

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TEXAS, South Panhandle				
HALL COUNTY				
3.0 S ESTELLINE	06/01/07 13:40 CST		0	Hail (0.88 in)
	06/01/07 13:40 CST		0	34.5066N, 100.43W
The public reported nickel size hail just south of Estelline.				
CHILDRESS COUNTY				
8.0 SSW CHILDRESS	06/01/07 13:54 CST		0	Hail (1.00 in)
CHILDRESS	06/01/07 14:12 CST		0	34.3131N, 100.254W ~ 34.42N, 100.2W
Multiple reports indicated that large hail from penny to quarter size fell over portions of U.S. Highway 83 along a swath from the Childress and Cottle County line to the city of Childress. No damage was reported.				
COTTLE COUNTY				
10.0 ENE CEE VEE	06/01/07 14:02 CST		0	Hail (1.75 in)
8.0 NW PADUCAH	06/01/07 14:49 CST		0	34.2753N, 100.288W ~ 34.1018N, 100.399W
Many reports were received from local authorities that indicated hail up to the size of golf balls fell over northern Cottle County, including along U.S. Highway 83. Golf ball size hail was initially reported along the Childress and Cottle County line at 14:02 CST. The severe storms and associated hail reports spread southward through 14:49 CST, when golf ball size hail was reported eight miles northwest of Paducah.				
Scattered severe thunderstorms developed over the extreme southeastern portions of the Texas Panhandle and the northern parts of the west Texas Rolling Plains during the mid afternoon hours of the 1st. These storms produced large hail up to the size of golf balls.				
COCHRAN COUNTY				
1.0 ENE MORTON	06/01/07 19:45 CST		0	Thunderstorm Wind (MG 51 kt)
	06/01/07 19:45 CST		0	33.7255N, 102.754W
The Texas Tech University West Texas Mesonet site near Morton recorded a severe thunderstorm wind gust of 59 mph. No damage was reported.				
LAMB COUNTY				
2.0 W LITTLEFIELD	06/01/07 19:55 CST		0	Hail (0.88 in)
	06/01/07 19:55 CST		0	33.92N, 102.355W
A storm chaser reported nickel size hail just west of Littlefield.				
HOCKLEY COUNTY				
4.0 W LEVELLAND	06/01/07 20:23 CST		0.25M	Thunderstorm Wind (MG 64 kt)
6.0 NNW ROPESVILLE	06/01/07 20:40 CST		0	33.58N, 102.439W ~ 33.5001N, 102.19W
A severe thunderstorm produced a swath of damaging winds, accompanied by large hail, from the Levelland vicinity to near Ropesville. A meteorologist initially estimated winds gusting up to 60 mph west of Levelland along Texas Highway 114 at 20:23 CST. By 20:30 CST, the Texas Tech University West Texas Mesonet site south of Levelland recorded a peak gust of 74 mph. The winds downed numerous power lines and utility poles. A roof was blown off of an apartment complex in Levelland, where a storm chaser measured a peak gust of 63 mph. No injuries occurred, but the American Red Cross assisted several families that became homeless due to the damage at the Lone Star Town Homes. All four families, a total of seventeen people, required assistance. In addition, a local AM radio station sustained damage. A Texas Tech University West Texas Mesonet meteorologist later estimated winds up to 65 mph near Ropesville.				
HOCKLEY COUNTY				
1.0 W LEVELLAND	06/01/07 20:24 CST		20K	Hail (1.00 in)
LEVELLAND	06/01/07 20:26 CST		0.10M	33.58N, 102.387W ~ 33.58N, 102.37W
Multiple reports were received of nickel to quarter size hail in and around Levelland. The hail was accompanied by destructive winds. Newspaper reports indicated that hail across the area destroyed more than one thousand acres of cotton. In addition, a total of forty-seven windows were broken by the wind-blown hail in Levelland.				
HALE COUNTY				
ABERNATHY	06/01/07 21:00 CST		0	Hail (0.75 in)
	06/01/07 21:00 CST		0	33.83N, 101.85W
The public reported penny size hail in Abernathy.				

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TERRY COUNTY				
1.0 E MEADOW	06/01/07 21:00 CST		0	Hail (0.75 in)
5.0 E MEADOW	06/01/07 21:30 CST		0.25M	33.33N, 102.183W ~ 33.33N, 102.114W
Local newspapers reported that hail damage to cotton crops was extensive across portions of Terry County. Reports indicated that the most significant damage occurred in fields east of Meadow. Cotton in that area was said to be a total loss, with many farmers having to abandon hopes of a successful cotton crop and forced to plant other crops.				
LUBBOCK COUNTY				
2.0 S WOLFFORTH	06/01/07 21:05 CST		0	Thunderstorm Wind (EG 61 kt)
	06/01/07 21:05 CST		0	33.4711N, 102.02W
The severe storm that produced a swath of damaging winds over Hockley County continued to move southeastward over portions of Lubbock County. A Skywarn spotter estimated thunderstorm wind gusts up to 70 mph south of Wolfforth along Farm to Market Road 179 near the intersection of Farm to Market 1585. No damage was reported.				
KING COUNTY				
11.0 SW GUTHRIE	06/01/07 23:05 CST		0	Thunderstorm Wind (EG 52 kt)
	06/01/07 23:05 CST		0	33.5076N, 100.465W
Large tree limbs were broken by damaging thunderstorm winds at a ranch headquarters southwest of Guthrie.				
A destructive round of severe thunderstorms initiated over the western portions of the west Texas South Plains during the evening hours of the 1st. These storms produced winds measuring up to 74 mph near Levelland (Hockley County) and resulted in structural damage that left four families homeless. In addition, wind-blown hail damaged thousands of acres of cotton over portions of Hockley and Terry Counties. No injuries were reported, but damage estimates exceeded \$600,000.				
CASTRO COUNTY				
8.0 NW DIMMITT	06/02/07 17:58 CST		0	Hail (1.75 in)
SUNNYSIDE	06/02/07 19:21 CST		0	34.6318N, 102.419W ~ 34.35N, 102.3W
An isolated supercell thunderstorm produced a swath of large hail over central Castro County during the evening hours of the 2nd. Initial reports indicated penny to nickel size hail near the community of Easter around 18:00 CST. By 18:20 CST, golfball size hail was reported along Farm to Market Road 1055 south of Easter, and by 18:38 CST quarter size hail covered portions of Farm to Market Road 2392 near Dimmitt. In addition, quarter size hail was reported in Sunnyside at 19:21 CST. No damages were reported.				
CASTRO COUNTY				
7.5 SW DIMMITT	06/02/07 18:55 CST		0	Tornado (EF0, L: 0.20 mi , W: 30 yd)
7.7 SW DIMMITT	06/02/07 18:57 CST		0	34.4733N, 102.413W ~ 34.4713N, 102.415W
Multiple storm chasers reported a brief tornado between Sunnyside and Dimmitt. The tornado appeared as a small condensation funnel with a dust-filled debris cloud below. It remained over open farm land and no damage was reported.				
CASTRO COUNTY				
12.5 SSW DIMMITT	06/02/07 19:15 CST		0	Tornado (EF0, L: 4.00 mi , W: 300 yd)
16.0 SSW DIMMITT	06/02/07 19:30 CST		0	34.383N, 102.404W ~ 34.3363N, 102.427W
Storm chasers photographed a large tornado partially wrapped in rain near the community of Sunnyside in southwestern Castro County. The tornado, which appeared as a truncated cone, remained over open country just south of Farm to Market Road 145 and east of U.S. Highway 385. No damage was reported.				
LAMB COUNTY				
2.0 N EARTH	06/02/07 19:53 CST		0	Hail (1.75 in)
5.0 NW LITTLEFIELD	06/02/07 21:19 CST		0	34.2589N, 102.4W ~ 33.9711N, 102.382W
The isolated tornadic supercell continued to move southward out of Castro County and produced a swath of large hail over much of Lamb County. The Earth Fire Department initially reported golf ball size hail two miles north of Earth. Golf ball size hail was additionally reported three miles northwest of Springlake at 19:56 CST. Skywarn spotters continued to report quarter size hail southwest of Fieldton at 20:51 CST, and penny to quarter size hail northwest of Littlefield along U.S. Highway 84 between 21:55 and 22:19 CST. Severe wind gusts also accompanied the storm.				
LAMB COUNTY				
5.3 SSE EARTH	06/02/07 20:14 CST		0	Tornado (EF0, L: 0.15 mi , W: 100 yd)
5.4 SSE EARTH	06/02/07 20:15 CST		0	34.1599N, 102.365W ~ 34.1579N, 102.364W

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>Several storm chasers and Skywarn spotters observed a brief tornado east of Farm to Market Road 1055 south of Earth. The tornado remained in open fields and no damage was reported.</p>				
LAMB COUNTY				
1.0 NE AMHERST	06/02/07 20:50 CST		0	Thunderstorm Wind (MG 51 kt)
	06/02/07 20:50 CST		0	34.0302N, 102.408W
<p>The Texas Tech University West Texas Mesonet site near Amherst recorded a peak thunderstorm wind gust of 59 mph. No damage was reported.</p>				
GARZA COUNTY				
1.0 NW POST	06/02/07 21:00 CST		0	Hail (1.75 in)
4.0 S POST	06/02/07 21:07 CST		0	33.1902N, 101.392W ~ 33.1222N, 101.38W
<p>Numerous reports indicated large hail that ranged in size from nickels to golf balls in the Post vicinity around 21:00 CST as an isolated supercell storm quickly developed over the community. Initial reports of quarter size hail were received along U.S. Highway 83 just northwest of the city By 21:07 CST, golf ball size hail was reported south of Post at the intersection of Farm to Market Roads 1313 and 669.</p>				
GARZA COUNTY				
6.3 WSW JUSTICEBURG	06/02/07 21:34 CST		0	Tornado (EF0, L: 0.75 mi , W: 100 yd)
6.8 WSW JUSTICEBURG	06/02/07 21:36 CST		0	32.9954N, 101.3W ~ 32.9927N, 101.308W
<p>Storm chasers reported a tornado in open country southwest of Justiceburg. Local officials indicated that the tornado caused minor tree damage, but no structural damage was reported.</p>				
LAMB COUNTY				
4.8 S LITTLEFIELD	06/02/07 21:35 CST		0	Tornado (EF0, L: 1.50 mi , W: 100 yd)
6.0 SSE LITTLEFIELD	06/02/07 21:40 CST		0	33.8513N, 102.32W ~ 33.8399N, 102.28W
<p>Veteran storm chasers and Skywarn spotters observed at least one tornado as it intermittently developed, dissipated, and reformed over extreme southern Lamb County south of Littlefield. The tornado remained over open country east of U.S. Highway 385 and crossed into northern Hockley County at 21:40 CST. Eyewitness accounts describe that the tornado went through a "Wizard of Oz"-like phase when its movement was erratic as it roped out north of Whitharral. Radar data indicates that the tornado was associated with a deeply occluded mesocyclone within a weakening supercell storm.</p>				
HOCKLEY COUNTY				
6.5 N WHITHARRAL	06/02/07 21:40 CST		0	Tornado (EF0, L: 0.75 mi , W: 100 yd)
6.0 NNE WHITHARRAL	06/02/07 21:44 CST		0	33.824N, 102.33W ~ 33.8101N, 102.29W
<p>Veteran storm chasers and Skywarn spotters observed at least one tornado as it intermittently developed, dissipated, and reformed over extreme southern Lamb County south of Littlefield. The tornado remained over open country east of U.S. Highway 385 and crossed into northern Hockley County at 21:40 CST. Eyewitness accounts describe that the tornado went through a "Wizard of Oz"-like phase when its movement was erratic as it roped out north of Whitharral. Radar data indicates that the tornado was associated with a deeply occluded mesocyclone within a weakening supercell storm.</p>				
GARZA COUNTY				
4.0 WSW JUSTICEBURG	06/02/07 21:45 CST		0	Hail (2.50 in)
	06/02/07 21:45 CST		0	33.0079N, 101.264W
<p>Public reports indicated tennis ball size hail in rural areas southwest of Justiceburg. No reports of significant damage were received.</p>				
HOCKLEY COUNTY				
3.0 N LEVELLAND	06/02/07 21:50 CST		0.10M	Hail (1.75 in)
1.0 W ROPESVILLE	06/02/07 22:48 CST		0	33.6234N, 102.37W ~ 33.42N, 102.167W
<p>A swath of large hail impacted Hockley County as a complex evolution of supercell mergers occurred over the county. Initial reports indicated large hail, including giant tennis ball size hail, near the city of Levelland. A majority of the reports indicated quarter to golf ball size hail between Levelland and Ropesville. The hail was briefly accompanied by severe thunderstorm winds estimated at 70 mph northwest of Ropesville. Windows and skylights were broken in parts of Levelland, and numerous vehicles received hail damage.</p>				
HOCKLEY COUNTY				
2.0 N LEVELLAND	06/02/07 21:52 CST		25K	Hail (2.50 in)
	06/02/07 21:52 CST		0	33.6089N, 102.37W
<p>A rapidly developing supercell produced tennis ball size hail along U.S. Highway 385 just north of Levelland. Some damage to vehicles was reported.</p>				
HOCKLEY COUNTY				

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1.5 W LEVELLAND	06/02/07 22:03 CST		15K	Tornado (EF0, L: 1.00 mi , W: 75 yd)
1.3 SW LEVELLAND	06/02/07 22:05 CST		0	33.58N, 102.396W ~ 33.5667N, 102.386W

Newspaper articles indicated that local law enforcement officials and the public witnessed a tornado just west of Levelland around 22:00 CST. Radar imagery depicted strong evidence of a tornado at the time of the sightings. Fire department officials reported downed power lines in the area of the tornado's path.

PARMER COUNTY

FARWELL	06/02/07 22:05 CST		0	Hail (1.00 in)
	06/02/07 22:05 CST		0	34.38N, 103.03W

The Parmer County Sheriff's Office reported quarter size hail in Farwell.

HOCKLEY COUNTY

7.0 WNW ROPESVILLE	06/02/07 22:15 CST		50K	Thunderstorm Wind (EG 61 kt)
6.0 NNW ROPESVILLE	06/02/07 22:26 CST		0	33.4587N, 102.262W ~ 33.5001N, 102.19W

A Texas Tech University West Texas Mesonet meteorologist reported severe thunderstorm winds up to 70 mph that accompanied large hail northwest of Ropesville. Local farmers reported that several center pivot irrigation systems were destroyed near Farm to Market Road 1585.

BAILEY COUNTY

10.0 W PROGRESS	06/02/07 22:39 CST		0	Hail (1.75 in)
10.0 WSW PROGRESS	06/02/07 22:47 CST		0	34.28N, 102.995W ~ 34.2247N, 102.982W

Quarter to golf ball size hail reportedly covered the ground along a swath from the West Camp community southward along Farm to Market Road 1731.

TERRY COUNTY

MEADOW	06/02/07 22:50 CST		75K	Hail (4.50 in)
	06/02/07 23:00 CST		0	33.33N, 102.2W

Local officials reported that very large hail, possibly accompanied by severe winds, caused damage in the Meadow vicinity. Hail up to the size of softballs reportedly shattered numerous windows at a school in Meadow.

HOCKLEY COUNTY

3.0 SE LEVELLAND	06/02/07 23:15 CST		5K	Flash Flood (due to Heavy Rain)
3.0 ESE ROPESVILLE	06/03/07 01:00 CST		0	33.5493N, 102.333W ~ 33.4034N, 102.102W

The Texas Department of Transportation used road graders to clear mud flow debris of more than one foot in depth that resulted from flash flooding over a number of southeast Hockley County roadways. The worst flooding occurred along Farm to Market Roads 2646, 3261, and 1585.

LYNN COUNTY

5.0 W TAHOKA	06/03/07 00:30 CST		0	Flash Flood (due to Heavy Rain)
2.0 W NEW HOME	06/03/07 03:00 CST		0	33.18N, 101.866W ~ 33.32N, 101.955W

Local law enforcement official reported that flash flooding resulted in rapidly flowing water over U.S. Highway 380 west of Tahoka. In addition, flowing flood waters inundated several county roads near New Home.

HALL COUNTY

MEMPHIS	06/03/07 02:05 CST		0	Hail (0.88 in)
	06/03/07 02:05 CST		0.13M	34.72N, 100.53W

Local officials reported nickel size hail in Memphis. Delayed reports received from area newspapers indicated that at least 6,000 acres of cotton crops were destroyed by the hail across Hall County, but details concerning the location of damaged fields was not available.

LUBBOCK COUNTY

(LBB)LUBBOCK INTL AR	06/03/07 02:15 CST		0	Thunderstorm Wind (EG 52 kt)
	06/03/07 02:15 CST		0	33.67N, 101.82W

The FAA contract weather observer at the Lubbock International Airport reported thunderstorm winds in excess of 60 mph at the reporting station. The Automated Surface Observing System, located approximately one mile away, measured a peak gust of 56 mph. No damage was reported.

CHILDRESS COUNTY

9.0 WNW CHILDRESS	06/03/07 02:30 CST		0	Hail (0.88 in)
	06/03/07 02:30 CST		0	34.4698N, 100.346W

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The Childress County Sheriff's Department reported nickel size hail at Baylor Lake in western Childress County.				
COTTLE COUNTY				
LAZARE	06/03/07 03:08 CST		0	Hail (1.00 in)
	06/03/07 03:08 CST		0	34.32N, 100W
Local emergency management officials reported quarter size hail and thunderstorm wind gusts that were estimated up to 60 mph in the community of Lazare.				
COTTLE COUNTY				
LAZARE	06/03/07 03:08 CST		0	Thunderstorm Wind (EG 52 kt)
	06/03/07 03:08 CST		0	34.32N, 100W
Local emergency management officials reported quarter size hail and thunderstorm wind gusts that were estimated up to 60 mph in the community of Lazare.				
<p>An active round of severe thunderstorms erupted along a series of outflow boundaries over the South Plains of west Texas during the evening hours of the 2nd, and persisted into the early morning hours of the 3rd. Atmospheric wind shear was sufficient to result in scattered supercell storms that produced extremely large hail and at least six tornadoes.</p> <p>Damage from the storms was generally a result of large hail, which broke windows and dented vehicles in Levelland (Hockley County) and Meadow (Terry County).</p>				
YOAKUM COUNTY				
15.0 NE PLAINS	06/03/07 19:42 CST		0	Hail (0.88 in)
	06/03/07 19:42 CST		0	33.3333N, 102.647W
The Terry County Emergency Management Office reported large hail up to the size of nickels in northeastern Yoakum County.				
TERRY COUNTY				
8.0 S BROWNFIELD	06/03/07 20:40 CST		0	Flood (due to Heavy Rain)
10.0 NE BROWNFIELD	06/03/07 23:00 CST		0	33.0643N, 102.28W ~ 33.2822N, 102.158W
Heavy rainfall resulted in minor flooding along several roadways in central and eastern Terry County, including Farm to Market Roads 403 and 168, and County Road 1076. No reports of serious travel problems were received.				
LUBBOCK COUNTY				
LUBBOCK	06/03/07 21:40 CST		15K	Flood (due to Heavy Rain)
	06/04/07 00:00 CST		0	33.58N, 101.85W
The broadcast media reported standing water that covered portions of 98th Street during the late evening hours of the 3rd. The water accumulated in a construction zone as heavy rainfall fell over the southern portions of Lubbock. At least one vehicle became stranded in the flood waters.				
<p>A complex of strong to severe thunderstorms moved eastward out of the plains of New Mexico and progressed across the western and central South Plains during the evening hours of the 3rd. One storm within the complex produced large hail over Yoakum County. The complex of storms produced heavy rainfall that resulted in minor street flooding in Terry and Lubbock Counties.</p>				
PARMER (TX-Z021)				
	06/06/07 15:50 CST		0	High Wind (MAX 51 kt)
	06/06/07 15:50 CST		0	
<p>A strong storm system moved eastward over the Southern Plains on the 6th, and resulted in strong westerly winds and blowing dust over much of the region. Gusts became severe over Parmer County, with a 59 mph gust measured by the Texas Tech University West Texas Mesonet site near Friona shortly before 16:00 CST.</p>				
GARZA COUNTY				
SOUTHLAND	06/09/07 16:15 CST		0	Thunderstorm Wind (MG 58 kt)
5.0 SSW GRAHAM CHAPEL	06/09/07 16:43 CST		0	33.35N, 101.55W ~ 33.0832N, 101.503W
A cluster of thunderstorms developed over western Garza County during the afternoon hours of the 9th and produced locally severe winds. The Texas Tech University West Texas Mesonet site near Graham recorded a 67 mph wind gust at 17:25 CST. National Weather Service cooperative observers additionally reported 60 mph in Southland. No damage was reported.				
LYNN COUNTY				

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4.0 N GRASSLAND	06/09/07 16:15 CST		0	Thunderstorm Wind (EG 52 kt)
	06/09/07 16:15 CST		0	33.1878N, 101.6W

The public reported that thunderstorm winds downed large tree limbs just north of Grassland.

LUBBOCK COUNTY

2.0 NE SLATON	06/09/07 16:50 CST		0	Thunderstorm Wind (MG 52 kt)
SLATON	06/09/07 17:15 CST		0	33.4504N, 101.626W ~ 33.43N, 101.65W

Thunderstorms over extreme southeastern Lubbock County produced wind gusts up to 60 mph, as measured by the Texas Tech University West Texas Mesonet near Slaton. Several public reports of winds estimated near 60 mph also were received, but no damage was reported.

LUBBOCK COUNTY

SLATON	06/09/07 16:50 CST		0	Hail (0.75 in)
	06/09/07 16:50 CST		0	33.43N, 101.65W

Local emergency management officials reported large hail up to the size of pennies in Slaton. The hail was accompanied by severe wind gusts.

HALE COUNTY

HALFWAY	06/09/07 17:30 CST		0	Thunderstorm Wind (EG 52 kt)
5.0 ENE ABERNATHY	06/09/07 18:16 CST		0	34.18N, 101.95W ~ 33.8577N, 101.77W

Additional severe storms over Hale County produced a swath of severe winds over western and southern portions of the county. Local fire department officials reported 60 mph winds in Halfway. Also, the Texas Tech University West Texas Mesonet site near Abernathy recorded a wind gust of 58 mph. No damage was reported.

HALE COUNTY

PLAINVIEW	06/09/07 18:23 CST		0	Flood (due to Heavy Rain)
	06/09/07 21:00 CST		0	34.2N, 101.7W

Emergency management officials reported that heavy rainfall resulted in minor flooding of many city streets in Plainview. A few roads were reportedly impassable.

Scattered thunderstorms developed over the west Texas South Plains during the afternoon and early evening hours of the 9th. Several clusters of severe storms produced wind gusts up to 67 mph over portions of Garza, Hale, Lynn, and Lubbock Counties. Penny size hail fell in Slaton (Lubbock County). No damage was reported.

GARZA COUNTY

8.0 E POST	06/15/07 17:54 CST		0	Hail (0.75 in)
	06/15/07 17:54 CST		0	33.18N, 101.242W

Local law enforcement officials reported penny size hail east of Post along U.S. Highway 380.

KENT COUNTY

1.0 SSE JAYTON	06/15/07 19:05 CST		0	Thunderstorm Wind (MG 52 kt)
	06/15/07 19:05 CST		0	33.2366N, 100.573W

The Texas Tech University West Texas Mesonet recorded a 60 mph thunderstorm wind gust near Jayton. No damage was reported.

Isolated thunderstorms developed along an outflow boundary over the southeastern South Plains of west Texas during the late afternoon and evening hours of the 15th. At least two storms briefly became severe and produced penny size hail and 60 mph winds.

PARMER COUNTY

BLACK	06/19/07 19:10 CST		0	Hail (0.75 in)
	06/19/07 19:20 CST		25K	34.68N, 102.62W

Local farmers reported penny size hail accompanied by thunderstorm wind gusts estimated at 60 mph. The wind-blown hail damaged wheat crops.

PARMER COUNTY

BLACK	06/19/07 19:10 CST		0	Thunderstorm Wind (EG 52 kt)
	06/19/07 19:20 CST		25K	34.68N, 102.62W

Local farmers estimated 60 mph thunderstorm winds that were accompanied by penny size hail near Black. The wind-blown hail reportedly damaged wheat crops.

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CASTRO COUNTY				
12.0 NW DIMMITT	06/19/07 19:55 CST		15K	Thunderstorm Wind (MG 52 kt)
2.0 NE DIMMITT	06/19/07 20:05 CST		0	34.6727N, 102.469W ~ 34.5704N, 102.295W
Residents near the Easter community in northwestern Castro County estimated thunderstorm wind gusts up to 60 mph shortly before 20:00 CST. The winds downed utility lines, and electrical power was out to several customers for nearly three hours. By 20:05 CST, the Texas Tech University West Texas Mesonet site near Dimmitt recorded a peak gust of 60 mph as the thunderstorms continued to move southeast.				
HOCKLEY COUNTY				
7.0 N SMYER	06/19/07 23:05 CST		0	Hail (0.75 in)
	06/19/07 23:05 CST		50K	33.6812N, 102.17W
Hail up to three-quarters of an inch in diameter damaged a swath of cotton near the intersection of Farm to Market Roads 168 and 1294 north of Smyer.				
HALL (TX-Z025), CROSBY (TX-Z036)				
	06/19/07 23:20 CST		25K	High Wind (MAX 77 kt)
	06/20/07 01:55 CST		0	
CHILDRESS COUNTY				
(CDS)CHILDRESS ARPT	06/19/07 23:35 CST		0	Thunderstorm Wind (MG 54 kt)
	06/19/07 23:35 CST		0	34.43N, 100.3W
The Automated Surface Observing System at the Childress Airport recorded a peak gust of 62 mph as a line of severe thunderstorms impacted the vicinity. No damage was reported in the area.				
LUBBOCK COUNTY				
5.0 SW LUBBOCK	06/19/07 23:40 CST		0	Hail (1.00 in)
LUBBOCK	06/19/07 23:45 CST		0	33.5289N, 101.911W ~ 33.58N, 101.85W
Numerous reports, including from local media and off duty National Weather Service meteorologists, were received of large hail ranging from penny to quarter size in the west side of Lubbock. The largest hail affected the Shadow Hills subdivision in northwest Lubbock. No damage was reported.				
LUBBOCK COUNTY				
6.0 W LUBBOCK	06/19/07 23:50 CST		15K	Flash Flood (due to Heavy Rain)
	06/20/07 01:00 CST		0	33.58N, 101.954W
Local emergency officials reported that heavy rainfall resulted in flash flooding along several city street in west Lubbock. Reports indicated that several vehicles were stalled in flood waters. No injuries were reported.				
COTTLE COUNTY				
1.0 N PADUCAH	06/20/07 00:15 CST		0	Thunderstorm Wind (EG 52 kt)
	06/20/07 00:15 CST		0	34.0345N, 100.3W
The public reported that severe thunderstorm winds broke a number of large tree limbs just north of Paducah along U.S. Highway 62/83.				
LYNN COUNTY				
9.0 W NEW HOME	06/20/07 00:20 CST		0	Hail (0.88 in)
	06/20/07 00:25 CST		25K	33.32N, 102.076W
Local agricultural officials reported that pea to nickel size hail damaged cotton crops along the Terry and Lynn County line between Meadow and New Home.				
TERRY COUNTY				
7.0 E MEADOW	06/20/07 00:20 CST		0	Hail (0.88 in)
	06/20/07 00:25 CST		25K	33.33N, 102.079W
Local agricultural officials reported that pea to nickel size hail damaged cotton crops along the Terry and Lynn County line between Meadow and New Home.				
STONEWALL COUNTY				
ASPERMONT	06/20/07 00:50 CST		20K	Thunderstorm Wind (EG 52 kt)
	06/20/07 01:00 CST		0	33.15N, 100.23W

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Local law enforcement officials reported that severe thunderstorm winds caused minor roof damage to a number of structures in Aspermont. A Texas Tech University West Texas Mesonet site three miles northeast of the city recorded a peak wind gust of 53 mph.				

Scattered thunderstorms developed over a large portion of the Southern Plains during the evening hours of the 19th. This activity evolved into a derecho, or long-lived linear convective complex resulting in extreme winds, that rapidly propagated southeastward over the eastern Texas Panhandle, southwestern Oklahoma, and western north Texas.

In addition to damaging thunderstorm winds, Texas Tech University West Texas Mesonet data depicted a well-defined mesoscale high that developed in the wake of the storms. This feature contributed to wind gusts measured as high as 89 mph in Memphis (Hall County). Structural damage was limited, and no injuries were reported. Also, several reports were received of cotton and wheat crop damage in associated with large hail over the western South Plains.

YOAKUM COUNTY

2.0 E PLAINS	06/20/07 07:10 CST	0	Hail (0.75 in)
	06/20/07 07:10 CST	50K	33.18N, 102.796W

An isolated severe thunderstorm developed over the extreme southwestern South Plains of west Texas during the morning hours of the 20th. The storm produced up to penny size hail near U.S. Highway 82 east of Plains. Minor crop damage was reported by local farmers.

PARMER COUNTY

3.0 E FRIONA	06/22/07 19:00 CST	0	Hail (0.75 in)
5.0 E FRIONA	06/22/07 19:10 CST	0.10M	34.63N, 102.677W ~ 34.63N, 102.642W

A complex of thunderstorms propagated southeastward from the plains of eastern New Mexico over the western South Plains and the extreme southwestern Texas Panhandle during the evening hours of the 22nd. Local newspapers reported that large hail up to the size of pennies resulted in severe damage to cotton, wheat and alfalfa crops just east of Friona.

FLOYD COUNTY

2.0 NE FLOYDADA	06/24/07 00:45 CST	0	Thunderstorm Wind (MG 50 kt)
	06/24/07 00:45 CST	0	34.0004N, 101.305W

A linear complex of strong to severe thunderstorms propagated southward over the west Texas South Plains during the late night and early morning hours of the 23rd and the 24th. One segment of the complex produced a 58 mph wind gust near Floydada as measured by the Texas Tech University West Texas Mesonet.

SWISHER COUNTY

HAPPY	06/26/07 17:54 CST	0	Thunderstorm Wind (MG 50 kt)
	06/26/07 17:54 CST	0	34.73N, 101.85W

A 58 mph thunderstorm wind gust was measured by a local broadcast media schoolnet in Happy. No damage was reported.

BAILEY COUNTY

4.0 NW MULESHOE	06/26/07 18:48 CST	25K	Hail (1.75 in)
MULESHOE	06/26/07 19:36 CST	0	34.2609N, 102.78W ~ 34.22N, 102.73W

Numerous law enforcement officials reported large hail that ranged in size from pennies to golf balls near Muleshoe between 18:48 and 19:36 CST. Initial reports indicated golf ball size hail northwest of the city along U.S. Highway 84. A police cruiser was damaged by the hail. By 19:09 CST penny size hail was reported in Muleshoe.

YOAKUM COUNTY

3.0 N PLAINS	06/26/07 20:45 CST	0.20M	Thunderstorm Wind (MG 70 kt)
DENVER CITY	06/26/07 21:15 CST	75K	33.2234N, 102.83W ~ 32.97N, 102.85W

A swath of extreme winds accompanied a bowing line-shaped convective complex as it moved southward over portions of Yoakum and Terry Counties during the late evening hours of the 26th. Severe winds initiated over central Yoakum County as measured by the Texas Tech University West Texas Mesonet site near Plains where a 62 mph gust was recorded at 20:45 CST. A cattle feed lot located on the New Mexico and Texas state line in western Yoakum County measured a peak gust of 81 mph according to newspaper accounts.

Damage to utility poles, lines, and trees was widespread. Numerous power poles were snapped along Farm to Market Road 213. Some minor crop damage occurred due to sandblasting. No significant structural damage was reported.

Law enforcement officials reported damage in and near Denver City when the winds spread south across southern Yoakum County. Winds estimated up to 70 mph reportedly occurred in the city between 21:10 and 21:15 CST. A number of power poles were snapped by the winds.

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TERRY COUNTY				
BROWNFIELD	06/26/07 21:18 CST		0.25M	Thunderstorm Wind (MG 54 kt)
2.0 S BROWNFIELD	06/26/07 21:20 CST		0	33.18N, 102.28W ~ 33.1511N, 102.28W

A swath of severe winds accompanied a bowing line-shaped convective complex as it moved southward over portions of Yoakum and Terry Counties during the late evening hours of the 26th. Severe winds impacted areas near Brownfield around 21:20 CST. A 62 mph gust was measured by the Texas Tech University West Texas Mesonet site just south of the city. In addition, the public estimated gusts up to 60 mph in the city. Newspaper articles reported that up to one hundred utility poles were downed during the storm, and that electrical services were knocked out to most of the city through the late evening hours. In addition, many trees suffered damage. No significant structural damage was reported.

LYNN COUNTY				
15.0 W TAHOKA	06/26/07 21:35 CST		0	Thunderstorm Wind (MG 65 kt)
1.0 N O'DONNELL	06/26/07 22:50 CST		1M	33.18N, 102.039W ~ 32.9845N, 101.83W

A combination of extreme thunderstorm winds, small hail, and very heavy rains damaged or destroyed an estimated 20,000 acres of cotton in western and southern Lynn County during the late evening of the 26th. Thunderstorms associated with a derecho that impacted the southern west Texas South Plains and the Permian Basin began to impact the area along U.S. Highway 380 west of Tahoka shortly after 21:30 CST. These winds spread southeastward, and were measured up to 75 mph by the Texas Tech University West Texas Mesonet near O'Donnell. Wind-driven small hail and torrential rains caused a variety of damages to cotton plants that were already behind schedule and immature.

No structural damage was reported, but agricultural damages were estimated to approach \$1 million.

YOAKUM (TX-Z039)				
	06/26/07 21:50 CST		0	High Wind (MAX 54 kt)
	06/26/07 22:45 CST		0	

Thunderstorms initiated over the central Texas Panhandle during the late afternoon hours of the 26th. This activity organized into a derecho, or long-lived extreme wind event, as it moved south across portions of the west Texas South Plains and the Permian Basin.

On the South Plains, areas of Yoakum, Terry, and Lynn Counties were hit particularly hard. A thunderstorm wind gust up to 81 mph was measured in western Yoakum County. Damage to utility poles and trees was widespread, but winds up to 75 mph and small hail combined to damage or destroy 20,000 acres of cotton in Lynn County. Fortunately, no reports of structural damage were received and no injuries were reported. Total losses to electrical co-ops and agricultural interests, however, exceeded \$1.5 million.