

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>TEXAS, South Panhandle</b>				
<b>LYNN COUNTY</b>				
ODONNELL	05/05/07 20:16 CST	0		Hail (1.75 in)
3.0 N TAHOKA	05/05/07 20:27 CST	0		32.97N, 101.83W ~ 33.2234N, 101.78W
Law enforcement officials and trained storm spotters reported large hail between quarter and golf ball size along a swath from O'Donnell to just north of Tahoka. The hail accompanied a left moving (anticyclonic member of a splitting storm) that moved northward along U.S. Highway 87 over southern Lynn County. No damage was reported.				
<b>HALL COUNTY</b>				
MEMPHIS	05/06/07 04:27 CST	0		Hail (0.88 in)
	05/06/07 04:30 CST	0		34.72N, 100.53W
Multiple reports from law enforcement officials and the Memphis Fire Department indicated that large hail ranged in size from peas to nickels from 04:27 to 04:30 CST.				
<b>Scattered thunderstorms developed over the west Texas South Plains during the late evening hours of the 5th and persisted through the early morning hours of the 6th. A few of the storms became severe and produced large hail up to the size of golf balls. No damage was reported.</b>				
<b>CHILDRESS COUNTY</b>				
CHILDRESS	05/08/07 02:40 CST	0		Hail (0.88 in)
	05/08/07 02:40 CST	0		34.42N, 100.2W
The Childress Fire Department reported nickel size hail in the western portions of the city.				
<b>CHILDRESS COUNTY</b>				
CHILDRESS	05/08/07 03:30 CST	15K		Flood (due to Heavy Rain)
	05/08/07 05:30 CST	0		34.42N, 100.2W
Local officials reported that heavy rainfall caused between one and two feet of water to accumulate and pond in a construction zone at the bottom of the U.S. Highway 83 underpass in Childress. A vehicle became disabled as it tried to navigate through the high water. Rescue crews extracted the occupants from the flooded vehicle. No injuries were reported.				
<b>YOAKUM COUNTY</b>				
DENVER CITY	05/08/07 09:00 CST	20K		Flood (due to Heavy Rain)
	05/08/07 17:00 CST	0		32.97N, 102.85W
Low-lying areas across Denver City were flooded, with water more than curb-deep in most city streets. A vehicle was stalled in high water during the late morning hours. No injuries were reported.				
<b>HOCKLEY COUNTY</b>				
LEVELLAND	05/08/07 11:00 CST	0		Flood (due to Heavy Rain)
	05/08/07 17:00 CST	0		33.58N, 102.37W
Law enforcement officials reported that a number of streets in the Levelland vicinity were blockaded due to flood waters. The intersection of Avenue U and West Avenue was reportedly impassable by 13:43 CST. Additional flooding was reported along U.S. Highway 385 and Texas Highway 114.				
<b>LYNN COUNTY</b>				
8.0 W TAHOKA	05/08/07 11:00 CST	0		Flood (due to Heavy Rain)
TAHOKA	05/08/07 17:00 CST	0		33.18N, 101.918W ~ 33.18N, 101.78W
Standing water was reported to inundate many roadways, including the intersection of Farm to Market Road 1328 and U.S. Highway 380.				
<b>LUBBOCK COUNTY</b>				
7.0 SW LUBBOCK	05/08/07 12:53 CST	0.10M		Flood (due to Heavy Rain)
IDALOU	05/08/07 17:00 CST	0		33.5084N, 101.936W ~ 33.67N, 101.68W

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<p>Persistent and heavy rainfall resulted in flooding across portions of Lubbock. The flooding was characterized by a gradual increase in water level near many playa lakes, in construction zones, and in typically flood prone city streets.</p> <p>Initial reports at 12:53 CST indicated that water was over the curbs along Elgin Street between 75th and 78th Streets, and also at the intersection of University and 82nd. By 13:34 CST up to two feet of water was reported in many of the city streets in Idalou. At 13:38 CST, local officials blockaded several blocks of Peoria Street due to high water.</p> <p>Between 14:00 and 14:30 CST reports were received of road closings at Frankford Avenue and 98th Street and Erskine Avenue between the 4800 block and Loop 289.</p> <p>Water continued to rise across Lubbock, and by 15:04 CST, at least one vehicle stalled in standing water that was up to the doors on 98th Street between Quaker and Slide. Several automobiles were reportedly stalled in "heavy" flooding at Milwaukee and 34th Street, and also at Avenue U and 50th Street, and the intersection of Erskine and Milwaukee.</p> <p>No injuries were reported. However, the Lubbock Police Department attributed thirty-one traffic accidents to the weather.</p>				

### CROSBY COUNTY

RALLS	05/08/07 14:04 CST		0	Flood (due to Heavy Rain)
	05/08/07 17:00 CST		0	33.68N, 101.38W

Fire department officials reported that minor flooding resulted in up to eight inches of standing water in many city streets in Ralls.

**A complex of strong thunderstorms rolled across the South Plains region of west Texas during the overnight hours of the 7th and early morning hours of the 8th. One storm within the complex became severe, and produced large hail over Childress.**

**With a powerful upper level storm system still located over the desert southwest, additional convective complexes moved eastward out of New Mexico during the daytime hours on the 8th. By the time rainfall ended over the South Plains, some areas had received in excess of three and a half inches of rain.**

**Reports of gradually rising waters that inundated roadways were common. A few motorists disabled their vehicles by driving into standing water, especially in construction zones, underpasses and in otherwise flood prone city streets. No injuries were reported.**

### YOAKUM COUNTY

8.0 W PLAINS	05/20/07 22:10 CST		10K	Thunderstorm Wind (EG 56 kt)
	05/20/07 22:20 CST		0	33.18N, 102.968W

**A linear convective complex propagated eastward over the western South Plains of west Texas during the late evening hours of the 20th. A segment of the line produced damaging thunderstorm winds that destroyed an empty 500 gallon fuel tank at an oil well site west of Plains. Siding was also blown off a number of metal garages and storage units at the facility. Time estimate of the event is based on radar data.**

### HOCKLEY COUNTY

10.0 W ROPESVILLE	05/25/07 01:40 CST		0	Hail (1.50 in)
	05/25/07 01:40 CST		0	33.42N, 102.323W

**An isolated severe thunderstorm impacted Hockley County during the overnight hours and resulted in large hail that ranged in size from peas to ping pong balls around 01:40 CST. The hail accumulated several inches deep on the ground along Farm to Market Road 41 west of Ropesville. No damage was reported.**

### HOCKLEY COUNTY

OPDYKE	05/26/07 19:11 CST		0	Hail (1.00 in)
	05/26/07 19:11 CST		0	33.6N, 102.27W

Local law enforcement officials reported quarter size hail at Opdyke West.

### BAILEY COUNTY

NEEDMORE	05/26/07 21:08 CST		0	Flash Flood (due to Heavy Rain)
ENOCHS	05/26/07 23:00 CST		0	34.03N, 102.73W ~ 33.87N, 102.77W

Local officials reported that numerous roadways in southern Bailey County were impacted by high water following torrential rainfall from strong thunderstorms. The most significant flash flooding was reported to be along Texas Highway 214 near the Muleshoe Wildlife Refuge. No damage was reported.

**Scattered thunderstorm affected the western South Plains of west Texas during the late afternoon and early evening hours of the 26th. At least one storm produced large hail. Persistent thunderstorm activity over southern Bailey County also resulted in flash flooding.**

### LUBBOCK COUNTY

3.0 N SLIDE	05/28/07 17:50 CST		0	Hail (1.75 in)
2.0 S WOODROW	05/28/07 18:46 CST		0	33.4634N, 101.9W ~ 33.4211N, 101.82W

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<p>A slow moving thunderstorm produced a swath of large hail up to the size of golf balls as it drifted southward between Slide and Woodrow. The hail knocked small branches off of trees, but no damages were reported.</p>				
<b>LYNN COUNTY</b>				
7.0 ENE NEW HOME	05/28/07 19:34 CST		0	Hail (0.88 in)
NEW HOME	05/28/07 20:31 CST		0.20M	33.3587N, 101.808W ~ 33.32N, 101.92W
<p>Numerous reports of large hail were received as a multi-cell cluster of severe storms slowly propagated southwestward over northern Lynn County. Initial reports were received at 19:34 CST of penny size hail along U.S. Highway 87 just south of the Lubbock and Lynn County line. Hailstones reportedly grew in size as the storm propagated southwestward over northern Lynn County. Newspaper accounts indicated that many acres of young cotton plants were stripped and that farmers will be hard pressed to replant by the insurance dictated deadlines.</p>				
<b>TERRY COUNTY</b>				
8.0 W MEADOW	05/28/07 19:40 CST		0	Hail (0.75 in)
7.0 WNW MEADOW	05/28/07 19:45 CST		0.10M	33.33N, 102.338W ~ 33.3687N, 102.312W
<p>Farmers in extreme north-central Terry County reported damage to young cotton crops along an east-to-west swath that stretched from just northwest of Needmore Gin to just south of Locketville.</p>				
<b>HALE COUNTY</b>				
8.0 N PLAINVIEW	05/28/07 19:42 CST		0	Hail (0.88 in)
7.0 NNE PLAINVIEW	05/28/07 20:07 CST		0	34.3157N, 101.7W ~ 34.2935N, 101.653W
<p>The local broadcast media relayed a report of nickel size hail along Interstate 27 on the Hale and Swisher County line south of Kress at 19:42 CST. Large hail continued to fall along a swath that moved south-southeastward into rural Hale County to the northeast of Plainview.</p>				
<b>SWISHER COUNTY</b>				
3.0 S KRESS	05/28/07 19:42 CST		0	Hail (0.88 in)
	05/28/07 19:42 CST		10K	34.3266N, 101.75W
<p>The local broadcast media relayed a report of nickel size hail along Interstate 27 on the Hale and Swisher County line south of Kress. Delayed reports in newspaper clipping from the area suggested that some minor crop damage may have occurred, but no details were included. Therefore a small amount of agricultural damage is reported here.</p>				
<b>HALE COUNTY</b>				
PLAINVIEW	05/28/07 19:50 CST		10K	Lightning
	05/28/07 19:50 CST		0	34.2N, 101.7W
<p>A lightning strike in Plainview rendered more than 1,500 households without electrical services for several hours.</p>				
<b>HOCKLEY COUNTY</b>				
6.0 NNW ROPESVILLE	05/28/07 19:52 CST		0	Hail (0.88 in)
	05/28/07 19:52 CST		0	33.5001N, 102.19W
<p>A Texas Tech University West Texas Mesonet meteorologist reported nickel size hail at his residence northwest of Ropesville.</p>				
<b>GARZA COUNTY</b>				
1.0 S POST	05/28/07 20:15 CST		0	Thunderstorm Wind (MG 51 kt)
	05/28/07 20:15 CST		0	33.1655N, 101.38W
<p>A Texas Tech University West Texas Mesonet site recorded severe thunderstorm wind gusts up to 59 mph. No damage was reported.</p>				
<b>LUBBOCK COUNTY</b>				
SHALLOWATER	05/28/07 20:29 CST		0	Hail (0.88 in)
	05/28/07 20:29 CST		0	33.68N, 101.98W
<p>A second severe storm impacted portions of northwestern Lubbock County with large hail up to the size of nickels.</p>				
<b>LYNN COUNTY</b>				
NEW HOME	05/28/07 21:25 CST		30K	Flash Flood (due to Heavy Rain)
6.0 WNW NEW HOME	05/28/07 23:30 CST		0	33.32N, 101.92W ~ 33.3532N, 102.016W

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<p>Local emergency management officials reported that most Farm to Market Roads west of New Home in northwestern Lynn County were covered by fast moving high water. Newspaper accounts suggest that between four and six inches of rainfall was measured by several locals along the storm's path. Reports indicated that a number of people were stranded in flooded vehicles. No injuries were reported.</p>				
<b>FLOYD COUNTY</b>				
FLOYDADA	05/28/07 21:42 CST		0	Hail (0.75 in)
10.0 E FLOYDADA	05/28/07 22:10 CST		0.20M	33.98N, 101.33W ~ 33.98N, 101.156W
<p>The public reported penny size hail in Floydada. Delayed reports via local newspapers additionally indicated damages to cotton and wheat crops east of Floydada near the Boot Spur community. One farmer was quoted as saying around 150 acres were "wiped out" on his property.</p>				
<b>FLOYD COUNTY</b>				
FLOYDADA	05/28/07 21:45 CST		10K	Lightning
	05/28/07 21:45 CST		0	33.98N, 101.33W
<p>A lightning strike in Floydada damaged the electrical grid and caused an outage that affected more than 1,000 customers for several hours.</p>				
<b>FLOYD COUNTY</b>				
FLOYDADA	05/28/07 22:05 CST		0.10M	Flash Flood (due to Heavy Rain)
	05/29/07 02:00 CST		0	33.98N, 101.33W
<p>A Texas Tech University West Texas Mesonet station near Floydada recorded 2.60 inches of rainfall in a thirty minute period just before 22:00 CST. By 22:05 CST, the heavy rainfall began to cause a rapid rise of water in the city. A number of homes and businesses were threatened by the rising water. Water isolated the Dairy Queen, along with a few mobile homes and the ACE Hardware store. Road crews had to repair damage caused by the water on some main city streets.</p>				
<p><b>Scattered thunderstorms produced large hail, damaging winds and very heavy rainfall over the west Texas South Plains during the evening hours of the 28th. Most damage occurred over northern Lynn County, where large hail destroyed young cotton crops. Crops also were damaged in Hockley, Swisher and Terry Counties. Slow storm movements attributed to flash flooding in Lynn and Floyd Counties that stranded motorists and threatened structures.</b></p>				
<b>BRISCOE (TX-Z024)</b>				
	05/30/07 02:30 CST		0	High Wind (MAX 52 kt)
	05/30/07 02:30 CST		0	
<p>An apparent meso-high developed in the wake of a convective complex over the extreme southern Panhandle during the early morning hours of the 30th. Strong winds resulted and wind gusts briefly exceeded severe levels near Silverton. A 60 mph wind gust was measured by the Texas Tech University West Texas Mesonet site there at 02:30 CST.</p>				
<b>LAMB COUNTY</b>				
SUDAN	05/31/07 16:41 CST		0	Hail (1.50 in)
3.0 ESE SPRINGLAKE	05/31/07 17:17 CST		0	34.07N, 102.53W ~ 34.2134N, 102.251W
<p>Storm spotters reported large hail up to the size of ping-pong balls along a swath from Sudan to U.S. Highway 70 just east of Springlake.</p>				
<b>HALE COUNTY</b>				
1.5 E COTTON CENTER	05/31/07 17:22 CST		0	Hail (0.88 in)
	05/31/07 17:22 CST		0	34N, 101.974W
<p>Nickel size hail was reported just east of Cotton Center on Farm to Market Road 37.</p>				
<b>SWISHER COUNTY</b>				
3.0 S TULIA	05/31/07 17:45 CST		0	Hail (1.75 in)
	05/31/07 17:45 CST		0	34.4866N, 101.77W
<p>Golf ball size hail was reported by the Tulia Police Department south of Tulia on Interstate 27.</p>				
<b>HALE COUNTY</b>				
6.0 NW PETERSBURG	05/31/07 18:10 CST		0	Hail (1.75 in)
PETERSBURG	05/31/07 19:22 CST		0.10M	33.9313N, 101.674W ~ 33.87N, 101.6W
<p>There were multiple reports of large hail ranging in size from quarters to golf balls in and around Petersburg as a cluster of severe thunderstorms impacted southeastern Hale County. Hail reportedly covered the ground in Petersburg. Local agricultural agents reported some crop damage in the area.</p>				

## Storm Data and Unusual Weather Phenomena - May 2007

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<b>HALE COUNTY</b>				
1.0 S COTTON CENTER	05/31/07 19:15 CST		0	Hail (0.75 in)
5.0 E COTTON CENTER	05/31/07 19:35 CST		0	33.9855N, 102W ~ 34N, 101.913W
Skywarn spotters reported penny size hail from Farm to Market Road 179 south of Cotton Center to east of town. This hail was associated with a supercell thunderstorm that moved east across western and central Hale county. Additional reports indicated very large hail along the swath.				
<b>FLOYD COUNTY</b>				
12.0 SW FLOYDADA	05/31/07 19:18 CST		0	Hail (2.50 in)
	05/31/07 19:19 CST		0	33.8573N, 101.478W
Floyd County emergency management officials reported very large hail that briefly fell up to the size of tennis balls near the intersection of Farm to Market Roads 54 and 378. No damage was reported.				
<b>FLOYD COUNTY</b>				
13.0 SW FLOYDADA	05/31/07 19:18 CST		0	Hail (1.25 in)
FLOYDADA	05/31/07 20:26 CST		0	33.8471N, 101.49W ~ 33.98N, 101.33W
Numerous reports of large hail up to the size of half dollars were received as a cluster of severe thunderstorms moved east out of Hale County over western and central Floyd County.				
<b>HALE COUNTY</b>				
2.0 S PETERSBURG	05/31/07 19:18 CST		0	Tornado (EF0, L: 0.50 mi , W: 50 yd)
1.5 S PETERSBURG	05/31/07 19:19 CST		0	33.8411N, 101.6W ~ 33.8483N, 101.6W
Local fire department officials reported a brief tornado just south of Petersburg. The tornado remained in rural areas and did not result in any damage.				
<b>FLOYD COUNTY</b>				
15.0 SW FLOYDADA	05/31/07 19:27 CST		0	Tornado (EF0, L: 0.25 mi , W: 50 yd)
14.8 SW FLOYDADA	05/31/07 19:28 CST		0	33.8267N, 101.515W ~ 33.8292N, 101.512W
The Ralls Fire Department reported a brief tornado in extreme southwestern Floyd County as a supercell storm moved eastward from the Petersburg area. The tornado was brief and remained in open fields.				
<b>HALE COUNTY</b>				
3.0 E COTTON CENTER	05/31/07 19:30 CST		0	Hail (2.75 in)
	05/31/07 19:30 CST		0	34N, 101.948W
Law enforcement officials reported baseball size hail east of Cotton Center on Farm to Market Road 37. No damage was reported.				
<b>YOAKUM COUNTY</b>				
3.0 N PLAINS	05/31/07 19:30 CST		75K	Thunderstorm Wind (EG 61 kt)
12.0 NE PLAINS	05/31/07 19:40 CST		0	33.2234N, 102.83W ~ 33.3027N, 102.683W
Newspaper articles reported damaging thunderstorm winds up to 70 miles per hour across northern Yoakum County. The worst damage was reported near Farm to Market Road 1780 where a number of irrigation systems and utility poles were damaged.				
<b>HALE COUNTY</b>				
COTTON CENTER	05/31/07 19:35 CST		0	Thunderstorm Wind (EG 52 kt)
	05/31/07 19:35 CST		0	34N, 102W
The public estimated a thunderstorm wind gust up to 60 miles per hour in Cotton Center. No damage was reported.				
<b>LAMB COUNTY</b>				
3.0 N SPADE	05/31/07 19:45 CST		0	Hail (1.75 in)
	05/31/07 19:45 CST		0	33.9634N, 102.15W
The public reported golf ball size hail just north of Spade.				
<b>YOAKUM COUNTY</b>				
2.0 W PLAINS	05/31/07 19:45 CST		0	Hail (1.00 in)
3.0 ESE BRONCO	05/31/07 20:02 CST		0.10M	33.18N, 102.865W ~ 33.2334N, 103.002W

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>Law enforcement reported large hail up to the size of quarters between Bronco and Plains. Reports indicated severe damage to cotton crops east of Bronco.</p>				
<b>FLOYD COUNTY</b>				
15.0 SW FLOYDADA	05/31/07 20:10 CST		75K	Flash Flood (due to Heavy Rain)
FLOYDADA	05/31/07 23:30 CST		0	33.8267N, 101.515W ~ 33.98N, 101.33W
<p>Many reports of flash flooding were received from near the Hale and Floyd County line northeastward to Floydada. Many secondary roads were inundated by flowing flood waters including Farm to Market Road 54. In Floydada, a playa lake on the south side of the city flooded and caused high water to threaten a number of mobile homes and two businesses. High water also flowed over Highway 62 south of the city.</p>				
<b>HALE COUNTY</b>				
1.0 E PETERSBURG	05/31/07 20:10 CST		0	Flash Flood (due to Heavy Rain)
2.0 E PETERSBURG	05/31/07 23:00 CST		0	33.87N, 101.583W ~ 33.87N, 101.565W
<p>Skywarn spotters reported flash flooding that resulted in flowing water over Farm to Market Road 54 east of Petersburg.</p>				
<b>TERRY COUNTY</b>				
TOKIO	05/31/07 20:25 CST		25K	Thunderstorm Wind (EG 56 kt)
	05/31/07 20:25 CST		0	33.18N, 102.58W
<p>Law enforcement officials reported that thunderstorm winds downed several utility poles in Tokio.</p>				
<b>MOTLEY COUNTY</b>				
3.0 N ROARING SPGS	05/31/07 21:25 CST		0	Thunderstorm Wind (MG 51 kt)
	05/31/07 21:25 CST		0	33.9434N, 100.85W
<p>The Texas Tech University West Texas Mesonet recorded a thunderstorm wind gust of 59 miles per hour near Roaring Springs. No damage was reported.</p>				
<b>COTTLE COUNTY</b>				
10.0 SW PADUCAH	05/31/07 22:10 CST		0	Thunderstorm Wind (MG 52 kt)
	05/31/07 22:10 CST		0	33.9178N, 100.423W
<p>The Texas Tech University West Texas Mesonet site near Paducah recorded a thunderstorm wind gust to 60 miles per hour.</p>				
<b>COTTLE COUNTY</b>				
2.0 SW PADUCAH	05/31/07 22:15 CST		0	Hail (0.88 in)
2.0 WSW PADUCAH	05/31/07 22:15 CST		0	33.9996N, 100.325W ~ 34.0089N, 100.332W
<p>The Paducah fire department reported nickel size hail just southwest of the city.</p>				
<p><b>An active round of severe thunderstorms impacted the South Plains during the late afternoon and evening hours of the 31st. Thunderstorms initiated along a dryline over the western South Plains during the late afternoon hours. Convective modes were mixed between multicell clusters and isolated supercell storms. A cluster of severe storms over southeastern Hale County and western Floyd County produced very large hail, at least two tornadoes and flash flooding. One supercell storm additionally affected portions of western Hale County with very large hail up to the size of baseballs.</b></p>				
<p><b>More scattered convection initiated during the evening hours and moved east across the South Plains region. Several storms produced damaging thunderstorm winds and hail.</b></p>				