

Storm Data and Unusual Weather Phenomena - March 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NEW MEXICO, Southeast				
EDDY COUNTY --- LOVING [32.28, -104.10]				
	03/23/07 02:04 MST	0		Hail (0.88 in)
	03/23/07 02:08 MST	0		Source: Trained Spotter
Penny to nickel size hail fell in Loving, NM.				
EDDY COUNTY --- (CNM)CARLSBAD ARPT [32.33, -104.27]				
	03/23/07 03:50 MST	0		Hail (0.88 in)
	03/23/07 03:50 MST	0		Source: Public
LEA COUNTY --- MC DONALD [33.13, -103.32]				
	03/23/07 04:50 MST	0		Hail (0.88 in)
	03/23/07 05:00 MST	0		Source: Public
<p>Deep moisture in advance of a powerful upper level storm system combined with wind shear and instability to produce conditions favorable for severe storm development. These storms developed in the higher terrain of southeastern New Mexico and west Texas. Large hail was the primary threat of these storms, with the largest hail falling in Terrell County, Texas along U.S. Highway 90 about the size of golfballs.</p>				
LEA COUNTY --- 3.0 NE LOVINGTON [32.96, -103.31], LOVINGTON [32.93, -103.35]				
	03/28/07 18:27 MST	0		Hail (1.25 in)
	03/28/07 18:29 MST	0		Source: Law Enforcement
Pea to half-dollar size hail fell in a swath from Lovington to just northeast of Lovington.				
LEA COUNTY --- 3.0 NE LOVINGTON [32.96, -103.31]				
	03/28/07 18:30 MST	0		Hail (1.50 in)
	03/28/07 18:41 MST	0		Source: Trained Spotter
LEA COUNTY --- CROSSROADS [33.52, -103.33], KNOWLES [32.83, -103.08]				
	03/28/07 18:56 MST	0		Hail (1.75 in)
	03/28/07 19:11 MST	0		Source: Fire Department/Rescue
Penny to golfball size hail fell in a swath from Crossroads to Knowles.				
LEA COUNTY --- KNOWLES [32.83, -103.08], 4.0 E KNOWLES [32.83, -103.01]				
	03/28/07 19:30 MST	0		Hail (1.75 in)
	03/28/07 19:30 MST	0		Source: Amateur Radio
Golfball size hail fell between Knowles and the Lea, New Mexico and Gaines, Texas county line.				
LEA COUNTY --- 1.0 N HOBBS [32.71, -103.13], 9.0 SW EUNICE [32.34, -103.26]				
	03/28/07 20:32 MST	0		Hail (0.88 in)
	03/28/07 20:43 MST	0		Source: Public
Pea to nickel size hail fell in and around Hobbs and Eunice.				
LEA COUNTY --- 6.0 E HOBBS [32.70, -103.03]				
	03/28/07 21:01 MST	0		Hail (0.75 in)
	03/28/07 21:01 MST	0		Source: Emergency Manager
<p>A weak shortwave progressing through upper level southerly flow combined with instability along an eastward mixing dryline to produce severe thunderstorms across west Texas and southeastern New Mexico. A strong low level jet and an approaching cold front increased both instability and lift.</p> <p>Though a tornado watch was issued for much of the Permian Basin and the upper Trans-Pecos, large hail ended up being the primary threat. No tornadoes were reported with these storms.</p>				
EDDY COUNTY --- 10.0 S HOPE [32.66, -104.73], HOPE [32.80, -104.73]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/23/07 12:42 MST		0	Hail (1.00 in)
	03/23/07 13:00 MST		0	Source: Trained Spotter

Marble to quarter size hail was reported in Hope.

EDDY COUNTY --- QUEEN [32.20, -104.73]

	03/23/07 12:44 MST		0	Hail (1.75 in)
	03/23/07 12:50 MST		0	Source: Trained Spotter

Marble to golfball size hail fell in Queen.

EDDY COUNTY --- WHITES CITY [32.17, -104.37]

	03/23/07 12:48 MST		0	Hail (1.00 in)
	03/23/07 12:48 MST		0	Source: Trained Spotter

EDDY COUNTY --- 7.0 W CARLSBAD [32.42, -104.35], 7.0 NW CARLSBAD [32.49, -104.31]

	03/23/07 12:54 MST		0	Hail (1.25 in)
	03/23/07 13:14 MST		0	Source: Trained Spotter

Penny to half-dollar size hail fell west and northwest of Carlsbad.

EDDY COUNTY --- 7.0 W CARLSBAD [32.42, -104.35], 7.0 NW CARLSBAD [32.49, -104.31]

	03/23/07 13:05 MST		0	Hail (1.25 in)
	03/23/07 13:14 MST		0	Source: Trained Spotter

Quarter to half-dollar size hail fell west and northwest of Carlsbad.

EDDY COUNTY --- 5.0 NNW CARLSBAD [32.49, -104.26]

	03/23/07 13:23 MST		0	Hail (1.25 in)
	03/23/07 13:23 MST		0	Source: Trained Spotter

Half dollar size hail reported in the McNew subdivision on U.S. Highway 285 north-northwest of Carlsbad.

EDDY COUNTY --- LOVING [32.28, -104.10], OTIS [32.35, -104.17]

	03/23/07 13:39 MST		0	Hail (0.88 in)
	03/23/07 13:44 MST		0	Source: Trained Spotter

Penny to nickel size hail fell in a swath from Loving to Otis.

EDDY COUNTY --- WHITES CITY [32.17, -104.37]

	03/23/07 13:51 MST		0	Hail (1.00 in)
	03/23/07 13:53 MST		0	Source: Trained Spotter

Penny to quarter size hail fell in Whites City.

EDDY COUNTY --- 1.0 N MALAGA [32.23, -104.07], LOVING [32.28, -104.10]

	03/23/07 13:53 MST		0	Hail (1.00 in)
	03/23/07 13:53 MST		0	Source: Trained Spotter

Penny to quarter size hail fell in a swath along U.S. Highway 285 between Malaga and Loving.

EDDY COUNTY --- CARLSBAD [32.42, -104.23], 16.0 S LAKEWOOD [32.40, -104.37]

	03/23/07 13:54 MST		0	Hail (1.75 in)
	03/23/07 14:12 MST		0	Source: Trained Spotter

Quarter to golfball size hail fell from Carlsbad to west and southwest of Carlsbad.

EDDY COUNTY --- 2.0 NNE LAKEWOOD [32.66, -104.36], 12.0 N CARLSBAD [32.59, -104.23]

	03/23/07 14:00 MST		0	Hail (1.75 in)
	03/23/07 14:13 MST		0	Source: Trained Spotter

Quarter to golfball size hail fell in a swath from north-northeast of Lakewood to Brantley Lake State Park.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
EDDY COUNTY --- 2.0 W LOCO HILLS [32.82, -104.01]				
	03/23/07 14:05 MST	0		Hail (0.88 in)
	03/23/07 14:05 MST	0		Source: Trained Spotter
Nickel size hail fell on U.S. Highway 82.				
EDDY COUNTY --- 6.0 S CARLSBAD [32.33, -104.23]				
	03/23/07 14:13 MST	0		Hail (0.75 in)
	03/23/07 14:13 MST	0		Source: Trained Spotter
EDDY COUNTY --- 5.0 S ARTESIA [32.76, -104.40]				
	03/23/07 14:20 MST	0		Hail (1.75 in)
	03/23/07 14:20 MST	0		Source: Trained Spotter
Quarter to golfball size hail fell south of Artesia.				
EDDY COUNTY --- 10.0 S ARTESIA [32.69, -104.40], ARTESIA [32.83, -104.40]				
	03/23/07 14:22 MST	0		Hail (1.75 in)
	03/23/07 14:29 MST	0		Source: Trained Spotter
Penny to golfball size hail fell in and around Artesia.				
EDDY COUNTY --- 7.0 W LOCO HILLS [32.82, -104.10]				
	03/23/07 14:29 MST	0		Hail (2.00 in)
	03/23/07 14:29 MST	0		Source: Trained Spotter
Quarter to lime size hail fell west of Loco Hills.				
EDDY COUNTY --- ARTESIA [32.83, -104.40]				
	03/23/07 14:51 MST	0		Hail (0.75 in)
	03/23/07 14:51 MST	0		Source: Amateur Radio
LEA COUNTY --- 14.0 N TATUM [33.45, -103.32], 3.0 SW CROSSROADS [33.49, -103.37]				
	03/23/07 15:45 MST	0		Hail (2.75 in)
	03/23/07 16:45 MST	0		Source: Amateur Radio
Golfball hail was found on the ground north of Tatum...this hail was observed by NWS damage survey team the following day in piles of pea to quarter size hail. Interviews during the damage survey indicated that hail piled to six inches deep and ranged from quarter to golfball size hail with a few baseball sized hailstones. Time is estimated from depth and size of the hailstones and from archived radar data indicating location and duration of the storm.				
EDDY COUNTY --- 5.0 S CARLSBAD [32.35, -104.23], 10.0 E CARLSBAD [32.42, -104.06]				
	03/23/07 16:20 MST	0		Hail (1.75 in)
	03/23/07 16:45 MST	0		Source: Trained Spotter
Penny to golfball size hail fell in and around Carlsbad.				
LEA COUNTY --- 14.0 N TATUM [33.45, -103.32]				
	03/23/07 16:43 MST	0		Hail (1.75 in)
	03/23/07 16:43 MST	0		Source: Trained Spotter
Golfball size hail fell three mile north of the intersection of N.M. Highway 206 and Lea County Road 165.				
EDDY COUNTY --- CARLSBAD [32.42, -104.23], MALAGA [32.22, -104.07]				
	03/23/07 17:20 MST	0		Flash Flood (due to Heavy Rain)
	03/23/07 22:00 MST	0		Source: Emergency Manager
Numerous people in Carlsbad reported flash flooding. Some of the reports include four to six inches of water flowing across low lying roads at the beginning of the evening to three to four feet of water in major intersections in Carlsbad by the end of the night. Black River Road, Ogden Road, and Higby Hole Road in the Loving/Malaga area were barricaded due to flood waters. Illinois Camp Road in Carlsbad was declared impassable.				
EDDY COUNTY --- CARLSBAD [32.42, -104.23], 1.0 E (CNM)CARLSBAD ARPT [32.33, -104.25]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/23/07 17:32 MST		0	Hail (1.75 in)
	03/23/07 17:50 MST		0	Source: Trained Spotter

Quarter to golfball size hail was reported in and around Carlsbad and the Carlsbad Airport.

EDDY COUNTY --- LAKEWOOD [32.63, -104.37]

03/23/07 18:16 MST	0	Hail (0.75 in)
03/23/07 18:16 MST	0	Source: Amateur Radio

EDDY COUNTY --- LAKEWOOD [32.63, -104.37]

03/23/07 18:16 MST	0	Hail (0.75 in)
03/23/07 18:18 MST	0	Source: Emergency Manager

EDDY COUNTY --- CARLSBAD [32.42, -104.23], 8.0 S CARLSBAD [32.30, -104.23]

03/23/07 18:19 MST	0	Hail (1.75 in)
03/23/07 18:50 MST	0	Source: Amateur Radio

Penny to golfball size hail fell in and around Carlsbad.

EDDY COUNTY --- 10.0 ESE LAKEWOOD [32.57, -104.21]

03/23/07 19:00 MST	0	Tornado (EF0, L: 0.10 mi , W: 20 yd)
03/23/07 19:00 MST	0	Source: Trained Spotter

A brief rope tornado was reported over open rangeland east-southeast of Lakewood.

LEA COUNTY --- 5.0 NW TATUM [33.30, -103.38]

03/23/07 19:15 MST	0	Hail (0.75 in)
03/23/07 19:15 MST	0	Source: Trained Spotter

A spotter reported 80 mph winds and penny size hail. No damage reported.

LEA COUNTY --- 5.0 NW TATUM [33.30, -103.38]

03/23/07 19:15 MST	0	Thunderstorm Wind (EG 70 kt)
03/23/07 19:15 MST	0	Source: Trained Spotter

A spotter reported 80 mph winds and penny size hail. No damage reported.

EDDY COUNTY --- 2.0 E CARLSBAD [32.42, -104.20]

03/23/07 19:45 MST	0	Hail (0.75 in)
03/23/07 19:45 MST	0	Source: Trained Spotter

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

03/23/07 20:24 MST	0	Thunderstorm Wind (MG 71 kt)
03/23/07 20:27 MST	0	Source: COOP Observer

A NWS cooperative observer reported gusts between 70 and 82 mph on an anemometer. No damage was reported.

LEA COUNTY --- LOVINGTON [32.93, -103.35], 7.0 W TATUM [33.25, -103.44]

03/23/07 21:30 MST	0	Flash Flood (due to Heavy Rain)
03/24/07 06:00 MST	0	Source: NWS Employee

Multiple thunderstorms trained across Lea County for much of the night and produced flash flooding that was evident to NWS Damage Survey team members the following day. Several miles west of Tatum, team members discovered a three to four foot deep lake that is normally open field. In and around Lovington, there were locations that had running water alongside the road 18 hours after the last storm had moved through.

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

03/23/07 21:33 MST	0	Hail (0.88 in)
03/23/07 21:33 MST	0	Source: Public

LEA COUNTY --- 7.0 NW HOBBS [32.77, -103.22]

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	03/23/07 21:55 MST		0	Hail (1.00 in)
	03/23/07 21:55 MST		0	Source: Trained Spotter

Quarter size hail fell between Lovington and Hobbs on N.M. Highway 18.

EDDY COUNTY --- CARLSBAD [32.42, -104.23], MALAGA [32.22, -104.07]

	03/23/07 22:25 MST		0	Flash Flood (due to Heavy Rain)
	03/24/07 01:41 MST		0	Source: Law Enforcement

Flash flooding continued over portions of Eddy County well into the night with several roads barricaded in both the Carlsbad and Loving and Malaga areas. Six to eight inches of water flowed across Old Cavern Highway as well.

An upper level storm system moved east across northern Mexico across west Texas and southeastern New Mexico. Ahead of this system, a moist and unstable airmass was in place. As temperatures warmed throughout the day, the atmosphere became more unstable. Storms initiated in the Big Bend and across the mountains of southeastern New Mexico and moved north and eastward. The Midland county warning area saw five recorded tornadoes on the 23rd, four in New Mexico and one in Texas. The four in New Mexico were documented by both trained Skywarn spotters and by a National Weather Service damage survey team. The tornado in Texas was recorded by a television news/weather crew in the area. Baseball size hail was also associated with the Texas storm.

LEA COUNTY --- 12.0 WSW LOVINGTON [32.86, -103.54], 10.0 WSW LOVINGTON [32.87, -103.51]

	03/23/07 15:32 MST		0	Tornado (EF0, L: 3.00 mi , W: 30 yd)
	03/23/07 15:38 MST		0	Source: Trained Spotter

At 4:32 pm MDT, a trained Skywarn spotter, reported a tornado touchdown with a small debris cloud approximately 12 miles WSW of Lovington. At 4:36 pm MDT, trained spotters viewed the same tornado from N.M. Highway 457 looking southward. Damage survey interviews with officials and residents revealed that the brief tornado remained over open pasture lands. An EF0 rating was assigned to this tornado.

LEA COUNTY --- 7.5 W MC DONALD [33.13, -103.45], 6.5 W TATUM [33.25, -103.43]

	03/23/07 16:07 MST	28K		Tornado (EF2, L: 8.36 mi , W: 880 yd)
	03/23/07 16:14 MST	0		Source: Trained Spotter

At 4:50 pm MDT, spotters indicated the presence of two wall clouds. Primary indications are that the new wall cloud spawned a second tornado with the supercell thunderstorm 7 1/2 miles west of the community of McDonald, just south of Lea County Road 147. Survey of damage along county road 147 led to an estimation of tornado width of 50 yards at this point.

The tornado continued to intensify as it moved northeast. Significant damage was seen 7 1/2 miles southwest of Tatum over ranchland. At this location, 13 wooden power poles were damaged, three snapped off at ground level and others snapped three to twelve feet above ground. A water trough weighing an estimated 300 pounds was thrown from the tornado for several hundred feet. The tornado was visually estimated to be a half mile in width and described as "clean" in appearance. Damage along this track supports this estimate. It is believed that this tornado lifted just south of N.M. Highway 380, six and a half miles west of Tatum. Spotters also confirmed that the tornado exhibited multiple vortex structure at times during its life cycle.

LEA COUNTY --- 8.5 S CROSSROADS [33.40, -103.33], 7.5 S CROSSROADS [33.41, -103.33]

	03/23/07 16:36 MST	0		Tornado (EF0, L: 1.00 mi , W: 100 yd)
	03/23/07 16:38 MST	0		Source: Trained Spotter

At 5:34 pm MDT, radar indicated redevelopment of a stronger mesocyclone just west of N.M. Highway 206, five miles south of Crossroads. At 5:36 pm MDT, spotters had visual indications of a rope tornado six miles south of Crossroads. This remained over range land just west of N.M. Highway 206. An EF0 rating was assigned to this tornado.

LEA COUNTY --- 3.0 SW CROSSROADS [33.49, -103.37]

	03/23/07 16:45 MST	2K		Tornado (EF0, L: 1.00 mi , W: 75 yd)
	03/23/07 16:47 MST	0		Source: Trained Spotter

A fourth tornado was witnessed three miles southwest of Crossroads where it destroyed a 10' x 10' oil field pump house. This tornado remained over open country for the most part and was assigned an F0 rating.

Around 12:30 pm MDT on Friday, March 23, thunderstorms began to develop over the Guadalupe Mountains of Eddy County. Thunderstorms continued to rapidly develop, becoming severe over portions of Eddy County at 1:45 pm MDT. Thunderstorms also were developing over eastern portions of Culberson County during this time and these thunderstorms would eventually affect Lea County later in the afternoon.

At 3:39 pm MDT, a thunderstorm located in western portions of Lea County just northwest of the community of Halfway began to exhibit supercellular characteristics. This prompted the issuance of a Severe Thunderstorm Warning at 3:42 pm MDT for western portions of Lea county. As the supercell thunderstorm moved northeast at 30 mph, the storm continued to intensify. The presence on radar of an intensifying mesocyclone (storm rotation) and a bounded weak echo region, along with key spotter information relayed into our office through amateur radio Net Control Operations prompted an upgrade to a tornado warning. Spotters indicated a developing wall cloud over the area had become "fully formed" with increasing surface wind inflow. A tornado warning was issued for northern portions of

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Lea County at 4:28 pm MDT.

LEA COUNTY --- HOBBS [32.70, -103.13]

03/30/07 08:52 MST	0	Hail (0.88 in)
03/30/07 08:52 MST	0	Source: Public

Penny to nickel size hail fell in Hobbs.

Strong deep layer lift associated with a shortwave rotating through the base of an upper level trough over northern Mexico combined with warm air and moisture advection across southwest Texas to produce severe thunderstorms.

TEXAS, West

(TX-Z074) DAVIS / APACHE MOUNTAINS AREA

03/01/07 00:00 CST	0	High Wind (MAX 55 kt)
03/01/07 10:10 CST	0	

A strong upper level storm system passed to the north of west Texas and southeastern New Mexico allowing for height and pressure gradients to tighten across the region. This produced strong winds across portions of west Texas and southeastern New Mexico.

GLASSCOCK COUNTY --- 1.0 N GARDEN CITY [31.88, -101.50], LEES [32.08, -101.48]

03/11/07 15:10 CST	0	Flash Flood (due to Heavy Rain)
03/11/07 17:00 CST	0	Source: Law Enforcement

The Glasscock County Sheriff's Office closed Farm to Market Road 33 north of Garden City to the Glasscock/Howard County border because flash flooding made the road impassable.

GLASSCOCK COUNTY --- ST LAWRENCE [31.67, -101.50]

03/11/07 15:10 CST	0	Hail (1.00 in)
03/11/07 15:10 CST	0	Source: Law Enforcement

PECOS COUNTY --- 8.0 E BAKERSFIELD [30.88, -102.15]

03/11/07 16:15 CST	0	Thunderstorm Wind (EG 52 kt)
03/11/07 16:15 CST	0	Source: Trained Spotter

No damage was reported.

First tornado watch/severe weather event for the season. An upper level storm system approaching west Texas and southeastern New Mexico set off severe thunderstorms across the area on March 11. Copious amounts of mid and low level moisture contributed to high rainfall totals and instances of flash flooding.

WARD COUNTY --- 8.0 NW GRANDFALLS [31.41, -102.97], GRANDFALLS [31.33, -102.87]

03/21/07 17:33 CST	0	Hail (0.88 in)
03/21/07 17:50 CST	0	Source: Law Enforcement

The Ward County Sheriff's Office reported penny to nickel size hail falling at the intersection of Farm to Market Roads 1219 and 1776. This hail fell in a swath from this intersection southeast to Grandfalls.

PECOS COUNTY --- 1.0 S FT STOCKTON [30.87, -102.87]

03/21/07 23:45 CST	0	Hail (0.88 in)
03/21/07 23:45 CST	0	Source: COOP Observer

A NWS rainfall observer reported pea to nickel size hail falling one mile south of Fort Stockton between U.S. Highways 285 and 385.

A dryline set up in west Texas and southeastern New Mexico. Thunderstorms formed along this dryline and became severe as the afternoon wore on. Main threat was large hail, the largest reported being nickel size.

BREWSTER COUNTY --- 13.0 NNE TERLINGUA [29.50, -103.52], 16.0 NE TERLINGUA [29.49, -103.41]

03/22/07 17:49 CST	0	Hail (0.75 in)
03/22/07 18:15 CST	0	Source: COOP Observer

Several people between Texas Highway 118 and Terlingua Ranch Lodge reported penny size hail.

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BREWSTER COUNTY --- 23.0 N PANTHER JUNCTION [29.63, -103.30]				
	03/22/07 18:40 CST		0	Hail (1.00 in)
	03/22/07 18:47 CST		0	Source: Park/Forest Service
Big Bend National Park staff at Persimmon Gap reported penny to quarter size hail.				
TERRELL COUNTY --- 5.0 E SANDERSON [30.15, -102.32]				
	03/22/07 20:00 CST		0	Hail (1.75 in)
	03/22/07 20:00 CST		0	Source: Law Enforcement
The Terrell County Sheriff's Office reported golfball size hail falling east of Sanderson along U.S. Highway 90.				
TERRELL COUNTY --- 6.0 E SANDERSON [30.15, -102.30]				
	03/22/07 21:15 CST		0	Hail (1.75 in)
	03/22/07 21:15 CST		0	Source: Law Enforcement
The Terrell County Sheriff's Office reported golfball size hail falling along a 1/2 mile strip of U.S. highway 90 east of Sanderson.				
Deep moisture in advance of a powerful upper level storm system combined with wind shear and instability to produce conditions favorable for severe storm development. These storms developed in the higher terrain of west Texas and moved over the Trans-Pecos and Big Bend regions through the afternoon and evening. Large hail was the primary threat of these storms, with the largest hail falling in Terrell County along U.S. Highway 90 about the size of golfballs.				
GAINES COUNTY --- HIGGINBOTHAM [32.90, -102.98]				
	03/28/07 20:15 CST		0	Hail (1.00 in)
	03/28/07 20:15 CST		0	Source: Trained Spotter
ANDREWS COUNTY --- 8.0 NW ANDREWS [32.40, -102.65]				
	03/28/07 21:52 CST		0	Hail (0.75 in)
	03/28/07 21:52 CST		0	Source: Trained Spotter
Some leaves were stripped from trees northwest of Andrews as a result of penny size hail.				
GAINES COUNTY --- 12.0 SSW HIGGINBOTHAM [32.74, -103.06]				
	03/28/07 22:01 CST		0	Hail (0.75 in)
	03/28/07 22:01 CST		0	Source: Emergency Manager
Penny size hail fell on the Gaines, Texas/Lea, New Mexico county line just east of Hobbs.				
CRANE COUNTY --- 19.0 NW CRANE [31.59, -102.58]				
	03/28/07 22:21 CST		0	Hail (0.75 in)
	03/28/07 22:21 CST		0	Source: Trained Spotter
Penny size hail was reported on Farm to Market Road 1601 northwest of Crane.				
ECTOR COUNTY --- WEST ODESSA [31.83, -102.50], GARDENDALE [32.00, -102.42]				
	03/28/07 22:36 CST		0	Hail (1.00 in)
	03/28/07 22:47 CST		0	Source: Broadcast Media
Penny to quarter size hail fell in a swath from West Odessa to Gardendale.				
ECTOR COUNTY --- PLEASANT FARMS [31.68, -102.32]				
	03/28/07 22:48 CST		0.50K	Hail (2.00 in)
	03/28/07 23:01 CST		0	Source: Trained Spotter
Golfball to lime size hail fell in Pleasant Farms. The hail broke at least one window in the Pleasant Farms area.				
DAWSON COUNTY --- FRIENDSHIP [32.63, -102.03]				
	03/28/07 23:05 CST		0	Hail (0.75 in)
	03/28/07 23:15 CST		0	Source: Law Enforcement

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MIDLAND COUNTY --- 4.0 NW (MAF) MIDLAND INTL [31.97, -102.25], 5.0 SW (MAF) MIDLAND INTL [31.88, -102.26]				
	03/28/07 23:12 CST		0	Hail (0.88 in)
	03/28/07 23:14 CST		0	Source: Broadcast Media
Local broadcast media and amateur radio operators reported penny to nickel size hail falling west of Midland International Airport.				
CRANE COUNTY --- 15.0 N CRANE [31.62, -102.35]				
	03/28/07 23:30 CST		0	Hail (1.75 in)
	03/28/07 23:30 CST		0	Source: Public
Marble to golfball size hail fell along U.S. Highway 385 north of Crane.				
DAWSON COUNTY --- LAMESA [32.73, -101.95]				
	03/28/07 23:30 CST		0	Hail (1.00 in)
	03/29/07 00:00 CST		0	Source: Public
Hail up to quarter size fell continuously in Lamesa for half an hour.				
MIDLAND COUNTY --- 6.0 W GREENWOOD [32.00, -102.02], MIDLAND [32.00, -102.08]				
	03/28/07 23:51 CST		0	Hail (1.00 in)
	03/28/07 23:56 CST		0	Source: Amateur Radio
Penny to quarter size hail fell between Midland and Greenwood.				
UPTON COUNTY --- MC CAMEY [31.13, -102.23]				
	03/29/07 00:02 CST		0	Hail (1.00 in)
	03/29/07 00:02 CST		0	Source: Law Enforcement
Penny to quarter size hail fell in McCamey.				
UPTON COUNTY --- MC CAMEY [31.13, -102.23]				
	03/29/07 00:02 CST		0	Thunderstorm Wind (EG 52 kt)
	03/29/07 00:02 CST		0	Source: Law Enforcement
The Upton County Sheriff's Office reported 60 mph winds in McCamey. No damage was reported.				
UPTON COUNTY --- 1.0 NE MC CAMEY [31.14, -102.22]				
	03/29/07 00:08 CST		0	Hail (0.75 in)
	03/29/07 00:08 CST		0	Source: Broadcast Media
DAWSON COUNTY --- LAMESA [32.73, -101.95]				
	03/29/07 00:25 CST		0	Flash Flood (due to Heavy Rain)
	03/29/07 03:00 CST		0	Source: Broadcast Media
A local television meteorologist reported six inches of water running over U.S. Highway 87 near the Walmart in Lamesa. City employees reported flooding at the park on the south side of Lamesa. They were in the process of putting up high water barricades on Bryant Street.				
UPTON COUNTY --- RANKIN [31.22, -101.90]				
	03/29/07 00:30 CST		0	Hail (0.88 in)
	03/29/07 00:30 CST		0	Source: COOP Observer
GLASSCOCK COUNTY --- 7.0 N GARDEN CITY [31.97, -101.50]				
	03/29/07 00:45 CST		2K	Thunderstorm Wind (EG 60 kt)
	03/29/07 00:45 CST		0	Source: Trained Spotter
A trailer house at a drilling rig location north of Garden City on Farm to Market Road 33 was blown over.				
UPTON COUNTY --- 1.0 N RANKIN [31.23, -101.90], 2.0 N RANKIN [31.25, -101.90]				
	03/29/07 00:45 CST		0	Hail (0.88 in)
	03/29/07 00:45 CST		0	Source: Law Enforcement

Storm Data and Unusual Weather Phenomena - March 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GLASSCOCK COUNTY --- 8.0 N GARDEN CITY [31.99, -101.50]				
	03/29/07 00:50 CST		0	Thunderstorm Wind (EG 50 kt)
	03/29/07 00:50 CST		0	Source: Trained Spotter
A spotter north of Garden City reported that a storage shed was knocked down and a golf cart was tipped over by thunderstorm winds.				
A weak shortwave progressing through upper level southerly flow combined with instability along an eastward mixing dryline to produce severe thunderstorms across west Texas and southeastern New Mexico. A strong low level jet and an approaching cold front increased both instability and lift.				
Though a tornado watch was issued for much of the Permian Basin and the upper Trans-Pecos, large hail ended up being the primary threat. No tornadoes were reported with these storms.				
BREWSTER COUNTY --- MARATHON [30.20, -103.25]				
	03/23/07 16:38 CST		0	Hail (0.88 in)
	03/23/07 16:42 CST		0	Source: Broadcast Media
Penny to nickel size hail fell in Marathon.				
JEFF DAVIS COUNTY --- 17.0 NW FT DAVIS [30.75, -104.08]				
	03/23/07 16:46 CST		0	Thunderstorm Wind (MG 52 kt)
	03/23/07 16:46 CST		0	Source: Park/Forest Service
No damage was reported.				
REEVES COUNTY --- TOYAH [31.32, -103.78]				
	03/23/07 17:34 CST		0	Hail (0.75 in)
	03/23/07 17:34 CST		0	Source: Public
REEVES COUNTY --- TOYAH [31.32, -103.78]				
	03/23/07 18:15 CST		0	Hail (0.88 in)
	03/23/07 18:15 CST		0	Source: Emergency Manager
Nickel hail covered the ground in Toyah.				
PECOS COUNTY --- 20.0 SE FT STOCKTON [30.68, -102.63]				
	03/23/07 18:30 CST		0	Tornado (EF0, L: 2.00 mi , W: 75 yd)
	03/23/07 18:35 CST		0	Source: Broadcast Media
A local television forecaster filmed a tornado in open country southwest of Fort Stockton associated with a supercell thunderstorm. This thunderstorm produced up to baseball size hail and one other reported tornado during its lifetime. This storm and its effects were also responsible for the closing of Interstate 10 near Bakersfield.				
LOVING COUNTY --- 9.5 NW MENTONE [31.80, -103.71]				
	03/23/07 18:50 CST		0	Hail (1.75 in)
	03/23/07 19:00 CST		0	Source: Trained Spotter
Marble to golfball size hail fell northwest of Mentone.				
PECOS COUNTY --- 3.0 S BAKERSFIELD [30.84, -102.28], BAKERSFIELD [30.88, -102.28]				
	03/23/07 19:03 CST		0	Hail (2.75 in)
	03/23/07 19:13 CST		0	Source: Trained Spotter
Golfball to baseball size hail was reported in and around Bakersfield.				
UPTON COUNTY --- MC CAMEY [31.13, -102.23], 1.0 W MC CAMEY [31.13, -102.25]				
	03/23/07 19:46 CST		0	Hail (1.00 in)
	03/23/07 19:47 CST		0	Source: Fire Department/Rescue
Penny to quarter size hail was reported in and around McCamey, including at the intersection of U.S. Highway 67 and Texas Highway 349.				
UPTON COUNTY --- 7.0 N RANKIN [31.32, -101.90], 8.0 NE RANKIN [31.30, -101.80]				

Storm Data and Unusual Weather Phenomena - March 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/23/07 20:16 CST		0	Tornado (EF0, L: 2.00 mi , W: 50 yd)
	03/23/07 20:21 CST		0	Source: Broadcast Media
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UPTON COUNTY --- 14.0 N RANKIN [31.42, -101.90]				
	03/23/07 20:21 CST		0	Hail (1.75 in)
	03/23/07 20:21 CST		0	Source: Trained Spotter
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JEFF DAVIS COUNTY --- FT DAVIS [30.58, -103.88]				
	03/23/07 21:49 CST		0	Hail (0.75 in)
	03/23/07 21:49 CST		0	Source: Fire Department/Rescue
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ANDREWS COUNTY --- 5.0 W ANDREWS [32.32, -102.64]				
	03/23/07 22:06 CST		0	Hail (1.00 in)
	03/23/07 22:06 CST		0	Source: Law Enforcement
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PECOS COUNTY --- 25.0 WNW FT STOCKTON [31.02, -103.26]				
	03/23/07 22:30 CST		0	Hail (1.00 in)
	03/23/07 22:30 CST		0	Source: Trained Spotter
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A spotter reported quarter size hail falling and stripping trees of their leaves in the western portions of Pecos County.				
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WINKLER COUNTY --- WINK [31.75, -103.15]				
	03/23/07 23:15 CST		0	Hail (1.00 in)
	03/23/07 23:30 CST		0	Source: Law Enforcement
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WARD COUNTY --- GRANDFALLS [31.33, -102.87]				
	03/23/07 23:40 CST		0	Hail (0.88 in)
	03/23/07 23:40 CST		0	Source: Law Enforcement
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WARD COUNTY --- GRANDFALLS [31.33, -102.87]				
	03/23/07 23:50 CST		0	Hail (1.00 in)
	03/23/07 23:50 CST		0	Source: COOP Observer
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CULBERSON COUNTY --- (GDP)GUADALUPE PASS [31.80, -104.80]				
	03/23/07 23:51 CST		0	Thunderstorm Wind (MG 51 kt)
	03/23/07 23:51 CST		0	Source: ASOS
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The Automated Surface Observing Station at Guadalupe Pass measured a wind gust of 59 mph. No damage was reported.				
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PECOS COUNTY --- IMPERIAL [31.27, -102.68]				
	03/23/07 23:55 CST		0	Hail (0.88 in)
	03/24/07 01:05 CST		0	Source: Fire Department/Rescue
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ECTOR COUNTY --- ODESSA [31.85, -102.37]				
	03/24/07 00:54 CST		0	Hail (1.00 in)
	03/24/07 00:54 CST		0	Source: Public
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Pea to quarter size hail fell at the intersection of 3rd and Knox in Odessa.				
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MIDLAND COUNTY --- (MAF) MIDLAND INTL [31.93, -102.20]				
	03/24/07 00:59 CST		0	Thunderstorm Wind (MG 50 kt)
	03/24/07 00:59 CST		0	Source: ASOS
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The Automated Surface Observing System at Midland International Airport (KMAF) reported a 58 mph wind gust associated with a thunderstorm.				
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UPTON COUNTY --- 2.0 W MC CAMEY [31.13, -102.26], MC CAMEY [31.13, -102.23]				

Storm Data and Unusual Weather Phenomena - March 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/24/07 01:38 CST		0	Hail (1.00 in)
	03/24/07 01:45 CST		0	Source: Broadcast Media
Penny to quarter size hail fell in and around McCamey.				
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CULBERSON COUNTY --- (GDP)GUADALUPE PASS [31.80, -104.80]				
	03/24/07 03:43 CST		0	Thunderstorm Wind (MG 53 kt)
	03/24/07 04:08 CST		0	Source: ASOS
The Automated Surface Observing Station at Guadalupe Pass recorded wind gusts of 61 mph several times over about 20 minutes. No damage was reported.				
An upper level storm system moved east across northern Mexico across west Texas and southeastern New Mexico. Ahead of this system, a moist and unstable airmass was in place. As temperatures warmed throughout the day, the atmosphere became more unstable. Storms initiated in the Big Bend and across the mountains of southeastern New Mexico and moved north and eastward. The Midland county warning area saw five recorded tornadoes on the 23rd, four in New Mexico and one in Texas. The four in New Mexico were documented by both trained Skywarn spotters and by a National Weather Service damage survey team. The tornado in Texas was recorded by a television news/weather crew in the area. Baseball size hail was also associated with the Texas storm.				
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REEVES COUNTY --- 5.0 SW PECOS [31.37, -103.54]				
	03/25/07 15:40 CST		0	Hail (1.75 in)
	03/25/07 15:40 CST		0	Source: Public
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REEVES COUNTY --- 2.3 NE TOYAH [31.34, -103.75], PECOS [31.42, -103.48]				
	03/25/07 15:45 CST		10K	Flash Flood (due to Heavy Rain)
	03/25/07 22:00 CST		0	Source: Law Enforcement
The rest area on Interstate 20 at mile marker 25 was flooding and traffic problems were occurring due to flooding along Interstate 20. Street flooding was also experienced in Pecos. Pecos police shut down the intersection of 14th and Cedar Streets, after a motorist was stranded due to high water. A motorist was stranded on Farm to Market Road 1216, six miles south of Interstate 20. Farm to market Road 1934 was also flooded.				
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REEVES COUNTY --- 1.4 WSW PECOS [31.41, -103.50], PECOS [31.42, -103.48]				
	03/25/07 16:03 CST		0	Hail (0.88 in)
	03/25/07 16:12 CST		0	Source: Emergency Manager
Penny to nickel size hail fell in Pecos along both Interstate 20 and U.S. Highway 285.				
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WARD COUNTY --- BARSTOW [31.45, -103.40]				
	03/25/07 16:20 CST		0	Hail (0.88 in)
	03/25/07 16:20 CST		0	Source: Fire Department/Rescue
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WARD COUNTY --- 0.9 NE BARSTOW [31.46, -103.39], MONAHANS [31.58, -102.90]				
	03/25/07 16:40 CST		0	Flash Flood (due to Heavy Rain)
	03/25/07 23:00 CST		0	Source: Trained Spotter
One and a half feet of water flowing over Interstate 20 service roads and bar ditches near Barstow. Six to eight inches of water flowed across roads in Monahans.				
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PRESIDIO COUNTY --- 0.9 NE PRESIDIO [29.56, -104.36]				
	03/25/07 17:09 CST		0	Hail (0.88 in)
	03/25/07 17:09 CST		0	Source: Law Enforcement
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ANDREWS COUNTY --- ANDREWS [32.32, -102.55], 16.0 E ANDREWS [32.32, -102.28]				
	03/25/07 17:34 CST		0	Flash Flood (due to Heavy Rain)
	03/26/07 01:00 CST		0	Source: Trained Spotter
Six to twelve inches of water was reported on Texas Highway 176 in Andrews, U.S. Highway 385 in Andrews and on Texas Highway 176, 16 miles east of Andrews. By 12:42am CDT March 26, five to six feet of standing water was reported on roads in Andrews. Several roads in Andrews were closed.				
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WINKLER COUNTY --- 0.7 N WINK [31.76, -103.15]				
	03/25/07 17:35 CST		0	Flash Flood (due to Heavy Rain)
	03/25/07 20:00 CST		0	Source: Broadcast Media

Storm Data and Unusual Weather Phenomena - March 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Local television meteorologists reported one and a half to two feet of water running over streets in the city of Wink, including Texas Highway 115.				
MARTIN COUNTY --- 10.0 W TARZAN [32.30, -102.14]				
	03/25/07 20:59 CST		0	Flash Flood (due to Heavy Rain)
	03/26/07 00:00 CST		0	Source: Trained Spotter
Six inches of water was flowing across Texas Highway 176, one and a half miles east of that highway's intersection with Texas Route 349.				
ECTOR COUNTY --- ODESSA [31.85, -102.37]				
	03/25/07 23:21 CST		20K	Flash Flood (due to Heavy Rain)
	03/26/07 02:00 CST		0	Source: Law Enforcement
Several motorists were stranded in high water in Odessa.				
MITCHELL COUNTY --- COLORADO CITY [32.40, -100.85]				
	03/26/07 02:35 CST		0	Flash Flood (due to Heavy Rain)
	03/26/07 05:00 CST		0	Source: Law Enforcement
Several roads in Colorado City are flooded and impassable.				
A strong upper low pushing into western Mexico, along with above normal precipitable water values and good upper level divergence combined for a heavy rain/flash flooding event across west Texas and southeastern New Mexico.				
MIDLAND COUNTY --- MIDLAND [32.00, -102.08]				
	03/30/07 03:50 CST		0	Hail (0.88 in)
	03/30/07 03:55 CST		0	Source: Trained Spotter
Pea to penny size hail with a few nickel sized stones fell on the north side of Midland.				
ANDREWS COUNTY --- ANDREWS [32.32, -102.55]				
	03/30/07 04:45 CST		0	Hail (0.75 in)
	03/30/07 04:45 CST		0	Source: Public
MIDLAND COUNTY --- MIDLAND [32.00, -102.08]				
	03/30/07 05:05 CST		1K	Hail (1.75 in)
	03/30/07 05:30 CST		0	Source: NWS Employee
Penny to golfball size hail was reported between Holiday Hill Road and Midland Drive and in the Green Tree neighborhood. At least one skylight was shattered by the larger hail.				
DAWSON COUNTY --- 4.0 S SAND [32.64, -102.17]				
	03/30/07 05:30 CST		0	Hail (0.75 in)
	03/30/07 05:30 CST		0	Source: Trained Spotter
MARTIN COUNTY --- 3.6 W TARZAN [32.30, -102.03]				
	03/30/07 06:00 CST		0	Hail (0.75 in)
	03/30/07 06:00 CST		0	Source: Trained Spotter
BORDEN COUNTY --- 2.0 ESE GAIL [32.76, -101.40]				
	03/30/07 06:40 CST		1.50K	Thunderstorm Wind (MG 75 kt)
	03/30/07 06:40 CST		0	Source: Mesonet
The West Texas Mesonet station two miles east-southeast of Gail measured an 86 mph wind gust before communications were lost. After the storm, a West Texas Mesonet representative went to the station and reported that the radio antenna had been bent and one of the guy wires was damaged. The fence surrounding the instrumentation was damaged by wind blown mesquite.				
DAWSON COUNTY --- LAMESA [32.73, -101.95]				
	03/30/07 06:50 CST		0	Hail (0.75 in)
	03/30/07 06:50 CST		0	Source: Newspaper
WINKLER COUNTY --- KERMIT [31.85, -103.08]				

Storm Data and Unusual Weather Phenomena - March 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/30/07 07:00 CST		0	Hail (0.75 in)
	03/30/07 07:00 CST		0	Source: Trained Spotter

ECTOR COUNTY --- ODESSA [31.85, -102.37], WEST ODESSA [31.83, -102.50]

03/30/07 07:40 CST		3K	Hail (1.75 in)
03/30/07 07:42 CST		0	Source: Public

Penny to quarter size hail with an occasional golf ball size hailstone thrown in fell in a swath from Odessa to West Odessa. The larger hailstones led to several broken windows at Loop 338 and Yukon in West Odessa.

MITCHELL COUNTY --- LORAINE [32.42, -100.72]

03/30/07 11:00 CST		0	Flash Flood (due to Heavy Rain)
03/30/07 13:00 CST		0	Source: Broadcast Media

The radio station in Colorado City reported that streets in Loraine were flooded.

PECOS COUNTY --- IRAAN [30.92, -101.88], SHEFFIELD [30.67, -101.83]

03/30/07 13:40 CST		0	Hail (1.75 in)
03/30/07 13:40 CST		0	Source: COOP Observer

Pea to golfball size hail fell in a swath along Texas Highway 349 between Iraan and Sheffield.

Strong deep layer lift associated with a shortwave rotating through the base of an upper level trough over northern Mexico combined with warm air and moisture advection across southwest Texas to produce severe thunderstorms.