



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2005

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
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### NEW MEXICO, Southeast

#### Eddy County

21 E Malaga	02	2120MST 2130MST			0	0	0	0	Thunderstorm Wind (MG57)
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The automated fire weather observing station at Paduca (located on the Eddy and Lea County line) recorded 65 MPH wind gusts as a complex of thunderstorms propagated over the southeastern New Mexico plains.

#### Lea County

31 WNW Jal	02	2120MST 2130MST			0	0	0	0	Thunderstorm Wind (MG57)
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The automated fire weather observing station at Paduca (located on the Eddy and Lea County line) recorded 65 MPH wind gusts as a complex of thunderstorms propagated over the southeastern New Mexico plains.

#### Lea County

13 W Hobbs to 3 N Hobbs	02	2145MST 2205MST			0	0	15K	0	Thunderstorm Wind (EG57)
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Damaging thunderstorm winds struck the Hobbs vicinity around 22:00 MST. Law enforcement officials estimated that winds gusted to 60 MPH near the Hobbs Airport at 21:45 MST. The severe thunderstorm winds spread east into the city during the next fifteen minutes, downing large trees and power lines. Downed power lines left the southern half of the city without electricity by 23:00 MST. The thunderstorm winds were followed by large hail.

#### Lea County

Hobbs	02	2205MST			0	0	0	0	Hail(1.00)
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Quarter size hail was reported in Hobbs following the onset of damaging thunderstorm winds. No damage reported was attributed to the hail.

#### NMZ033

#### Central Lea County

02	2215MST				0	0	10K	0	High Wind (EG52)
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A swath of high winds propagated over portions of Lea County in the wake of the severe convective complex. These winds were likely associated with tight surface pressure gradients behind the storms (possibly a mesoscale high), and not a direct result of the severe thunderstorms. The winds damaged trees and utility poles in Lovington.

Severe thunderstorms affected the plains southeastern New Mexico during the late evening of the 2nd. These storms were characterized by bow-shaped radar structures, and produced damaging winds near Hobbs. In addition, severe winds spread across Lovington as strong pressure gradients developed in the wake of the convection. Damage was limited to trees, power lines, and poles. No injuries were reported.

#### Lea County

6 SW Eunice	06	1607MST			0	0	0	0	Hail(1.75)
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Devastating hailstorms impacted the southern and central portions of Lea County during the late afternoon and early evening hours of the 6th. The first report of large hail was received at 16:07 MST, when a trained storm spotter reported golfball size in rural areas southwest of Eunice.

#### Lea County

2 S Buckeye to 2 N Lovington	06	1710MST 1735MST			0	0	1.3M	0	Hail(2.75)
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### NEW MEXICO, Southeast



*Children display baseball size hailstones in Lovington following a destructive storm during the late afternoon and early evening of the 6th. Giant hail combined with severe winds produced nearly two million dollars worth of damage across the city. Photo courtesy: Jim Morrison - Skywarn Spotter.*

Very large hail caused extensive damage along a swath from near Buckeye to Lovington. Baseball size hail was reported at 16:10 MST just south of Buckeye. An anticyclonic member of a splitting supercell storm rapidly propagated north-northeast towards Lovington. Initial reports of large hail up to the size of baseballs in Lovington were received at 16:30 MST. Within five minutes, destructive golfball to baseball size hailstones severely damaged up to 200 vehicles and approximately 1,000 homes and businesses across the city.

#### Lea County

2 N Lovington

**06 1733MST 0 0 250K 0 Hail(4.50)**

The Lovington Police Department reported giant hail just north of Lovington. Softball size hail combined with severe wind gusts to damage structures and vehicles. The largest hail and the most intense winds occurred over less populated areas just outside of the city's limits.

#### Lea County

2 N Lovington

**06 1733MST 0 0 50K 0 Thunderstorm Wind (EG61)**

Law enforcement officials reported that the giant hail north of Lovington was accompanied by 60 to 70 MPH winds. These winds blew the giant hailstones horizontally and enhanced damage

Severe thunderstorms brought a round of destructive hailstorms to parts of southeastern New Mexico during the late afternoon of the 6th. Giant baseball to softball size hailstones and winds that gusted up to 70 MPH resulted in approximately two million dollars worth of property damage in central Lea County. The city of Lovington was hardest hit, with more than 600 vehicles severely damaged along with almost 2,000 structures. No injuries were reported.

#### Lea County

20 W Jal

**14 1638MST 0 0 0 0 Hail(0.88)**

Storm spotters reported nickel size hail along New Mexico Highway 128 west of Jal. This hail was produced by a long-lived left-moving supercell storm that produced large hail and damaging winds earlier in the afternoon in Loving County, Texas



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### NEW MEXICO, Southeast

#### Lea County

Monument	14	1810MST			0	0	0	0	Hail(1.00)
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The public reported pea to quarter size hail in Monument.

Severe storms affected portions of Lea County during the late afternoon and evening hours of the 14th. A left-moving supercell propagated across the New Mexico and Texas border over southern Lea County, and produced large hail along New Mexico Highway 128. Another storm produced large hail in Monument. No damage was reported from the severe weather activity in New Mexico on the 14th.

#### Eddy County

Lakewood to 14 ESE Lakewood	16	1424MST 1524MST			0	0	0	150K	Hail(1.25)
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A supercell thunderstorm produced damaging hail along a swath from Lakewood to rural areas northeast of Carlsbad. Storm spotters reported penny size hail in Lakewood at 14:24 MST. During the next hour, the hail increased in size, with quarter to half dollar size hailstones reported just southeast of Lakewood by 14:46 MST. The storm continued to produce large hail (refer to the next event entry) as it propagated southeast near Brantley Dam, damaging pecan orchards and numerous round bales of hay.

#### Eddy County

12 NE Carlsbad	16	1522MST			0	0	0	200K	Hail(2.50)
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Skywarn spotters reported quarter to tennis ball size hail that covered the ground along Eddy County Road 34 northeast of Carlsbad. The very large hail combined with smaller stones to produce significant agricultural losses, with 300 pecan trees and numerous round bales of hay destroyed.

#### Eddy County

8 NE Carlsbad to 17 NE Carlsbad	16	1534MST 1625MST			0	0	0	0	Hail(0.75)
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Numerous reports were received of penny size hail along Eddy County Road 34 northeast of Carlsbad.

#### Eddy County

12 NE Carlsbad	16	1534MST			0	0	0	0	Thunderstorm Wind (EG61)
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Trained storm spotters estimated that severe thunderstorm wind gusts up to 70 MPH accompanied the large hail along Eddy County Road 34 northeast of Carlsbad. No wind damage was reported.

#### Eddy County

3 N Carlsbad to 17 NE Carlsbad	16	1544MST 1700MST			0	0	50K	0	Flash Flood
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Several reports of flash flooding were received from central and northeastern Eddy County. More than eighteen inches of water was reported flowing over Eddy County Road 34 northeast of Carlsbad. Ranchers reported that approximately two inches of rain fell over thirty minutes. A few rural ranch homes in the area sustained minor damage when flood waters entered the structures.

An isolated supercell thunderstorm developed over north-central Eddy County during the late afternoon of the 16th and produced very large hail, damaging winds, and flash flooding. The slow moving storm damaged crops along a swath from near Lakewood to Eddy County Road 34, northeast of Carlsbad. Hail accumulated on the ground and flash flooding threatened property in rural areas of the county.

#### Eddy County

Artesia	30	1532MST			0	0	0	0	Thunderstorm Wind (EG50)
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Damaging wind gusts accompanied an isolated storm near Artesia during the afternoon of the 30th. At least one large tree was blown



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					Killed	Injured	Property	Crops	

### NEW MEXICO, Southeast

down in a residential area. A trained storm spotter witnessed a downburst south of the city moments before the damaging winds struck. The Automated Surface Observing System at the Artesia Airport (located several miles west of the city) measured a peak gust to 54 MPH, but wind gusts in Artesia were likely higher. No structural damage was reported.

### TEXAS, West

#### Reeves County

Orla	02	2140CST 2149CST			0	0	0	0	Hail(1.75)
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Law enforcement officials and trained storm spotters reported golfball size hail in Orla. No damage was reported.

#### Loving County

23 NW Mentone	02	2205CST			0	0	0	0	Hail(0.88)
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The public reported nickel size hail just east of Red Bluff Lake.

#### Winkler County

Kermit to 4 N Kermit	02	2330CST 2338CST			0	0	0	0	Hail(1.00)
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Law enforcement officials reported large hail ranging in size from nickels to quarters from Kermit to the intersection of County Road 874 and Texas Highway 18 north of town.

#### Pecos County

Sheffield	02	2340CST			0	0	0	0	Hail(0.75)
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#### Reeves County

Balmorhea	03	0000CST			0	0	0	0	Hail(1.00)
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The first of two severe storms to affect Balmorhea during the early morning hours of the 3rd struck at midnight CST. This storm produced quarter size hail in town, and resulted in no damage.

#### Winkler County

4 N Kermit	03	0015CST			0	0	0	0	Hail(1.00)
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For the second time in an hour, quarter size hail fell over the intersection of County Road 874 and Texas Highway 18 north of Kermit. No damage was reported.

#### Pecos County

Imperial	03	0030CST			0	0	0	0	Hail(0.75)
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#### Reeves County

Balmorhea	03	0045CST			0	0	0	0	Hail(1.00)
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Quarter size hail was reported again by local law enforcement officials in Balmorhea at 00:45 CST. Damage did not result from either of the severe storms to strike Balmorhea during the late evening of the 2nd and the early morning of the 3rd.

#### Ward County

Wickett	03	0045CST 0100CST			0	0	0	0	Thunderstorm Wind (EG52)
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The public estimated thunderstorm wind gusts up to 60 MPH in Wickett. No damage was reported.

#### Pecos County

10 N Ft Stockton to 12 N Ft Stockton	03	0052CST 0054CST			0	0	0	0	Hail(0.88)
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Storm spotters reported nickel size hail along Texas Highway 18 north of Fort Stockton

#### Pecos County

8 E Bakersfield	03	0130CST			0	0	0	0	Hail(0.75)
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Storm spotters reported penny size hail along Interstate 10 east of Bakersfield.

#### Pecos County

Ft Stockton to 5 E Ft Stockton	03	0145CST 0207CST			0	0	0	0	Hail(1.00)
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Several reports were received of dime to quarter size hail from Fort Stockton east along Interstate 10. At a campground five miles



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### TEXAS, West

east of the city, the hail was accompanied by severe winds. Significant damage was not reported.

#### Pecos County

5 E Ft Stockton

03	0200CST 0207CST				0	0	0	0	Thunderstorm Wind (EG52)
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The public reported thunderstorm wind gusts up to 60 MPH at a campground east of Fort Stockton. The winds were accompanied by quarter size hail. Significant damage was not reported.

#### Pecos County

16 S Ft Stockton

03	0255CST				0	0	0	0	Hail(0.75)
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Ham radio operators reported three-quarter inch diameter hail along U.S. Highway 385 south of Fort Stockton

#### Winkler County

13 WSW Kermit

03	0320CST				0	0	0	0	Hail(0.88)
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A motorist reported nickel size hail along Texas Highway 302 west of Kermit.

Explosive thunderstorm development occurred over portions of the Upper Trans Pecos region of west Texas during the late evening of the 2nd. Several of these storms became supercells and produced large hail. Storm cells eventually merged into an organized linear complex as it propagated east toward the Permian Basin during the overnight hours

#### Presidio County

4 S Marfa to  
Marfa

02	2300CST 2330CST				0	0	25K	0	Hail(1.75)
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The first of two hail storms to affect the Marfa area struck at 23:00 CST. Large hail ranging in size from ping pong balls to golfballs fell along U.S. Highway 67 near the city. This initial storm is believed to be responsible for minor roof damage, however, a more significant hail storm impacted Marfa just an hour later and likely produced a majority of the damage

#### Presidio County

Marfa

03	0000CST 0025CST				0	0	50K	0	Hail(1.25)
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Large hail fell over Marfa again as a second severe storm affected the area shortly after midnight CST. Reports indicated that hail up to the size of half-dollars persisted for nearly twenty-five minutes. The long duration of one and a half inch diameter hail and occasionally larger stones, resulted in damage to numerous roofs and vehicles.

#### Presidio County

Marfa

03	0023CST				0	0	100K	0	Hail(2.00)
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Hen egg size hail mixed with smaller hailstones to produce damage to roofs and vehicles in Marfa. This hail occurred during the second of two severe storms to impact the Marfa vicinity during the late evening and early morning hours of the 2nd and 3rd

#### Jeff Davis County

9 WNW Ft Davis to  
Ft Davis

03	0030CST 0120CST				0	0	0	0	Hail(1.00)
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Penny size hail was reported by the staff at the McDonald Observatory at 00:30 CST. Severe storms developed southward during the next half hour, and produced quarter size hail along Texas Highway 118 and in Fort Davis by 01:00 CST. This hail persisted over the city until 01:20 CST.

Severe thunderstorms erupted over the Davis Mountains and the northern Big Bend of west Texas during the late evening hours of the 2nd, and persisted into the early morning hours of the 3rd. Multiple storms produced large hail in the Marfa area, with significant damage to homes and vehicles resulting from hail as large as two inches in diameter. This thunderstorm activity eventually merged with severe storms over the Trans Pecos region and evolved into a linear convective complex that propagated east-northeast over the Permian Basin producing damaging winds and very heavy rainfall



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### TEXAS, West

#### Andrews County

5 NE Andrews

03 0000CST 0 0 0 0 Hail(0.88)  
Nickel size hail was reported by local law enforcement officials along Texas Highway 115 northeast of Andrew.

#### Gaines County

9 S Seminole to  
1 SW Seagraves

03 0000CST 0 0 20K 0 Thunderstorm Wind (MG53)  
Severe thunderstorms produced damaging winds over Gaines County shortly after midnight CST. The West Texas Mesonet site near Seagraves recorded a peak gust of 61 MPH at 00:10 CST. Utility poles also were downed by thunderstorm winds along County Road 305 south of Seminole.

#### Dawson County

15 WSW Lamesa

03 0015CST 0 0 0 0 Thunderstorm Wind (EG52)  
The public reported thunderstorm wind gusts to 60 MPH in rural areas of western Dawson County. No damage was reported.

#### Ector County

Gardendale

03 0100CST 0 0 0 0 Thunderstorm Wind (EG52)  
0130CST  
The public reported intermittent severe wind gusts from thunderstorms over Gardendale between 01:00 and 01:30 CST. No damage was reported.

#### Andrews County

4 ESE Andrews

03 0130CST 0 0 0 0 Hail(0.75)  
Penny size hail was reported at a rural homestead southeast of Andrews.

#### Crane County

6 WNW Crane to  
Crane

03 0130CST 0 0 20K 0 Thunderstorm Wind (EG52)  
0150CST  
Severe thunderstorm winds downed at least four utility poles along Farm to Market Road 1601 north of Texas Highway 329 in east-central Crane County. Damaging winds spread east toward Crane, where several large trees were blown down.

#### Martin County

Lenorah

03 0140CST 0 0 0 0 Thunderstorm Wind (EG52)  
The public reported thunderstorm wind gusts up to 60 MPH in Lenorah. No damage was reported.

#### Midland County

Midland

03 0150CST 0 0 0 0 Flash Flood  
0400CST  
Urban flash flooding occurred throughout Midland during the pre-dawn hours of the 3rd. A complex of strong thunderstorms produced brief, but very heavy rainfall over the city and resulted in more than six inches of flowing flood waters through Midland Drive and Wadley Avenue. Numerous other streets were reportedly under water, but no reports of damage or injuries were received.

#### Upton County

20 NW Rankin

03 0200CST 0 0 30K 0 Thunderstorm Wind (EG57)  
Damaging thunderstorm winds swept over portions of Upton County during the early morning hours of the 3rd. A storage shed that was located at an oil field near the intersection of Farm to Market Road 1492 and Texas Highway 329 was destroyed. Debris from the shed was blown into an electrical transformer and caused additional damage including power outage.

#### Ector County

Odessa

03 0303CST 0 0 0 0 Flash Flood  
0430CST  
A complex of strong to severe thunderstorms moved over Odessa during the pre-dawn hours of the 3rd and produced brief but very heavy rainfall. The local media reported up to eight inches of rapidly flowing flood waters at the intersection of West County Road



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### TEXAS, West

and University in Odessa. No damage was reported.

#### **Upton County**

<b>11 NE Mc Camey</b>	<b>03</b>	<b>0324CST 0500CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flood</b>
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Law enforcement officials reported that sections of Texas Highway 329 were barricaded for at least ninety minutes due to flood waters that inundated the driving surface.

#### **Reagan County**

<b>7 ESE Big Lake</b>	<b>03</b>	<b>0443CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.88)</b>
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Local law enforcement and fire department officials reported nickel size hail east of Big Lake along U.S. Highway 67

An organized linear complex of thunderstorms propagated east-northeast across the western and central Permian Basin of west Texas during the very early morning hours of the 3rd and produced widespread severe weather and heavy rainfall. Small bow-shaped segments embedded within the squall line produced damaging winds and hail. Most of the severe winds remained over relatively unpopulated areas, so damage was largely limited to downed trees and utility poles. At least one light structure was destroyed in rural areas of Upton County. Flash flooding caused serious travel problems during the overnight hours in Midland and Odessa. No injuries were reported.

An outbreak of severe thunderstorms affected much of west Texas during the late evening hours of the 2nd and during the pre-dawn hours of the 3rd. Convection initiated late on the 2nd over the Big Bend and Upper Trans Pecos regions. This activity eventually merged into an organized squall line that rapidly propagated east-northeast over the Permian Basin. Large hail and damaging thunderstorm winds were widespread across the region. The most significant damage occurred in Marfa as the city was pounded by two severe hailstorms that resulted in nearly \$200,000 in damages. The second storm to impact Marfa produced very large hail up to two inches in diameter.

#### **Brewster County**

<b>17 ESE Panther Junction</b>	<b>05</b>	<b>1657CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (EG52)</b>
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National Park Service rangers reported damaging thunderstorm winds that downed a large tree in Rio Grande Village, in the eastern part of Big Bend National Park. The severe winds were followed by large hail.

#### **Brewster County**

<b>17 ESE Panther Junction 24 NE Panther Junction</b>	<b>05</b>	<b>1708CST 1722CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(1.75)</b>
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Park rangers also reported that hail up to the size of golfballs accompanied the storm along the Rio Grande from near Rio Grande Village to Heath Canyon. The large hail generally remained over open rangeland in the eastern parts of the Big Bend National Park. No damage resulted.

#### **Ward County**

<b>Pyote</b>	<b>05</b>	<b>1736CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
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A severe thunderstorm produced penny size hail in Pyote.

#### **Brewster County**

<b>8 S Alpine to 7 SE Alpine</b>	<b>05</b>	<b>1830CST 1837CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(1.00)</b>
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Several reports were received of nickel to quarter size hail as a severe storm tracked south of Alpine.

#### **Winkler County**

<b>5 E Kermit to 8 ENE Kermit</b>	<b>05</b>	<b>1845CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.88)</b>
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Nickel size hail was reported along Texas Highway 302 east of Kermit



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### TEXAS, West

#### **Brewster County**

<b>23 N Panther Junction</b>	05	1915CST 1935CST			0	0	0	0	<b>Hail(0.88)</b>
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National Park Service rangers reported nickel size hail at the entrance to Big Bend National Park at Persimmon Gap. The hail persisted for twenty minutes.

#### **Winkler County**

<b>7 WSW Kermit to 5 WSW Kermit</b>	05	1915CST 1950CST			0	0	0	0	<b>Hail(0.88)</b>
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A second thunderstorm affected areas along Texas Highway 302 west of Kermit. This storm also produced nickel size hail.

#### **Presidio County**

<b>13 E Marfa</b>	05	2030CST			0	0	0	0	<b>Hail(0.88)</b>
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Motorists traveling along U.S. Highway 90 reported nickel size hail just west of Paisano Pass in far northeastern Presidio County

#### **Brewster County**

<b>10 S Alpine to 11 S Alpine</b>	05	2045CST			0	0	0	0	<b>Hail(0.88)</b>
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Motorists reported nickel size hail along Texas Highway 118 south of Alpine.

#### **Gaines County**

<b>4 SSW Seagraves to 4 SW Seagraves</b>	05	2129CST			0	0	0	0	<b>Hail(1.00)</b>
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Local emergency management officials reported quarter size hail along U.S. Highway 385 south of Seagraves

Scattered severe thunderstorms affected portions of west Texas during the late afternoon and evening hours of the 5th. This activity developed south of a weak frontal boundary and dryline triple point that was located over the northwestern Permian Basin. Thunderstorms from the northwest basin southward to the Big Bend produced large hail and damaging winds. No significant damage was reported.

Meanwhile, a complex of supercell thunderstorms over the northeastern Permian Basin became tornadic as they interacted with the frontal boundary.

#### **Scurry County**

<b>11 W Snyder to 2 SW Knapp</b>	05	1706CST 1815CST			0	0	0	0	<b>Hail(1.00)</b>
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The Snyder Fire Department reported nickel size hail along U.S. Highway 180 west of Snyder. The storm continued to produce hail as it propagated southwestward toward Knapp. Quarter size hail was reported by a National Weather Service Cooperative Observer near Knapp at 18:15 CST.

#### **Borden County**

<b>10 ESE Gail to 10.7 ESE Gail</b>	05	1733CST 1737CST	0.8	75	0	0	0	0	<b>Tornado (F0)</b>
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					Killed	Injured	Property	Crops	

**TEXAS, West**



*Skywarn storm spotters observed this tornado in eastern Borden County northwest of Lake J.B. Thomas shortly after 17:30 CST. The tornado remained in open range land for nearly five minutes, and resulted in no damage. Photo courtesy: Malcolm Crawford - Skywarn.*

The first of six tornadoes to strike the northeastern Permian Basin during the late afternoon and evening of the 5th was observed in rural areas of eastern Borden County shortly after 17:30 CST. Law enforcement officials reported that the tornado remained in open range land south of U.S. Highway 180. Although the tornado persisted for nearly five minutes, no damage was reported

**Borden County**

**10 SE Gail to  
10.2 SE Gail**

<b>05</b>	<b>1739CST</b>	<b>0.1</b>	<b>75</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Tornado (F0)</b>
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The Borden County Sheriff's Office reported that a second tornado developed within a few minutes of the previous entry dissipating. This tornado also remained over open country south of U.S. Highway 180, and it was reported to be short-lived in nature.

**Borden County**

**3 NW Lake J B Thomas  
3 WNW Lake J B Thom:**

<b>05</b>	<b>1744CST 1750CST</b>	<b>1</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Tornado (F0)</b>
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# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2005

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

**TEXAS, West**



*A tourist visiting Lake J.B. Thomas photographed this tornado along the western shore of the lake around 17:45 CST. Photo courtesy: Jan Townsend.*

The third tornado of the family developed near the west shores of Lake J.B. Thomas. The tornado affected open range land just west of Farm to Market Road 1205 for more than five minutes. The tornado was photographed by storm spotters and the public as it remained over open range land. It caused no damage.

**Borden County**

**14 S Gail      05      1805CST      0.1      75      0      0      5K      0      Tornado (F0)**

Eye witnesses observed a brief tornado that developed along Farm to Market Road 669 just north of that highway's intersection with Farm to Market Road 1785. Local law enforcement officials and the Texas Department of Transportation reported that highway road signs were "missing" along the tornado's short track along Farm to Market Road 669. The signs were believed to be lofted by the tornadic winds and deposited in adjacent mesquite fields.

This tornado developed along the flanking line of the cyclic tornadic supercell. The following tornado was associated with the storm's mesocyclone, and formed east of this event.

**Borden County**

**10 SW Lake J B Thomas      05      1805CST  
1840CST      0      0      5K      200K      Hail(2.50)**

A rancher in southern Borden County, while conversing with National Weather Service meteorologists conducting a damage survey, described tennis ball size hail that fell at his residence for at least thirty minutes. The ranch house is located near Farm to Market Road 1785 west of Lake J.B. Thomas. The hail pounded crops in the area as the man and his wife watched a large tornado (see the next event entry) track to the southeast and south of their home.

**Borden County**

**6 WSW Lake J B Thomas      05      1808CST  
9 SW Lake J B Thomas      1820CST      5      1300      0      0      80K      0      Tornado (F2)**



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2005

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

### TEXAS, West



*A large tornado moves across farm and ranch land near the Howard and Borden County line around 18:20 CST on June 5th. Video capture courtesy: Chris Churchwell - Northeast Permian Basin Skywarn.*

A significant tornado developed in southern Borden County shortly after 18:00 CST. This tornado initially formed just north of Farm to Market Road 1785 three miles west of that highway's intersection with Farm to Market Road 1205. The tornado then slowly moved southwest, and resulted in a wide swath of damage to mesquite trees, road signs, fences, and utility poles as it crossed Farm to Market Road 1785.

The tornado's damaging ground circulation briefly dissipated south of Farm to Market Road 1785 in south-central Borden County. Video provided by the public and storm spotters indicated that this phase of the tornado's life cycle was characterized by a condensation funnel that reached half way to the ground with no debris visible near the ground. National Weather Service meteorologists that conducted a damage survey of the tornado's track initially concluded that the broken damage path was likely the result of two separate tornadoes. Photographic evidence, however, supports that the funnel aloft remained well-defined and that the tornado reformed about one mile north of the Borden and Howard County line.

The tornado crossed a county road near the Howard County line, and left a three-quarter mile wide swath of damage to mesquite trees and fences. Large drifts of wind blown mud accumulated several feet high along barbed-wire fences on the north side of the tornadoes circulation. A tin shed also was severely damaged. The tornado then moved over plowed fields as it crossed into north-central Howard County.

Damage in the Borden County segment of the tornado's path would suggest a weak category rating. This may be largely due to a lack of man made structures that were affected. More significant (F2) damage was observed along the Howard County segment of the damage path. The total path length over Borden and Howard Counties was nine miles.



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2005

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
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### TEXAS, West

#### Howard County

6 NE Luther to  
3 NNE Luther

05	1820CST 1840CST	4	300	0	0	25K	300K	Tornado (F2)
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*The above photo shows a 250 yard wide damage path (note green undamaged trees along the center edges of the photo) through mesquite thickets west of County Road 41 in north-central Howard County. Most of the trees were reduced to stumps extending a few feet above the ground and were partially stripped of bark. Asphalt from the county road was blown into this portion of the damage path. Photo courtesy: National Weather Service - Midland, Texas.*

The long-lived tornado that developed in south-central Borden County crossed into Howard County east of County Road 41. The tornado's damage path narrowed as it moved over a hay field northeast of Luther. Three hundred round bales of hay, weighing 2,000 pounds each, were shredded by the tornadic winds. All of the hay bales were destroyed and the individual straws of hay served as small missiles, stripping mesquite trees of their bark in a thicket to the west.

The tornado crossed County Road 41 about two miles south of the Howard and Borden County line. Chunks of asphalt, some up to six inches in diameter, were removed from the road's surface and deposited in an adjacent field. A 250 yard wide swath was cut through mesquite filled range land west of the road. Large mesquite trees were reduced to stumps that only stood a few feet tall, and were partially debarked.

A railroad boxcar that was being used for storage was destroyed one mile west of County Road 41. The boxcar broke into three large pieces as it initially bounced along the earth, leaving large craters in the ground, and then was lofted. The three pieces were displaced a mile to the southwest from the boxcar's original location, near the end of the damage path

A National Weather Service damage survey team concluded that a significant rating (F2) was warranted based on the magnitude of tree and vegetation damage, and the lofting and displacement of the railroad boxcar.

The tornadoes total path length across Borden and Howard Counties was nine miles, with a maximum path width of three quarters of a mile in south-central Borden County.



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2005

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

### TEXAS, West

#### **Borden County**

**Lake J B Thomas**

**05 1825CST 0 0 5K 25K Hail(2.00)**

Hail up to the size of hen eggs was reported at Lake J.B. Thomas. The hail caused minor damage and broke limbs off trees. Although significant agricultural losses were not reported, there are numerous pecan orchards in the vicinity of the lake

#### **Borden County**

**19 SSW Gail to  
10 S Gail**

**05 1930CST 0 0 0 550K Hail(0.75)**  
**2020CST**

Farmers near the Borden and Howard County line reported extensive loss to cotton crops due to wind driven hail.

#### **Borden County**

**19 SSW Gail**

**05 1930CST 0 0 0 150K Thunderstorm Wind (EG70)**  
**1945CST**

Farmers near the Borden and Howard County line reported extensive loss to cotton crops due to wind driven hail.

#### **Howard County**

**1 WNW Vealmoor**

**05 1930CST 0 0 0 550K Hail(0.75)**  
**2000CST**

Farmers near the Borden and Howard County line reported extensive loss to cotton crops due to wind driven hail.

#### **Howard County**

**1 WNW Vealmoor**

**05 1930CST 0 0 0 150K Thunderstorm Wind (EG70)**  
**1945CST**

Farmers near the Borden and Howard County line reported extensive loss to cotton crops due to wind driven hail.

At least 20,000 acres of cotton were destroyed as the slow moving tornadic storm propagated over southern Borden and northern Howard County. Hail up to the size of pennies combined with destructive winds estimated to be between 70 and 80 MPH to produce widespread agricultural losses.

#### **Howard County**

**5 SW Luther to  
5.2 SW Luther**

**05 1944CST 0.2 75 0 0 0 0 Tornado (F0)**  
**1945CST**



# National Weather Service

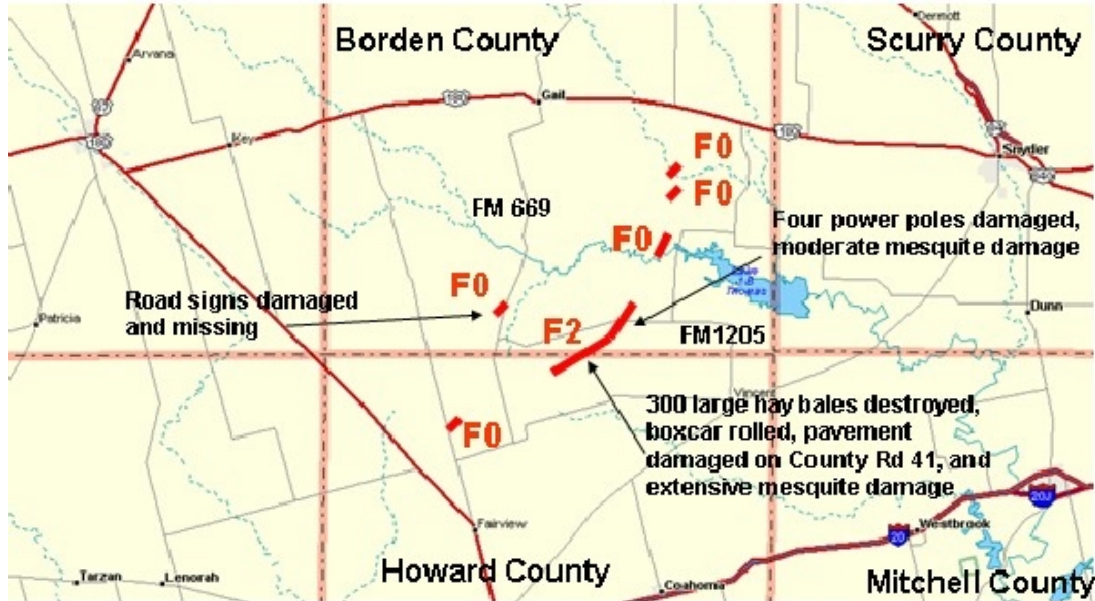
## Storm Data and Unusual Weather Phenomena



June 2005

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
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**TEXAS, West**



*A cyclic supercell storm produced a family of six tornadoes over southern Borden and northern Howard Counties during the late afternoon and evening of the 5th. The most significant tornado resulted in a nine mile long damage path that crossed the Borden and Howard County line northeast of Luther. Significant damage was limited to agricultural losses and light structures.*

A local television meteorologist and Skywarn storm spotters photographed a brief tornado southwest of Luther around 19:45 CST. The tornado developed along the flanking line of the evolving high precipitation supercell, or beneath a new updraft developing along the storm's southwest flank. No damage was reported.

**Dawson County**  
1 NE Ackerly to  
1 SE Ackerly

05	1953CST 2115CST	0	0	0	0	0	0	Hail(1.75)
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Multiple reports were received of large hail in the vicinity of Ackerly. Initial reports by the Lamesa Police Department indicated golfball size hail along U.S. Highway 87 northeast of town. Storm spotters also reported penny to quarter size hail further south along U.S. Highway 87 to the Martin County line.

**Borden County**  
15 SSW Gail to  
5 S Gail

05	2020CST 2150CST	0	0	0	0	0	0	Flash Flood
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Local law enforcement officials reported intermittent flash flooding along Farm to Market Road 669 south of Gail. High water was reported flowing over the highway at several locations from five miles south of Gail southward to near the Borden and Howard County line.

**Howard County**  
9 NNW Big Spring

05	2035CST 2040CST	0	0	10K	0	0	0	Thunderstorm Wind (EG52)
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Storm spotters reported that thunderstorm wind gusts blew down power poles along U.S. Highway 87 near the intersection of County Road 4500 north of Big Spring.

**Borden County**  
Gail

05	2100CST 2127CST	0	0	100K	0	0	0	Thunderstorm Wind (EG65)
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Severe thunderstorm winds caused extensive damage in Gail. At least two roofs were damaged with one being blown off of a permanent residence. In addition, a small outbuilding was overturned and several large trees downed.



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2005

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
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### TEXAS, West

#### Dawson County

**1 SSE Sand**      **05**    **2105CST**      **0**    **0**    **2K**    **0**    **Thunderstorm Wind (EG52)**  
Severe thunderstorm winds downed power lines near Sand in western Dawson County.

#### Martin County

**18 NE Lenorah**      **05**    **2105CST**  
   **2115CST**      **0**    **0**    **0**    **0**    **Hail(1.00)**  
Quarter size hail was reported along U.S. Highway 87 in extreme northeastern Martin County just southeast of Ackerly.

#### Dawson County

**Ackerly to**  
**1 SE Lamesa**      **05**    **2115CST**  
   **2300CST**      **0**    **0**    **0**    **0**    **Flash Flood**  
Storm spotters and local law enforcement officials reported intermittent flash flooding along U.S. Highway 87 between Ackerly and Lamesa. More than six inches of rapidly flowing flood waters covered the highway near the intersection of Farm to Market Road 828 just south of Lamesa. In addition, several streets in Ackerly were inundated by high water

#### Scurry County

**Snyder**      **05**    **2117CST**      **0**    **0**    **0**    **0**    **Hail(0.88)**

#### Howard County

**Vealmoor**      **05**    **2127CST**  
   **2300CST**      **0**    **0**    **0**    **0**    **Flash Flood**  
The Texas Department of Transportation reported that several secondary roads near Vealmoor were inundated by high water

#### Borden County

**14 NE Gail**      **05**    **2200CST**      **0**    **0**    **0**    **0**    **Thunderstorm Wind (EG57)**  
A local government official reported that severe thunderstorm winds broke large tree limbs at her rural residence near Texas Highway 612 in northeastern Borden County.

#### Scurry County

**Snyder to**  
**17 SW Snyder**      **05**    **2327CST**  
   **06**    **0600CST**      **0**    **0**    **0**    **0**    **Flash Flood**  
Storm spotters reported flash flooding during the late evening hours from the Snyder area southwestward toward Lake J.B. Thomas. High water flowed through several city streets shortly before midnight CST. Runoff caused the flash flood threat to persist through the early morning hours of the 6th. A rancher in southwestern Scurry County reported more than half a foot of rapidly flowing flood waters that inundated County Road 1298 just east of Lake J.B. Thomas.

An outbreak of severe thunderstorms and tornadoes affected parts of west Texas during the afternoon and evening of the 5th. Thunderstorms developed along a stationary frontal boundary over the western low rolling plains and the northeastern Permian Basin during the late afternoon. These storms evolved into supercells, and one storm produced a series of tornadoes across southern Borden and northern Howard Counties. By mid evening, a small cluster of organized severe storms evolved and produced more widespread hail, damaging winds, and heavy rainfall. Damages to agricultural interests across the region were significant, and accounted for a majority of the estimated \$2.2 million worth of losses reported.

#### Reeves County

**10 NNW Pecos to**  
**6 N Pecos**      **06**    **1557CST**  
   **1612CST**      **0**    **0**    **0**    **0**    **Hail(1.75)**  
Several reports of large hail up to the size of golfballs were received along U.S. Highway 285 north of Pecos

#### Reeves County

**8 NW Pecos**      **06**    **1600CST**  
   **1630CST**      **0**    **0**    **0**    **0**    **Hail(2.50)**  
The public reported that tennis ball size hail fell over Farm to Market Road 2119 northwest of Pecos for approximately thirty



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2005

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

### TEXAS, West

minutes.

#### Loving County

8 N Mentone

06 1625CST 0 0 0 0 Hail(0.75)

Penny size hail was reported by the public along Farm to Market Road 652 north of Mentone

#### Loving County

19 N Mentone

06 1635CST 0 0 0 0 Hail(2.50)

A rancher in northern Loving County reported very large hail ranging in size from golfballs to tennis balls along Farm to Market Road 652.

#### Reeves County

6 NNW Orla to  
5 N Orla

06 1635CST  
1650CST 0 0 0 0 Hail(1.75)

Multiple reports were received of golfball size hail from U.S. Highway 285 north of Orla to Red Bluff Dam on the Reeves and Loving County line.

#### Brewster County

Lajitas

06 1641CST 0 0 0 0 Hail(0.88)

#### Loving County

4 SW Red Bluff Res

06 1650CST 0 0 0 0 Hail(1.75)

Golfball size hail was reported at Red Bluff Dam on the Reeves and Loving County line.

#### Ward County

Pyote

06 1711CST  
1714CST 0 0 0 0 Hail(1.00)

Scattered severe storms over the west Texas Upper Trans Pecos region during the afternoon of the 6th resulted in numerous reports of large hail. The most intense storms remained over unpopulated areas, and no reports of damage were received, despite two reports of hail up to the size of tennis balls. More isolated thunderstorm activity affected portions of southwestern Texas. One storm became severe over the Big Bend of west Texas, and produced nickel size hail at Lajitas.

#### Pecos County

Ft Stockton

07 0646CST  
0800CST 0 0 0 0 Flash Flood

A strong thunderstorm that moved over the southern part of Fort Stockton during the early morning hours of the 7th produced locally heavy rainfall that resulted in flash flooding. The public reported that several city streets were impassable due to flowing flood waters near the downtown area.

#### Pecos County

37 S Ft Stockton

08 1820CST  
1830CST 0 0 0 0 Hail(1.75)

Large hail up to the size of golfballs was reported at a rural residence in southern Pecos County.

#### Brewster County

16 NE Marathon

08 1840CST 0 0 0 0 Hail(1.75)

Golfball size hail was reported along U.S. Highway 385 northeast of Marathon.

#### Terrell County

Sanderson

08 1946CST 0 0 0 0 Hail(0.88)

Isolated severe thunderstorms developed over the Lower Trans Pecos and Big Bend regions of west Texas during the late afternoon and early evening of the 8th. These storms produced hail up to the size of golfballs. No reports of damage were received

#### Brewster County

7 WNW Castolon

09 1500CST 0 0 10K 0 Hail(1.00)

The National Park Service reported that large hail caused minor damage in Big Bend National Park. A visitor's rental car was





# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2005

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
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### TEXAS, West

damaged by hailstones estimated to be at least one inch in diameter at Santa Elena Canyon.

#### **Brewster County**

##### **Lajitas**

09	1510CST				0	0	0	0	<b>Hail(1.00)</b>
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Nickel to quarter size hail was reported in Lajitas.

A pair of severe thunderstorms propagated northward and crossed the Rio Grande during the afternoon of the 9th. These storms produced large hail in southern Brewster County.

#### **Pecos County**

##### **30 S Ft Stockton to 32 S Ft Stockton**

09	1620CST 1640CST				0	0	0	0	<b>Hail(1.75)</b>
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Ranchers in southern Pecos County reported large hail up to the size of golfballs along a swath from U.S. Highway 385 southeastward along Longfellow Ranch Road.

#### **Pecos County**

##### **30 S Ft Stockton**

09	1630CST				0	0	0	0	<b>Hail(2.00)</b>
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Hen egg size hail was reported on the Allison Ranch just off of U.S. Highway 385 in southern Pecos County. No damage was reported.

#### **Pecos County**

##### **36 S Ft Stockton**

09	1725CST 1735CST				0	0	0	0	<b>Hail(1.00)</b>
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A rancher in far southern Pecos County reported quarter size hail at his residence.

#### **Pecos County**

##### **40.5 S Ft Stockton to 41 S Ft Stockton**

09	1727CST 1729CST	0.5	100		0	0	0	0	<b>Tornado (F0)</b>
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Two ranchers in southern Pecos and northern Brewster Counties independently observed a tornado along the Pecos and Brewster County line. The tornado remained in open rangeland and caused no damage.

#### **Brewster County**

##### **20 ENE Marathon to 20.7 ENE Marathon**

09	1729CST 1730CST	0.7	100		0	0	0	0	<b>Tornado (F0)</b>
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Two ranchers in southern Pecos and northern Brewster Counties independently observed a tornado along the Pecos and Brewster County line. The tornado remained in open rangeland and caused no damage.

#### **Pecos County**

##### **36 S Ft Stockton**

09	1730CST				0	0	0	0	<b>Thunderstorm Wind (EG52)</b>
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A rancher in far southern Pecos County estimated that thunderstorm winds gusted up to 60 MPH and accompanied quarter size hail at his residence.

#### **Brewster County**

##### **26 E Marathon**

09	1755CST 1800CST				0	0	0	0	<b>Hail(0.88)</b>
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Nickel size hail was accompanied by damaging thunderstorm winds along U.S. Highway 90 in northeastern Brewster County.

#### **Brewster County**

##### **26 E Marathon**

09	1800CST				0	0	5K	0	<b>Thunderstorm Wind (EG52)</b>
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A porch was blown off a rural residence near U.S. Highway 90 in northeastern Brewster County. Large hail up to the size of nickels accompanied the damaging wind gusts.

#### **Pecos County**

##### **Longfellow**

09	1840CST				0	0	5K	0	<b>Thunderstorm Wind (EG52)</b>
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The roof of a trailer house was blown off by damaging thunderstorm winds at a ranch near Longfellow.



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2005

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
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### TEXAS, West

#### Pecos County

3 E Longfellow to  
4 E Longfellow

09 1855CST 0 0 0 0 Hail(0.88)

Law enforcement officials reported nickel size hail on U.S. Highway 90 along the Pecos and Terrell County line.

#### Terrell County

10 W Sanderson

09 1855CST 0 0 0 0 Hail(0.88)

Law enforcement officials reported nickel size hail on U.S. Highway 90 along the Pecos and Terrell County line.

#### Terrell County

5 W Dryden

09 2025CST  
2029CST 0 0 0 0 Hail(0.88)

Nickel size hail was reported at the Terrell County Airport

An isolated tornadic supercell developed over southern Pecos County during the afternoon of the 9th. This storm produced hail up to the size of tennis balls and damaging winds as it propagated southeast over parts of southern Pecos, northeastern Brewster, and southwestern Terrell Counties during a four hour period. A tornado was observed in open country by ranchers along the Pecos and Brewster County line.

#### Ward County

15 S Monahans to  
13 S Monahans

09 1653CST  
1723CST 0 0 0 0 Hail(1.00)

A slow moving thunderstorm produced penny to quarter size hail over Texas State Highway 18 and Farm to Market Road 1219 south of Monahans for more than half an hour during the late afternoon of the 9th. No damage was reported.

#### Ward County

8 NNW Grandfalls to  
4 NNW Grandfalls

09 1711CST  
1900CST 0 0 0 0 Flash Flood

The same slow moving severe storm that produced large hail south of Monahans resulted in localized flash flooding as prolonged heavy rainfall occurred over several highways in southern Ward County. Initial reports indicated flash flooding along a low water crossing on Farm to Market Road 1776. At 18:14 CST, additional flash flooding was reported along Farm to Market Road 1219 just northwest of Grandfalls, where half a foot of water flowed over the driving surface.

#### Ward County

Grandfalls

09 1733CST 0 0 0 0 Hail(1.00)

Additional convective development to the south of the initial severe storm intensified and produced nickel to quarter size hail in Grandfalls.

Severe thunderstorms initially developed along the higher terrain of far southwestern Texas during the early afternoon of the 9th. A pair of severe storms moved north across the Rio Grande and resulted in minor hail damage in the southern parts of the west Texas Big Bend.

A long-lived supercell thunderstorm affected southern Pecos, northeastern Brewster, and southwestern Terrell Counties during the late afternoon and evening hours of the 9th. This storm produced very large hail, damaging winds, and at least one tornado along its track across the Lower Trans Pecos region. The most significant damage occurred in far southern Pecos County and far northeastern Brewster County where a trailer house was severely damaged and a permanent structure additionally received minor damage due to damaging thunderstorm winds.

Additional severe storms developed over the Upper Trans Pecos region of west Texas. These storms produced hail up to the size of quarters and very heavy rainfall.



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2005

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
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### TEXAS, West

#### Upton County

Mc Camey to  
3 W Rankin

**10 0905CST  
1200CST 0 0 10K 0 Flash Flood**

Numerous reports of flash flooding were received from southern Upton County during the morning of the 10th. Initial reports indicated urban flash flooding with high water flowing through many city streets in McCamey. By 09:55 CST the local broadcast media reported a stalled car with water flowing through the windows at the 200 Block of East 6th Street in McCamey. By 10:59 CST, up to eight inches of water was reported flowing across U.S. Highway 67 west of Rankin. Additional reports of flooding were received from McCamey at 10:50 CST.

#### TXZ052-063

#### Howard - Glasscock

**10 0915CST  
1030CST 0 0 30K 0 High Wind (MG52)**

High winds associated with a mesoscale high affected parts of the eastern Permian Basin as the early morning convective complex departed the area. The Automated Weather Observing System at the Big Spring Airpark recorded a peak gust of 60 MPH. Storm spotters and local officials reported that the winds downed large trees and blew over a carport. High winds additionally affected parts of Glasscock County, where a spotter reported that large limbs were stripped from trees and that a large barn was damaged near Lees in the northern portions of the county.

#### Pecos County

Girvin

**10 0930CST  
1200CST 0 0 0 0 Flash Flood**

Heavy rainfall resulted in flash flooding in the Girvin vicinity, with many city streets filled with flowing flood waters

#### Upton County

Rankin

**10 1000CST  
1010CST 0 0 0 0 Hail(0.88)**

Penny to nickel size hail was reported in Rankin.

A complex of early morning convection propagated over the Upper Trans Pecos region of west Texas eastward over the southern Permian Basin on the 10th. These storms produced locally heavy rainfall that resulted in flash flooding. An embedded storm strengthened to severe levels and produced large hail in Rankin.

#### Pecos County

29 S Ft Stockton to  
36 S Ft Stockton

**10 1327CST  
1415CST 0 0 0 0 Hail(1.00)**

Hail ranging from penny to quarter size was reported at two ranches in southern Pecos County. No damage was reported. These ranches also were affected by a long-lived tornadic supercell the previous day.

#### Brewster County

28 E Marathon to  
29 E Marathon

**10 1518CST  
1521CST 1 100 0 0 0 0 Tornado (F0)**

A rancher discovered tornado damage on his property in far northeastern Brewster County, just north of U.S. Highway 90. A relatively long and narrow swath of tornadic winds were evident in several groves of trees on the Longfellow Ranch. A stand of oak trees, many four inches in diameter, were snapped at the lower portions of the trunk. No damage to man made structures occurred as a result of the tornado.

Just twenty-four hours after an isolated tornadic supercell affected much of the Lower Trans Pecos region of west Texas, a second classic supercell produced large hail and a tornado in the same general vicinity. Large hail up to the size of quarters fell on several ranches in southern Pecos County during the afternoon of the 10th. A tornado struck the Longfellow Ranch in northeastern Brewster County, destroying numerous large trees.



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2005

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

### TEXAS, West

#### Pecos County

**21 S Ft Stockton**      **11**      **1732CST**                     **0**      **0**      **0**      **0**      **Hail(0.88)**  
 Employees at an oil field south of Fort Stockton reported nickel size hail along U.S. Highway 385 in southern Pecos County. This occurred as isolated strong to severe thunderstorms affected the Trans Pecos and Big Bend areas of west Texas during the late afternoon and evening of the 11th.

#### Jeff Davis County

**Ft Davis to**  
**6 WNW Ft Davis**      **14**      **1336CST**  
**1600CST**                     **0**      **0**      **0**      **0**      **Flash Flood**  
 Initial reports indicated that flash flooding resulted in up to six inches of rapidly flowing water over several city streets in Fort Davis. By 15:18 CST, high water was reported flowing over Texas Highway 118 near the Prude Ranch north of Fort Davis.

#### TXZ074

**Davis / Apache Mountains Area**  
**14**      **1340CST**                     **0**      **0**      **0**      **0**      **Landslide**  
 Heavy rainfall over the Davis Mountains was a contributing factor in triggering a landslide along Texas Highway 118 southeast of Fort Davis. Several large boulders fell onto the highway near the Musquiz historical marker above Musquiz Creek. No damage or injuries were reported.

#### Upton County

**20 NW Rankin**      **14**      **1400CST**  
**1420CST**                     **0**      **0**      **0**      **0**      **Hail(1.75)**  
 Pea to golfball size hail was reported at a gas plant near the intersection of Farm to Market Road 1492 and Texas Highway 329. The hail fell at the plant for twenty minutes, but no damage was reported. Employees at the gas plant watched a rotating wall cloud produce funnel clouds south of the plant while the hail was falling. A National Weather Service damage survey to the area found no evidence of a tornado.

#### Reeves County

**12 SSE Pecos**      **14**      **1500CST**                     **0**      **0**      **0**      **0**      **Hail(0.88)**  
 The public reported nickel size hail along U.S. Highway 285 south of Pecos.

#### Reeves County

**1 S Pecos to**  
**Toyah**      **14**      **1520CST**  
**1555CST**                     **0**      **0**      **0**      **0**      **Hail(1.00)**  
 Multiple reports were received of large hail up to the size of quarters as a cluster of severe thunderstorms affected central Reeves County. The Texas Department of Public Safety reported quarter size hail in Pecos at 15:20 CST. Nickel size hail was reported in Toyah at 15:53 CST, and penny size hail was reported at the Pecos Airport at 15:55 CST. No damage was reported to be associated with the hail.

#### Reeves County

**2 SW Pecos to**  
**5 N Pecos**      **14**      **1530CST**  
**1550CST**                     **0**      **0**      **5K**      **0**      **Thunderstorm Wind (EG52)**  
 A trailer home sustained minor damage due to thunderstorm winds just southwest of Pecos at 15:30 CST. A portion of the home's porch was blown into an adjacent field. Several large tree limbs were downed. Two poles that were set in concrete were also blown down by the winds. Severe thunderstorm wind gusts also were reported by law enforcement officials north of Pecos at 15:50 CST

#### Reeves County

**12 W Pecos**      **14**      **1553CST**  
**1700CST**                     **0**      **0**      **0**      **0**      **Flash Flood**  
 The Texas Department of Public Safety reported flash flooding along a secondary roadway north of Interstate 20 in rural areas west of Pecos.

#### Brewster County

**14 NW Panther Junction**      **14**      **1612CST**  
**1627CST**                     **0**      **0**      **0**      **0**      **Hail(1.25)**  
 Half-dollar size hail was reported at Terlingua Ranch in Big Bend National Park.



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2005

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
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### TEXAS, West

#### Pecos County

<b>20 W Ft Stockton</b>	<b>14</b>	<b>1630CST 1635CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(1.00)</b>
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A motorist traveling along Interstate 10 west of Fort Stockton reported that her windshield was cracked by large hail. The hail was reported to be at least one inch in diameter.

#### Loving County

<b>3 NE Mentone</b>	<b>14</b>	<b>1638CST</b>			<b>0</b>	<b>0</b>	<b>5K</b>	<b>0</b>	<b>Thunderstorm Wind (EG52)</b>
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Severe thunderstorm winds blew the roof off of a large barn northeast of Mentone.

#### Loving County

<b>Mentone to 13 N Mentone</b>	<b>14</b>	<b>1648CST 1656CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(1.75)</b>
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A left-moving supercell produced large hail along a swath from Mentone to near the Texas and New Mexico border in northern Loving County. Initial reports indicated penny size hail in Mentone and just east of the city along Texas Highway 302. A rancher reported golfball size hail fell in rural areas of the county before the storm moved over the state line. No damage was reported

#### Pecos County

<b>Ft Stockton</b>	<b>14</b>	<b>1820CST 1822CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.88)</b>
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A severe storm explosively developed over Fort Stockton, and quickly produced pea to nickel size hail. No damage was reported.

An active round of severe weather affected portions of west Texas during the afternoon and evening of the 14th. By mid afternoon, a large outflow boundary was stretched from the Davis Mountains northeastward across the Permian Basin. While the dominant convective mode was multicellular clusters, a few storms obtained supercellular characteristics. The initial storm that developed along the boundary over the southern Permian Basin quickly became a supercell, and produced golfball size hail and funnel cloud.

Additional storms over the Trans Pecos region produced large hail up to the size of golfballs, damaging wind gusts, and flash flooding. A motorist on Interstate 10 reported that large hail broke a vehicle windshield in western Pecos County. Apparent downbursts resulted in damage to light structures near Pecos and Mentone.

#### Brewster County

<b>8 ESE Panther Junction</b>	<b>18</b>	<b>1940CST 2100CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flood</b>
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Strong thunderstorms affected parts of the west Texas Big Bend region during the late afternoon and evening of the 18th. Locally heavy rainfall east of Panther Junction resulted in flash flooding along Texas Route 118. Running water was reported to have rendered the highway impassable between Panther Junction and Rio Grande Village

#### Reeves County

<b>8 NE Balmorhea</b>	<b>19</b>	<b>1730CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(1.00)</b>
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Quarter size hail was reported five miles north of Interstate 10 along Texas Route 17.

#### Presidio County

<b>Shafter</b>	<b>19</b>	<b>2000CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.88)</b>
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#### Presidio County

<b>Shafter</b>	<b>19</b>	<b>2000CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (EG52)</b>
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The public reported that wind gusts estimated to be 60 MPH accompanied nickel size hail in Shafter. No reports of damage were received.

Isolated severe thunderstorms affected parts of west Texas during the afternoon and evening of the 19th. Large hail up to the size of quarters and severe thunderstorm wind gusts accompanied these storms. No damage was reported.



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2005

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

**TEXAS, West**

**Presidio County**

**Marfa**

<b>20</b>	<b>1306CST</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(1.00)</b>
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Hail up to the size of nickels began to fall on the west side of Marfa at 13:06 CST. The hailstones increased in size during the next ten minutes, and local law enforcement officials reported dime to quarter size hail on the south side of the city between 13:10 and 13:20 CST. No damage was reported.

**Presidio County**

**Candelaria**

<b>20</b>	<b>1425CST</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.88)</b>
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A National Weather Service Cooperative Observer reported nickel size hail in Candelaria

Isolated severe thunderstorms over northern Presidio County produced large hail up to the size of quarters during the afternoon of the 20th.