



National Weather Service

Storm Data and Unusual Weather Phenomena



May 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

4 SW Carlsbad to
6 ESE Carlsbad

06	1709MST 1714MST				0	0	700K	0	Hail(1.75)
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Large hail ranging in size from golfballs to tennis balls caused significant damage in and just south of Carlsbad during the early evening of the 6th. Photo courtesy: Norman Frank - Skywarn Spotter.

A large swath of penny to golfball size hail affected the area from four miles southwest of Carlsbad, northeastward over the city, to approximately six miles east-southeast along New Mexico State Highway 128. Widespread damage to homes and businesses, including roof damage as well as broken windows and skylights, was reported. Additionally, many vehicles were damaged, including 200+ cars at two Carlsbad dealerships.

Eddy County

4 S Carlsbad

06	1714MST				0	0	100K	0	Hail(2.00)
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NEW MEXICO, Southeast



Craters up to two inches in diameter were left in the ground south of Carlsbad from large hail up to the size of hen eggs. Photo courtesy: Wendall Malone - Skywarn Spotter.

Hen egg size hailstones mixed with smaller hail just south of downtown Carlsbad. Storm spotters and local officials reported damage to area vehicles and homes.

Eddy County
1 S Carlsbad

06	1722MST								
		0	0	150K	0	0	Hail(2.50)		

Golfball hail with sporadic tennis ball size hailstones were reported in Carlsbad. Several skylights were broken and vehicles were damaged along the Pecos River just south of the downtown area

Eddy County
Carlsbad

06	1732MST								
	1930MST	0	0	0	0	0	Flash Flood		

Storm spotters and emergency management officials reported that flash flooding resulted in six to eight inches of rapidly running water flowing through several streets in the southern parts of Carlsbad. San Jose Boulevard was rendered impassable by the flood waters.

Eddy County
9 SE Carlsbad

06	1802MST								
		0	0	15K	0	Thunderstorm Wind (EG52)			

A spotter reported that several utility poles were blown down by thunderstorm winds along U.S. Highway 285 southeast of Carlsbad

Eddy County
19 ESE Carlsbad

06	1818MST		0.2	200					
	1819MST	0	0	0	0	0	Tornado (F0)		

A Skywarn Spotter observed the first of two tornadoes in eastern Eddy County. The tornado was described as being "fairly wide" and was located in open range land near New Mexico State Highway 128. No damage resulted from the tornado.

Eddy County
21 ESE Carlsbad

06	1826MST		0.1	75					
		0	0	0	0	0	Tornado (F0)		

A Skywarn Spotter observed a second tornado in open range land along New Mexico State Highway 128 in eastern Eddy County. This tornado was relatively small and short-lived. No damage was reported.



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					Killed	Injured	Property	Crops	

NEW MEXICO, Southeast

Eddy County

23 ESE Carlsbad to 25 E Carlsbad	06	1845MST 1850MST			0	0	0	0	Hail(1.50)
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Storm spotters reported ping pong ball size hail along New Mexico Route 128 and near the Department of Energy WIPP Site in eastern Eddy County.

Lea County

9 W Eunice to Oil Center	06	2004MST 2006MST			0	0	0	0	Hail(1.25)
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Quarter to half dollar size hail was reported by law enforcement officials and storm spotters along New Mexico State Highway 176 west of Eunice to Oil Center.

An isolated supercell thunderstorm explosively developed southwest of Carlsbad during the early evening of Friday the 6th. This storm produced giant hail up to the size of tennis balls and two tornadoes as it slowly propagated east-northeast across Eddy and Lea Counties.

The most significant damage occurred in Carlsbad when very large hail disrupted the start of a "Relay for Life" cancer benefit where several hundred people were gathered outdoors. Thanks to early warnings, emergency management officials were able to get people attending the event to shelter indoors. Although no injuries resulted, the hail caused nearly a million dollars worth of damage to homes, businesses, and vehicles throughout the city.

Storm spotters observed two tornadoes as the evolving high precipitation supercell tracked over rural areas of eastern Eddy County. The tornadoes were short-lived and remained over open range land near New Mexico State Highway 128.

The supercell storm eventually dissipated as it approached Eunice in eastern Lea County during the late evening hours. Hail up to the size of half dollars was reported as the storm weakened just west of the city.

Lea County

Nadine	10	1530MST			0	0	5K	0	Thunderstorm Wind (EG52)
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The Hobbs Police Department reported that several road signs were blown down in Nadine

Lea County

11 WSW Hobbs to 3 N Hobbs	10	1534MST 1600MST			0	0	150K	0	Hail(1.75)
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A left moving supercell thunderstorm quickly propagated northeast across eastern Lea County during the late afternoon of the 10th. This storm produced a swath of destructive hail ranging in size from nickels to golfballs as it moved from southwest of Hobbs, in the vicinity of the Hobbs Airport, and then over the city. Local officials reported extensive damage to vehicles, roofs, and windows. No injuries were reported.

Lea County

Hobbs	10	1540MST 1550MST			0	0	150K	0	Hail(2.50)
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NEW MEXICO, Southeast



Hail up to the size of tennis balls pelted the downtown area of Hobbs during the afternoon of the 10th. The hail, which was at times wind driven, resulted in more than \$400,000 dollars worth of damage. Photo courtesy: Sergeant David Scott - Hobbs Police Department.

Storm spotters reported that sporadic tennis ball size hailstones accompanied smaller hailstones in downtown Hobbs. Extensive damage occurred as windows were shattered in vehicles, homes, and businesses. No injuries were reported.

Lea County
3 N Hobbs

10	1544MST 1550MST		0	0	100K	0	Thunderstorm Wind (EG52)
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Severe thunderstorm winds combined with large hail to produce significant damage to vehicles, mobile homes, and other lightweight structures just north of Hobbs. Photo courtesy: Sergeant David Scott - Hobbs Police Department.

Local officials reported that wind gusts to 60 MPH accompanied the large hail north of Hobbs. These winds blew large hail



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NEW MEXICO, Southeast

horizontally and destroyed lightweight structures such as sheds and carports.

An isolated supercell thunderstorm erupted along a dryline over eastern Lea County during the late afternoon of the 10th. This storm split early in its life cycle, and the dominant left moving member quickly propagated northeast. This storm produced a swath of destructive hail ranging in size from nickels to tennis balls as it affected the Hobbs area. The hail was intermittently driven by severe winds. Storm total damage estimates exceeded \$400,000. No injuries were reported.

Eddy County

**3 W Carlsbad Arpt to
3 E Carlsbad Arpt**

14	2330MST 2342MST				0	0	0	0	Hail(1.75)
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Numerous reports of quarter to golfball size hail were received from the area in the vicinity of the Carlsbad Airport as a severe thunderstorm propagated southeast off of the Sacramento Mountains.

Lea County

Hobbs

23	1800MST				0	0	15K	0	Thunderstorm Wind (EG52)
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An isolated thunderstorm produced damaging winds in Hobbs during the early evening hours of the 23rd. The Hobbs Police Department reported that large trees, power poles and lines were blown down by the severe winds.

Lea County

Tatum

25	2253MST				0	0	0	0	Thunderstorm Wind (MG58)
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A National Weather Service Cooperative Observer recorded a severe thunderstorm wind gust to 66 MPH with a home weather station. No reports of damage were received.

Eddy County

6 E Artesia

25	2330MST 2335MST				0	0	0	0	Hail(1.75)
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The Artesia Fire Department reported large hail up to the size of golfballs over U.S. Highway 82 east of the city.

Lea County

Lovington

25	2345MST				0	0	0	0	Hail(0.75)
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Eddy County

Lakewood

25 26	2353MST 0010MST				0	0	15K	0	Hail(2.00)
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Large hail ranging in size from quarters to hen eggs severely damaged the roof of a residence in Lakewood. This caused water from heavy rainfall to enter the structure.

Lea County

3 W Lovington

26	0030MST				0	0	10K	0	Thunderstorm Wind (MG50)
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A 58 MPH thunderstorm wind gust was measured at the Lovington Airport. These winds severely damaged an aircraft hanger.

Lea County

31 WSW Jal

26	0110MST				0	0	0	0	Hail(0.75)
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Motorists traveling on County Road 1 reported large hail in far southwestern Lea County.

Eddy County

10 NE Loco Hills

26	0126MST				0	0	0	0	Thunderstorm Wind (MG50)
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An automated fire weather observing site measured a thunderstorm wind gust to 58 MPH in rural northeastern Eddy County.

Lea County

23 SW Eunice

26	0135MST 0155MST				0	0	0	0	Thunderstorm Wind (EG50)
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Severe thunderstorm winds blew down large tree limbs at a rural residence southwest of Eunice.



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NEW MEXICO, Southeast

An active round of severe thunderstorms affected the southeastern New Mexico plains during the late evening hours of the 25th and the very early morning hours of the 26th. Severe thunderstorms developed during the afternoon hours along the higher terrain of the New Mexico mountains, and produced large hail up to the size of hen eggs and damaging winds as they propagated southeast. In Eddy County, large hail punctured the roof of a Lakewood home and allowed heavy rain to enter the structure. In addition, an aircraft hanger was damaged by severe thunderstorm winds at the Lovington Airport in Lea County.

Eddy County

18 ENE Carlsbad to
22 ENE Carlsbad

27	2209MST								
28	0030MST				0	0	150K	0	Flash Flood

The public reported up to two feet of water flowing over New Mexico Route 31 in eastern Eddy County at 22:09 MDT. By 22:45 MDT, local law enforcement officials had closed the highway to through traffic. Flood waters washed out 150 feet of railroad track that parallels the state route. Rail traffic was halted for more than a week until crews were able to repair the damage.

Lea County

Lovington

28	0130MST								
	0400MST				0	0	0	0	Flash Flood

A Lovington police detective reported flash flooding along several city streets. A few streets were impassable due to flowing flood waters.

Strong thunderstorms over the southeastern New Mexico plains resulted in flash flooding across parts of eastern Eddy and Lea Counties. Several area highways and city streets were rendered impassable by flowing flood waters. A railroad track section near New Mexico State Highway 31 was destroyed by the flood waters.

Eddy County

4 SE Carlsbad

29	1700MST								
					0	0	0	0	Hail(1.50)

The public reported that ping pong ball size hail fell over U.S. Highway 285 southeast of Carlsbad

Eddy County

Malaga to
1 S Malaga

29	1752MST								
	1755MST				0	0	0	0	Hail(0.75)

Penny size hail was reported near Malaga.

Isolated severe thunderstorms produced large hail over portions of Eddy County during the early evening hours of the 29th. Hail ranging in size from pennies to ping pong balls was reported between Carlsbad and Malaga.

Lea County

6 N Maljamar

30	2010MST								
					0	0	4K	0	Thunderstorm Wind (EG52)

A local utility company reported that a power pole was blown down by severe thunderstorm winds north of Maljamar

Lea County

6 NW Hobbs to
1 SE Hobbs

30	2135MST								
	2200MST				0	0	0	0	Hail(1.75)

Numerous large hail reports were received ranging in size from pennies to golfballs in the vicinity of Hobbs. Initial reports indicated penny size hail along State Highway 18 northwest of Hobbs. Additional reports indicated quarter to golfball size hail in the city. No reports of significant damage were received.

Lea County

10 W Hobbs

30	2150MST								
					0	0	0	0	Thunderstorm Wind (EG52)

Local law enforcement officials reported that severe thunderstorm winds accompanied large hail near the the Hobbs Airport. Gusts were estimated to be 60 MPH.

A long-lived supercell with a history of producing tornadoes over Chaves County propagated east-southeast across the plains of southeastern New Mexico during the late evening of the 30th. This storm produced damaging winds and large hail as it affected



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NEW MEXICO, Southeast

portions of central Lea County.

TEXAS, West

Culberson County

4 S Van Horn

05 1930CST
 1945CST 0 0 0 0 **Hail(0.75)**

Strong to severe convection developed along the higher terrain of far west Texas and extreme northern Mexico during the afternoon of the 5th. An isolated supercell thunderstorm tracked east across southern Culberson County during the evening hours. Large hail accumulated along U.S. Highway 90 south of Van Horn. The Texas Department of Transportation reported hail remained and continued to cover grassy areas at 08:00 CST on the morning of the 6th, some twelve hours after the storm.

Reagan County

1 E Big Lake

07 2115CST
 2120CST 0 0 0 0 **Hail(0.75)**

Scattered convection developed over the Trans Pecos region and propagated northeast over the southeastern Permian Basin of west Texas on the evening of the 7th. An isolated storm became severe during the late evening hours and produced penny size hail just east of Big Lake.

Ward County

8 S Monahans

10 1624CST 0 0 0 0 **Hail(0.88)**

Nickel size hail was reported at the intersection of Farm to Market Road 1776 and Texas Highway 18.

Gaines County

22 WNW Seminole

10 1720CST 0 0 10K 0 **Thunderstorm Wind (EG57)**

Emergency management officials in Gaines County reported that several power lines and trees were blown down by severe thunderstorm winds at the intersection of County Road 210 and Farm to Market Road 3306 in northwestern Gaines County. The winds were associated with a severe left moving supercell that resulted in extensive hail and wind damage near Hobbs, New Mexico prior to moving over parts of Gaines County.

Severe thunderstorms erupted along a dryline during the late afternoon of the 10th, and produced large hail and damaging winds across parts of west Texas. A supercell storm in Ward County produced hail up to the size of nickels. An anticyclonic member of a splitting supercell resulted in damaging winds across northwestern Gaines County

Brewster County

6 W Marathon to
Marathon

12 1645CST
 1730CST 0 0 0 0 **Hail(1.75)**

Reports of large hail were received as an isolated severe thunderstorm tracked along U.S. Highway 90 near Marathon. Initial reports indicated golfball size hail west of town. Nickel size hail was reported as the storm moved over Marathon

Pecos County

9 NNW Longfellow

13 1435CST
 1440CST 0 0 0 0 **Hail(0.75)**

A spotter from rural Pecos County reported that trees were stripped of their leaves by large hail along Longfellow Road in southern Pecos County.

Brewster County

25 NE Panther Junction

13 1754CST
 1805CST 0 0 15K 0 **Hail(1.75)**

A National Weather Service Cooperative Observer reported walnut to golfball size hail at Heath Canyon. The hail persisted for ten minutes, and caused damage to a travel trailer.



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TEXAS, West

Brewster County

25 NE Panther Junction	13	1755CST 1758CST			0	1	5K	0	Hail(2.75)
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The National Weather Service Cooperative Observer at Heath Canyon, noted in the previous entry, sustained minor injuries when he was struck on the head by a very large hail stone. Baseball size stones were sporadically mixed with smaller hail, but additionally caused damage to a nearby trailer.

Isolated severe thunderstorms affected the Big Bend area of west Texas during the late afternoon and evening hours of the 13th. Very large hail caused damage and one minor injury at Heath Canyon along the Rio Grande in eastern Brewster County.

Presidio County

Shafter	14	1730CST 1733CST			0	0	0	0	Hail(1.75)
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A spotter reported golfball size hail in Shafter. No damage was reported.

Presidio County

1.5 NW Presidio	14	1835CST 1836CST			0	0	0	0	Hail(0.75)
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Penny size hail was reported along Farm to Market Road 170 just northwest of Presidio

Jeff Davis County

8 SE Valentine	14	2220CST			0	0	0	0	Hail(0.88)
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Law enforcement officials reported nickel size hail in southern Jeff Davis County.

Scattered thunderstorms developed over the Davis Mountains, Big Bend, and Trans Pecos regions of west Texas during the afternoon and evening of the 14th. Some storms became severe and produced hail to the size of golfballs. No significant damage was reported.

Ector County

Odessa	15	0447CST			0	0	5K	0	Thunderstorm Wind (EG52)
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Ector County emergency management officials reported that several large trees were uprooted by severe thunderstorm wind gusts in Odessa.

Ector County

Odessa	15	0550CST 0930CST			0	0	250K	0	Flash Flood
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The Odessa Fire Department conducted thirty-five high water rescues as flash flooding of city streets stranded motorists in two to four feet of flowing flood waters. The Odessa American reported that the worst flooding occurred along Dixie Boulevard, Eighth Street, 42nd Street, and Muskingum Street.

Ector County

Odessa	15	0550CST			0	0	75K	0	Lightning
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Emergency management officials in Odessa reported that lightning was responsible for setting two structure fires in Odessa. The heavy rainfall that occurred over the city aided the firefighter's efforts and helped limit structural damage.

Midland County

Midland	15	0629CST 0830CST			0	0	15K	0	Flash Flood
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Reports of flash flooding in Midland were received as very heavy rainfall moved over the city. Initial reports indicated high water flowing through city streets, including Anetta and Eisenhower Streets near the intersection of Midland Drive in southern Midland. Several vehicles stalled in high water at the intersection of Wadley Drive and Godfrey Street by 06:53 CST, where water flowed over the hood of a pickup truck.

Midland County

Greenwood	15	0645CST			0	0	5K	0	Thunderstorm Wind (EG52)
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A trained spotter reported thunderstorm wind gusts estimated up to 60 MPH in Greenwood. The local broadcast media reported that



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TEXAS, West

several large trees were uprooted by the winds.

Mitchell County

12 SSW Westbrook	15	0820CST 0930CST			0	0	5K	0	Flash Flood
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A local radio station relayed a report of flash flooding that affected a rural homestead in southwestern Mitchell County. Local residents reported that more than two inches of rain fell in a short period of time. This resulted in high water that briefly threatened a home.

Howard County

Big Spring	15	0834CST 1030CST			0	0	0	0	Flash Flood
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Flash flooding along Beals Creek rendered several city streets near downtown Big Spring impassable. The worst flooding was reported near the intersections of Sixth and Circle Streets, and Second and Denton Streets.

Ector County

Odessa	15	1200CST 1345CST			0	0	0	0	Flash Flood
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A second round of showers and thunderstorms moved over Ector County during the late morning hours. Additional heavy rainfall resulted in renewed flash flooding in parts of Odessa. High water was reported flowing through several city streets, including the intersections of 16th and Moss Streets and VFW and Stephenson Streets.

A complex of showers and thunderstorms propagated over the Permian Basin of west Texas during the morning hours of the 15th. Isolated occurrences of small hail and damaging thunderstorm winds were associated with the convection over the central Permian Basin. These storms additionally produced very heavy rainfall with measured rainfall totals approaching two inches across parts of the area. Numerous reports of flash flooding resulted, mainly in urban areas. The worst flooding occurred in Odessa where fire crews conducted more than thirty high water rescues. No injuries were reported.

TXZ074

Davis / Apache Mountains Area

23		1600CST			0	0	0	0	Wildfire
26		1000CST							

During the afternoon of the 23rd, a rare dry lightning outbreak occurred over the Davis and Glass Mountains of west Texas. A total of six wildfires were sparked by the lightning between 16:00 and 18:00 CST across Brewster, Jeff Davis, and Pecos Counties. Gusty winds generated by the dry thunderstorms combined with triple digit temperatures and very low relative humidities to promote rapid fire growth. Fire fighting efforts were initially concentrated on a small fire that threatened the Davis Mountain Resort subdivision eleven miles north-northwest of Fort Davis. This fire was quickly subdued before any structural damage was sustained. Two of the blazes, however, became large and burned out of control for more than forty-eight hours.

The Davis Mountain Complex Wildfire burned more than 3,000 acres near the Buffalo Trail Council Boy Scout Camp ten miles north of Fort Davis. This fire burned brush in mainly inaccessible areas east of the McDonald Observatory. The fire hampered operations at the observatory and several scouting and church camps in the area, but all facilities remained open. The blaze was extinguished on the 26th following the arrival of a cold front and associated cooler temperatures and higher relative humidity.

The largest fire burned more than 3,500 acres between Alpine and Marathon in northern Brewster County. The Mitre Peak Wildfire was fought by more than sixty people including officials from local volunteer fire departments, the Texas Forest Service Hot Shot unit, the National Park Service, the Texas Division of Emergency Management, and three Texas Department of Public Safety helicopter crews. The fire was brought under control during improving weather conditions on the 26th.



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TEXAS, West									
Glasscock County									
St Lawrence to 9 E St Lawrence	25	1730CST 1830CST			0	0	0	0	Hail(1.25)
A National Weather Service Cooperative Observer reported half dollar size hail in St. Lawrence. Multiple reports were received by local officials of additional large hail as the storm moved east of St. Lawrence during the next hour.									
Pecos County									
Imperial	25	1820CST			0	0	25K	0	Thunderstorm Wind (EG52)
Fire department officials in Imperial reported that several 250 gallon diesel tanks were blown over by severe thunderstorm winds. In addition, a trampoline was lofted by the winds and blown over a house.									
Upton County									
1 WNW Rankin	25	1830CST 2000CST			0	0	3K	0	Flash Flood
A National Weather Service Cooperative Observer reported that high water from flash flooding threatened her home just northwest of Rankin. Water was entering the back of her residence at 18:30 CST. The water receded before causing significant damage.									
Upton County									
Mc Camey	25	1834CST			0	0	0	0	Hail(0.75)
Glasscock County									
14 WNW St Lawrence	25	1943CST			0	0	0	0	Hail(0.75)
A storm spotter reported penny size hail along Farm to Market Road 1379 at the Midland and Glasscock County line.									
Midland County									
12 SSE Spraberry	25	1943CST			0	0	0	0	Hail(0.75)
A storm spotter reported penny size hail along Farm to Market Road 1379 at the Midland and Glasscock County line									
Glasscock County									
Garden City to 8 S Garden City	25	2010CST 2017CST			0	0	0	0	Hail(0.88)
Spotters reported hail ranging in size from nickels to quarters near Garden City and south along Farm to Market Road 33.									
Howard County									
Forsan	25	2049CST			0	0	0	0	Hail(0.75)
Howard County									
5 S Big Spring	25	2112CST 2330CST			0	0	0	0	Flash Flood
Storm spotters reported that flash flooding caused high water to inundate the intersection of U.S. Highway 87 and Farm to Market Road 33 south of Big Spring. More than one foot of flowing water covered the driving surface									
Howard County									
Big Spring	25	2118CST 2126CST			0	0	0	0	Hail(1.00)
Numerous reports of hail ranging in size from pennies to quarters were received from Big Spring.									
Gaines County									
1 S Seminole to Seminole	25	2254CST			0	0	2K	0	Thunderstorm Wind (EG52)
Law enforcement officials reported that severe thunderstorm winds downed power lines on the south side of Seminole.									
Andrews County									
Florey to	25	2257CST			0	0	0	0	Hail(1.00)



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TEXAS, West

4 W Andrews

2320CST

A local television station relayed a report of quarter size hail in Florey. Additional reports from Florey indicated that the hail killed numerous birds. The storm propagated south and produced quarter size hail that covered the ground west of Andrews along State Highway 176 by 23:20 CST.

Dawson County

**15 NNE Lamesa to
16 NNE Lamesa**

**25 2300CST
26 0300CST**

0 0 0 100K Flash Flood

A rural resident reported that heavy rainfall resulted in flash flooding that washed out a cotton crop and inundated secondary roadways off U.S. Highway 87 in northern Dawson County.

Gaines County

Seminole

**25 2305CST
26 2320CST**

0 0 0 0 Hail(1.00)

Several reports were received of nickel to quarter size hail in Seminole.

Gaines County

Seminole

**25 2326CST
26 0130CST**

0 0 75K 0 Flash Flood

Local law enforcement officials reported that heavy rainfall caused flash flooding in the streets of Seminole. Six vehicles were reported to be stranded in the flowing flood waters. Several motorists were rescued by fire department personnel. No injuries were reported.

Dawson County

Lamesa

25 2327CST

0 0 4K 0 Thunderstorm Wind (EG52)

Law enforcement officials reported that severe thunderstorm winds blew down at least one utility pole in Lamesa.

Loving County

**24 NE Mentone to
11 ENE Mentone**

**26 0305CST
0335CST**

0 3 500K 0 Thunderstorm Wind (EG70)



The above image shows one of three trailer homes that were destroyed at remote oil fields in eastern Loving County as destructive winds swept over the county during the early morning hours of the 26th. Three oil field employees were injured. Photo courtesy: National Weather Service - Midland, Texas.

Destructive winds estimated to be 80 mph affected portions of Loving County. Twenty-six power poles were blown down along a five mile stretch of Highway 302 west of the Loving and Winkler County line. This resulted in widespread power outages. Three oil



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2005

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

field workers were injured when their trailers were destroyed by the winds.

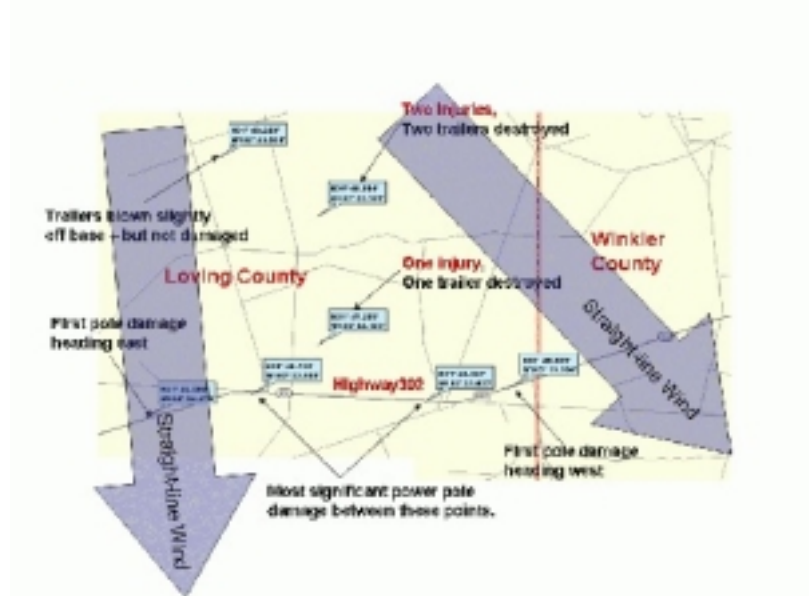
Winkler County
3 NW Wink

26	0353CST				0	0	0	0	Thunderstorm Wind (MG55)
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The Winkler County Airport ASOS recorded a severe thunderstorm wind gust to 63 MPH. No damage was reported in Winkler County.

Ward County
Pyote

26	0431CST				0	0	4K	0	Thunderstorm Wind (EG52)
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A map of eastern Loving and western Winkler Counties showing the location of the most intense damage (and resulting injuries) associated with the May 26 bow-echo convective complex. The above graphic is based on a National Weather Service damage survey.

Local officials reported that severe thunderstorm winds blew down a utility pole in Pyote.

During the early morning hours of the 26th, an organized line of convection evolved into a bow-shaped complex and propagated southeastward across the Upper Trans Pecos region of west Texas. A widespread swath of severe winds accompanied the bow over Loving, Ward, and Winkler Counties. Significant damage occurred in Loving County, where three trailer houses located at remote oil fields were destroyed by winds estimated at 80 MPH. Three oil field workers were injured. In addition, at least twenty-five power poles were blown down by the winds.

Ward County
Barstow

26	0520CST				0	0	35K	0	Lightning
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A lightning strike sparked an early morning residential fire in Barstow. No injuries were reported.

Reagan County
Big Lake to
1 S Big Lake

26	0600CST 0930CST				0	0	0	0	Flash Flood
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Law enforcement officials in Big Lake reported that flash flooding resulted in high water flowing through several city streets. At 06:00 CST, water was reportedly up to the doors on several vehicles. Water flowed over the curbs on many streets. By 08:40 CST nearly six inches of water flowed over Farm to Market Road 1676 just south of U.S. Highway 67.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 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

4 SW Rankin to 2 N Rankin **26** **0630CST** **0** **0** **5K** **0** **Flash Flood**
0900CST

Multiple reports of flash flooding were received from the Rankin area. Initial reports indicated that flood waters were inundating the porch at the Rankin Airport offices. by 06:30 CST, flowing water had inundated several area highways. The intersection of State Highway 349 and U.S. Highway 67 was impassable, as were several city streets. By 08:00 CST flash flooding had rendered State Highway 349 impassable with more than two feet of water flowing over the roadway north of Rankin

Ector County

Odessa to 5 SW Goldsmith **26** **0648CST** **0** **0** **0** **0** **Flash Flood**
0820CST

Ector County and Odessa officials reported flash flooding from near Goldsmith to Odessa. At 06:48 the Odessa Fire Department barricaded the intersection of Dixie and Center due to flowing water. Nearly half a foot of water also was reported flowing across Farm to Market Road 181 near the intersection with State Highway 302.

A significant round of severe weather affected west Texas late on the 25th and during the morning hours of the 26th. Scattered thunderstorms initiated late in the afternoon across the Permian Basin of west Texas and produced large hail. By late evening the focus for initiation shifted west across the western Permian Basin and the Trans Pecos region. Large hail and damaging winds accompanied this activity.

Convection became widespread over the Permian Basin before sunrise on the 26th. A swath of damaging winds swept over portions of the Upper Trans Pecos during the pre-dawn hours and resulted in multiple injuries when trailer homes were destroyed in eastern Loving County. Locally heavy rainfall resulted in flash flooding across much of the area. Several area highways had to be closed due to high water.

Pecos County

2 N Ft Stockton **27** **1650CST** **0** **0** **0** **0** **Hail(1.00)**

The public reported quarter size hail just north of Fort Stockton.

Pecos County

3 N Ft Stockton to 15 SE Ft Stockton **27** **1700CST** **0** **0** **0** **0** **Flash Flood**
2130CST

Local officials reported flash flooding across a large part of central Pecos County during the late afternoon and evening hours of the 27th. The initial reports indicated several city streets were inundated with flood waters, including James and Jackson Streets, and the Sanderson Highway. County roads also were reported to be impassable north of the city. By 19:01 CST over six inches of water was reported flowing across U.S. Highway 285 southeast of Fort Stockton. High water additionally was reported flowing over portions of U.S. Highway 385 between Fort Stockton and Marathon.

Reeves County

Pecos **27** **1730CST** **0** **0** **50K** **0** **Thunderstorm Wind (EG52)**

A delayed report (received in August) indicated that severe thunderstorm winds struck Pecos during the early evening of the 27th. Large trees and fences were reported to have been blown down by the winds, and a few structures sustained minor roof damage. At least one vehicle was severely damaged when it was struck by flying debris. The time of the event is estimated.

Brewster County

Marathon **27** **1910CST** **0** **0** **0** **0** **Hail(1.00)**
1916CST

Quarter size hail was reported in Marathon.



National Weather Service Storm Data and Unusual Weather Phenomena



May 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

Upton County

7 N Rankin to Rankin

27	1944CST 2130CST				0	0	50K	0	Flash Flood
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Law enforcement officials reported flash flooding along State Highway 349 north of Rankin. Flowing flood waters inundated the highway seven miles north of the city. By 19:56 CST residents in Rankin reported that heavy rainfall and flash flooding resulted in high water that entered several homes. A National Weather Service Cooperative Observer reported that up to five inches of rain had fallen during the past forty-eight hours.

Brewster County

15 NE Marathon

27	2011CST 2200CST				0	0	0	0	Flash Flood
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Very heavy rainfall associated with the severe storm over Marathon resulted in street flooding of many city streets. Motorists traveling along U.S. Highway 385 between Fort Stockton and Marathon reported intermittent flash flooding along that route in northern Brewster County. The Texas Department of Transportation was dispatched to barricade portions of the highway.

Pecos County

Iraan

27	2111CST 2330CST				0	0	0	0	Flash Flood
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Local officials reported that heavy rainfall resulted in flash flooding in Iraan. Numerous city streets were reported to be inundated with flowing flood waters. No damage was reported.

Terrell County

36 N Dryden

27 28	2200CST 0100CST				0	0	0	0	Flash Flood
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Local residents reported debris from overnight flash flooding covering portions of Farm to Market Road 2400 in northern Terrell County. Large amounts of caliche, rocks, dirt, and other debris was deposited across the highway near several low water crossings. The event time is estimated based on radar.

Upton County

8 W Midkiff

27 28	2213CST 0100CST				0	0	0	0	Flash Flood
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The Texas Department of Transportation closed a stretch of State Highway 349 just south of the Midland and Upton County line, as heavy rainfall and the resulting flash flooding inundated portions of that highway.

Scattered strong to severe thunderstorms produced locally heavy rainfall and large hail across portions of the Trans Pecos and the southern Permian Basin regions of west Texas. Hail up to the size of quarters was reported with the strongest storms in Pecos and Brewster Counties. Severe thunderstorm winds resulted in minor damage in Reeves County. The most significant flooding occurred in Upton County, where high water threatened several residences in Rankin.

Crane County

Crane

28	1343CST				0	0	10K	0	Thunderstorm Wind (EG52)
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Severe thunderstorm winds downed power lines in Crane.

Ector County

Odessa

28	1428CST 1600CST				0	0	75K	0	Flash Flood
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Flash flooding in Odessa resulted in significant traffic problems on many city streets. Stalled vehicles were reported at several locations within the city, including the intersection of Dixie and 23rd Streets. The Odessa Fire Department conducted six high water rescues during the event. No injuries were reported during the rescue efforts that occurred at the intersection of 17th and Tom Green Streets, and along Muskingum Street.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 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

Midland County

4 NW Midland to Midland	28	1437CST 1630CST			0	0	0	0	Flash Flood
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Several reports of flash flooding were received from areas in and around Midland during the afternoon of the 28th. The intersection of County Road 60 and State Highway 158 was inundated by almost a half-foot of flowing water. Similar flash flooding conditions were reported along several city streets in the north part of the city, including at the intersection of Briarwood and Northcrest. At least one foot of flowing flood waters covered the intersection of Midkiff and Andrews Highway. No damage or injuries were reported.

A complex of strong to severe thunderstorms tracked over the central Permian Basin of west Texas during the afternoon of the 28th. In addition to damaging winds over the southern Permian Basin, this activity produced very heavy rainfall over the urban areas of Midland and Odessa that resulted in flash flooding. The most significant public impact was in Odessa, where firefighters rescued several motorists from stalled vehicles in flowing flood waters. No injuries were reported.

Gaines County

17 WSW Seminole	30	2330CST 2335CST			0	0	0	100K	Hail(0.75)
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A previously tornadic supercell propagated east-southeast from the plains of southeastern New Mexico and over the northwestern Permian Basin of west Texas during the late evening of the 30th. Farmers reported minor crop damage from large hail and strong thunderstorm winds over southwestern Gaines County.

Borden County

14 NE Gail to 8 NE Gail	31	0630CST 0700CST			0	0	0	0	Hail(1.75)
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Large hail up to the size of golfballs stripped trees along a swath northeast of Gail near Four Mile Lane and Farm to Market Road 612.

Borden County

8 NE Gail	31	0635CST			0	0	0	0	Thunderstorm Wind (EG52)
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Thunderstorm wind gusts estimated to 60 MPH accompanied the large hail northeast of Gail

Borden County

14 NE Gail	31	0645CST			0	0	0	0	Hail(2.00)
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A few very large hail stones occasionally mixed with the penny to golfball size hail northeast of Gail. Although no significant damage was reported, many trees were stripped of their leaves.

Scurry County

Fluvanna	31	0707CST			0	0	0	0	Hail(1.75)
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A local radio station relayed a report of golfball size hail near Fluvanna.

Scurry County

11 WSW Ira to Ira	31	0715CST 0755CST			0	0	0	0	Hail(1.75)
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Penny to golfball size hail was reported by the public from rural areas of southwestern Scurry County near Knapp, to Ira. No significant damage was reported.

Scurry County

1 N Ira to Ira	31	0726CST 0745CST			0	0	0	0	Thunderstorm Wind (EG52)
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Thunderstorm wind gusts estimated to be 60 MPH accompanied large hail near Ira.

Mitchell County

Loraine	31	0810CST 0812CST			0	0	0	0	Hail(1.00)
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The public and an employee at the local post office reported quarter size hail in Loraine. The hail reportedly covered the ground



National Weather Service

Storm Data and Unusual Weather Phenomena



May 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

Mitchell County

12 SSE Colorado City to 15 SSE Colorado City	31	0856CST			0	0	0	0	Hail(1.75)
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A trained spotter reported hail of varying sizes up to golfballs embedded in very heavy rain

A complex of strong to severe convection propagated southeast across the western low rolling plains and the northeastern Permian Basin of west Texas during the morning hours of the 31st. This activity produced large hail up to the size of hen eggs and severe thunderstorm winds gusts. The local broadcast media and Texas Department of Public Safety officials reported that heavy rainfall and slick driving conditions on Interstate 20 indirectly contributed to a traffic accident in Mitchell County near Loraine. One motorist involved in the accident was transported to a local hospital and treated for injuries.

Mitchell County

Colorado City	31	1915CST			0	0	0	0	Hail(1.75)
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A local radio station reported golfball size hail in the southeast side of Colorado City.

Mitchell County

4 SSE Colorado City to 18 SSE Colorado City	31	1944CST 2030CST			0	0	0	0	Hail(1.75)
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A local television meteorologist and rural residents reported nickel to golfball size hail along State Route 208 south of Colorado City as a second severe storm affected the area.

Scurry County

6 NW Snyder	31	2055CST 2100CST			0	0	0	0	Hail(1.00)
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The Snyder Fire Department reported nickel to quarter size hail along U.S. Highway 84 northwest of Snyder

Mitchell County

3 N Colorado City	31	2226CST			0	0	0	0	Hail(1.75)
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The Colorado City Police Department reported quarter size hail along State Route 208 north of the city

Mitchell County

Loraine	31	2250CST 2345CST			0	0	0	0	Flash Flood
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Flash flooding resulted in half a foot of water flowing through many city streets in Loraine. Storm spotters reported that the street flooding was brief and that no damage or injuries occurred.

Isolated supercell thunderstorms developed along a dryline over the eastern Permian Basin of west Texas during the late afternoon and evening of the 31st. The first storm initiated over far eastern Howard County and rapidly became severe as it propagated east, then southeast over Mitchell County. This storm resulted in a swath of large hail up to the size of golfballs as it tracked near Colorado City and then southeastward along State Route 208.

A long-lived supercell propagated southeast out of the west Texas south plains and over Scurry County during the mid to late evening hours. This storm produced large hail as it tracked southeastward from near Snyder and eventually weakened near Colorado City.

Very heavy rainfall from both storms contributed to flash flooding in Loraine by late evening. No reports of significant damage were received.