

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TEXAS, South Panhandle				
(TX-Z022) CASTRO				
	06/04/08 16:55 CST		0	High Wind (MAX 51 kt)
	06/04/08 16:55 CST		0	
<p>Southwesterly winds were sustained at speeds between 25 to 35 mph over much of the west Texas South Plains region during the afternoon of the 4th. An isolated severe gust of 59 mph occurred at the Texas Tech University West Texas Mesonet site near Dimmitt. No damage was reported.</p>				
(TX-Z024) BRISCOE, (TX-Z040) TERRY				
	06/05/08 11:20 CST		5K	High Wind (MAX 56 kt)
	06/05/08 14:15 CST		0	
KING COUNTY --- 11.9 SSE GUTHRIE [33.45, -100.27], 16.0 ESE GUTHRIE [33.53, -100.07]				
	06/05/08 18:55 CST		0.10M	Thunderstorm Wind (EG 61 kt)
	06/05/08 19:10 CST		0	Source: Utility Company
<p>A local utility company reported the loss of numerous wooden utility poles as severe thunderstorms produced damaging wind gusts along swath over southeastern King County. More than fifty poles were destroyed across King and neighboring Stonewall County, but the exact number damaged in King County is unknown. In addition, a National Weather Service cooperative observer sustained damage to his home and a large metal storage barn near U.S. Highway 82 and Texas Highways 114 and 222 in eastern King County.</p>				
STONEWALL COUNTY --- ASPERMONT [33.15, -100.23], 3.0 NE ASPERMONT [33.18, -100.19]				
	06/05/08 19:30 CST		0.15M	Thunderstorm Wind (MG 61 kt)
	06/05/08 19:40 CST		0	Source: Mesonet
<p>Damaging thunderstorm winds impacted the Aspermont vicinity around 19:30 CST on the 5th. The winds caused widespread tree damage and tore tin off of several lightweight structures. Some large trees that were more than thirty years old were reportedly split and uprooted from the storm. A brick store-front was blown off of a Main Street building that dated back to the 1920s. The Texas Tech University West Texas Mesonet site northeast of Aspermont recorded a peak gust of 70 mph at 19:40 CST. A local utility company reported the loss of more than fifty wooden power poles across portions of Stonewall County and neighboring King County during the storms. No injuries were reported.</p> <p>A potent storm system translated eastward over the Southern Plains of the U.S. on the 5th. This system helped to push a dryline east across the west Texas South Plains, and tightening surface pressure fields contributed to strong southwesterly winds that were generally blowing at speeds between 25 and 35 mph west of the dryline. Localized and short-lived stronger gusts were observed, including a 59 mph gust near Silverton (Briscoe County) and a damaging wind gust at Brownfield (Terry County).</p> <p>During the evening hours, a broken line of severe thunderstorms initiated along the dryline over the southern Rolling Plains. These storms resulted in damaging winds over portions of King and Stonewall Counties. The hardest hit area was the Aspermont vicinity (Stonewall County), where some lightweight structures were damaged. In addition, more than fifty utility poles were reportedly downed by the winds across the two counties. Damage estimates total \$250,000. No injuries were reported.</p>				
TERRY COUNTY --- 5.0 SW BROWNFIELD [33.13, -102.34]				
	06/26/08 20:05 CST		0	Hail (0.75 in)
	06/26/08 20:05 CST		0	Source: Emergency Manager
<p>An isolated severe thunderstorm tracked northeastward from the western Permian Basin of west Texas and impacted areas near Brownfield (Terry County). Penny size hail was reported by local emergency management officials southwest of Brownfield along U.S. Highway 385/62.</p>				
KING COUNTY --- 10.0 WSW GUTHRIE [33.56, -100.49]				
	06/13/08 20:30 CST		0	Thunderstorm Wind (MG 51 kt)
	06/13/08 20:30 CST		0	Source: Mesonet
<p>Isolated thunderstorms impacted the southern Rolling Plains during the evening hours of the 13th. A storm over King County produced severe wind gusts up to 59 mph as measured by the Texas Tech University West Texas Mesonet site southwest of Guthrie. No damage was reported.</p>				
SWISHER COUNTY --- HAPPY [34.73, -101.85]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/21/08 00:45 CST		0	Heavy Rain
	06/21/08 01:30 CST		0	Source: Trained Spotter

A trained storm spotter reported up to two and a half inches of rainfall in association with a severe thunderstorm over Happy during the very early morning hours of the 21st. Many city streets were reported to be flooded with ponding water. No damage was reported.

SWISHER COUNTY --- HAPPY [34.73, -101.85]

06/21/08 00:55 CST	0	Hail (0.75 in)
06/21/08 01:00 CST	0	Source: Law Enforcement

Penny size hail was reported in Happy by local law enforcement officials and the public.

An isolated severe thunderstorm moved southeastward over portions of northern Swisher County during the very early morning hours of the 21st. Multiple reports indicated that large hail up to the size of pennies fell in Happy. The storm additionally produced very heavy rainfall which caused ponding of water in many city streets.

PARMER COUNTY --- FRIONA [34.63, -102.73]

06/22/08 18:32 CST	0	Hail (1.00 in)
06/22/08 18:32 CST	0	Source: Fire Department/Rescue

Local fire department officials reported quarter size hail in Friona. A nearby Texas Tech University West Texas Mesonet site also measured gusts up to 56 mph in association with the storm. No damage was reported.

CASTRO COUNTY --- 3.0 N HART [34.42, -102.12]

06/22/08 19:25 CST	0	Thunderstorm Wind (MG 54 kt)
06/22/08 19:30 CST	0	Source: Mesonet

The Texas Tech University West Texas Mesonet site near Hart recorded severe thunderstorm wind gusts of 62 mph at 19:25 CST and 60 mph at 19:30 CST. No damage was reported.

Isolated thunderstorms impacted the extreme southwestern Panhandle and the northwestern South Plains during the evening hours of the 22nd. At least two of these storms produced large hail and severe wind gusts.

PARMER COUNTY --- 1.0 SW BOVINA [34.51, -102.91], BOVINA [34.52, -102.90]

06/23/08 18:05 CST	5K	Thunderstorm Wind (EG 56 kt)
06/23/08 18:10 CST	0	Source: Law Enforcement

Reports from the Bovina Police Department described a blinding wall of dust that accompanied approaching outflow winds as severe storms moved out of New Mexico and impacted Bovina shortly after 18:00 CST on the 23rd. The Police Chief estimated wind gusts around 65 mph along U.S. Highway 60 just southwest of the city shortly at 18:05 CST. By 18:10 CST law enforcement officials reported that a roof had been blown off of a tin storage shed in Bovina.

COCHRAN COUNTY --- MORTON [33.72, -102.77]

06/23/08 19:30 CST	10K	Thunderstorm Wind (EG 43 kt)
06/23/08 20:30 CST	0	Source: Newspaper

A local newspaper reported that a tin roof was partially blown off of a home in Morton. The damage occurred as a linear complex of thunderstorms moved through the area. A Texas Tech University West Texas Mesonet site just one mile away recorded a peak gust of 34 mph, and no other wind damage was reported in Morton or the surrounding areas of Cochran County. Therefore, it is estimated the damage likely resulted from winds around 50 mph.

LAMB COUNTY --- SPADE [33.92, -102.15], 6.0 S SPADE [33.83, -102.15]

06/23/08 20:20 CST	0	Thunderstorm Wind (EG 52 kt)
06/23/08 20:31 CST	0	Source: NWS Storm Survey

Damaging thunderstorm winds downed a number of large tree limbs in Spade around 20:20 CST. The public estimated wind gusts in excess of 60 mph south of Spade at 20:31.

HOCKLEY COUNTY --- 1.0 NW ANTON [33.83, -102.18], 4.0 W SMYER [33.58, -102.24]

06/23/08 20:31 CST	20K	Thunderstorm Wind (EG 64 kt)
06/23/08 21:15 CST	0	Source: Mesonet

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A swath of damaging winds accompanied thunderstorms over northeastern Hockley County between roughly 20:30 CST and 21:15 CST. Initial reports from the public estimated wind gusts up to 60 mph just northwest of Anton. A Texas Tech University West Texas Mesonet site south of the city recorded a peak gust of 74 mph at 20:45 CST. The ten minute average wind speed measured by the automated site between 20:45 CST and 20:55 CST was 50 mph. The Texas Department of Transportation reported that many road signs along U.S. Highway 84 in the Anton vicinity were blown down. Additional damage occurred around 21:15 CST, when a roof was blown off a barn near Texas Highway 114 west of Smyer as the thunderstorm complex continued propagating southeastward.</p>				
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LUBBOCK COUNTY --- 3.0 NW SHALLOWATER [33.71, -102.02]				
	06/23/08 20:52 CST		0	Thunderstorm Wind (MG 55 kt)
	06/23/08 20:52 CST		0	Source: CoCoRaHS
<p>A National Weather Service CoCoRaHS observer recorded a severe thunderstorm wind gust of 62 mph with his Davis Instruments home weather station. No damage was reported.</p>				
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HOCKLEY COUNTY --- ANTON [33.82, -102.17]				
	06/23/08 21:30 CST		0.10M	Lightning
	06/23/08 21:30 CST		0	Source: Newspaper
<p>Around 21:30 CST, lightning struck a home near Anton and sparked a fire in the structure's attic. Within minutes the fire spread and despite the efforts of local firefighters, the home was destroyed. A family inside the home was able to escape without injury.</p>				
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GARZA COUNTY --- 5.0 SSW GRAHAM CHAPEL [33.08, -101.50]				
	06/23/08 23:00 CST		0	Thunderstorm Wind (MG 57 kt)
	06/23/08 23:00 CST		0	Source: Mesonet
<p>A brief and localized severe thunderstorm wind gust of 66 mph was measured by the Texas Tech University West Texas Mesonet site near Graham as thunderstorms approached from the northwest. Terrain along the edge of the Caprock Escarpment is known to locally enhance northwesterly winds at this site.</p> <p>A thunderstorm complex which originated over the plains of eastern New Mexico propagated southeastward over the northwestern South Plains of west Texas during the evening hours of the 23rd. These storms were accompanied by damaging winds and blowing dust that damaged lightweight structures, trees, and blew down road signs along a U.S. Highway. The most significant damage occurred near Anton (Hockley County), where a wind gust of 74 mph was recorded by the Texas Tech University West Texas Mesonet.</p>				
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HOCKLEY COUNTY --- SUNDOWN [33.45, -102.50], 4.0 S LEVELLAND [33.52, -102.37]				
	06/07/08 20:37 CST		0	Thunderstorm Wind (MG 50 kt)
	06/07/08 20:50 CST		0	Source: Mesonet
<p>A small complex of thunderstorms produced a swath of severe winds over portions of Hockley County during the evening hours of the 7th. At 20:37 CST the public estimated gusts up to 60 mph at Sundown. This estimate was consistent with measurements from a nearby Texas Tech University West Texas Mesonet site which recorded gusts of 57 mph. By 20:50 CST, gusts of 58 mph were additionally recorded by a Texas Tech University West Texas Mesonet site just south of Levelland. Media reports suggested that utility outages near the community of Pettit were related to the wind's, but no specific reports of damage were received.</p>				
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(TX-Z028) LAMB, (TX-Z029) HALE, (TX-Z034) HOCKLEY				
	06/07/08 21:15 CST		20K	High Wind (MAX 50 kt)
	06/07/08 22:45 CST		0	
<p>A small complex of thunderstorms moved eastward from the plains of New Mexico towards the western South Plains during the evening of the 7th. These storms produced a swath of severe winds over Hockley County.</p> <p>As the severe convection began to weaken, intense gradient winds developed beneath the mid and upper level convective debris clouds. This resulted in a swath of high winds over portions of northeastern Hockley, Lamb and Hale Counties. Gusts up to 58 mph were recorded within the belt of highest winds. The winds destroyed at least one irrigation pivot north of Abernathy (Hale County) around 22:15 CST.</p>				
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BAILEY COUNTY --- 1.0 S ENOCHS [33.86, -102.77], 2.0 S ENOCHS [33.84, -102.77]				
	06/25/08 20:40 CST		0	Hail (0.75 in)
	06/25/08 20:45 CST		0.10M	Source: Public
<p>Local cotton gin operators reported that several hundred acres of young cotton plants were damaged by large hail south of Enochs.</p>				
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HOCKLEY COUNTY --- 4.0 SSE PEP [33.77, -102.54]				

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	06/25/08 21:25 CST		0	Hail (0.75 in)
	06/25/08 21:35 CST		0.10M	Source: Public
<p>Agricultural officials reported that several hundred acres of small cotton plants were destroyed southeast of Pep near the intersection of Farm to Market Roads 303 and 597 around 21:30 CST.</p>				
<p>Severe thunderstorms again propagated east-southeastward from the plains of New Mexico over the northwestern South Plains of west Texas during the evening hours of the 25th. These storms intermittently produced large hail. The hail, at times combined with winds estimated near 40 mph, was sufficient to severely damage sensitive young cotton crops. Agricultural damages were estimated at \$200,000.</p>				
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PARMER COUNTY --- 2.0 SW BOVINA [34.50, -102.92]				
	06/24/08 18:35 CST		0	Thunderstorm Wind (EG 52 kt)
	06/24/08 18:35 CST		0	Source: Law Enforcement
<p>The Bovina Police Department estimated severe thunderstorm gusts in excess of 60 mph and reduced visibilities in blowing dust along U.S. Highway 60 south of the city. No damage was reported.</p>				
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YOAKUM COUNTY --- 7.0 E DENVER CITY [32.97, -102.73]				
	06/24/08 18:40 CST		0	Hail (0.88 in)
	06/24/08 18:40 CST		0	Source: Law Enforcement
<p>Yoakum County law enforcement officials reported nickel size hail east of Denver City.</p>				
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TERRY COUNTY --- 4.0 W BROWNFIELD [33.18, -102.35], 1.0 W BROWNFIELD [33.18, -102.30]				
	06/24/08 19:25 CST		15K	Thunderstorm Wind (EG 52 kt)
	06/24/08 19:30 CST		0	Source: Emergency Manager
<p>Emergency management officials reported that damaging thunderstorm winds blew down several utility poles along U.S. Highway 380 west of Brownfield.</p>				
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TERRY COUNTY --- BROWNFIELD [33.18, -102.28], 5.0 E BROWNFIELD [33.18, -102.19]				
	06/24/08 19:29 CST		0	Hail (1.00 in)
	06/24/08 19:45 CST		0	Source: Emergency Manager
<p>The Terry County Emergency Manager relayed reports of dime to quarter size hail in Brownfield at 19:29 CST. The parent severe thunderstorm continued to produce large hail along a swath east of Brownfield to near the Terry County Airport, where nickel size hail was reported at 19:45 CST.</p>				
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LAMB COUNTY --- SUDAN [34.07, -102.53]				
	06/24/08 20:10 CST		0	Thunderstorm Wind (EG 52 kt)
	06/24/08 20:10 CST		0	Source: Public
<p>The public estimated severe thunderstorm wind gusts in excess of 60 mph in Sudan. No damage was reported.</p>				
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FLOYD COUNTY --- 2.0 NNE FLOYDADA [34.01, -101.32]				
	06/24/08 21:20 CST		0	Thunderstorm Wind (MG 52 kt)
	06/24/08 21:20 CST		0	Source: Mesonet
<p>A brief severe thunderstorm wind gust of 60 mph was recorded by the Texas Tech University West Texas Mesonet just northeast of Floydada as dissipating convection approached the area from the west. No damage was reported.</p>				
<p>Severe thunderstorms which originated in the plains of eastern New Mexico propagated eastward into the South Plains of west Texas during the evening hours of the 24th. These storms produced large hail up to the size of quarters and damaging thunderstorm winds. The most significant impact from the storms occurred in the Brownfield vicinity (Terry County), where a number of utility poles were destroyed by thunderstorm winds accompanied by dime to quarter size hail.</p>				
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COTTLE COUNTY --- PADUCAH [34.02, -100.30]				
	06/28/08 13:30 CST		0	Hail (1.00 in)
	06/28/08 13:45 CST		0	Source: Fire Department/Rescue
<p>The Paducah Fire Department reported that dime to quarter size hail fell between 13:30 and 13:45 CST.</p>				
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KING COUNTY --- 10.0 WSW GUTHRIE [33.56, -100.49]				
	06/28/08 15:15 CST		0	Thunderstorm Wind (MG 50 kt)
	06/28/08 15:15 CST		0	Source: Mesonet

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The Texas Tech University West Texas Mesonet measured a severe thunderstorm wind gust of 58 mph southwest of Guthrie. No damage was reported.				
DICKENS COUNTY --- 6.0 E DICKENS [33.62, -100.73]				
	06/28/08 15:40 CST		0	Hail (0.75 in)
	06/28/08 15:40 CST		0	Source: Law Enforcement
Dickens County law enforcement officials reported penny size hail along U.S. Highway 62/82 east of Dickens.				
TERRY COUNTY --- 3.3 NNE MEADOW [33.37, -102.18], 2.6 NNE MEADOW [33.37, -102.18]				
	06/28/08 15:55 CST		0	Tornado (EF0, L: 0.60 mi , W: 50 yd)
	06/28/08 16:05 CST		0	Source: Broadcast Media
The broadcast media relayed photographs of a non-mesocyclonic tornado near U.S. Highway 62/82 north of Meadow. The tornado reportedly remained in open country just south of the Hockley and Terry County line for approximately ten minutes.				
Scattered thunderstorms developed over the west Texas Rolling Plains during the afternoon hours on the 28th, and produced large hail up to the size of quarters and severe thunderstorm wind gusts up to 58 mph over Cottle and King Counties. These storms, which originated along a weak low-level frontal boundary, evolved into a broken complex of multicell storms that propagated southwestward over the central South Plains. Newly developing storms along the boundary over northern Terry County provided sufficient updraft stretching to develop a weak non-mesocyclonic tornado near Meadow. No damage was reported to be associated with any of the severe weather over the South Plains region on the 28th.				
HALL COUNTY --- 8.0 SSW LAKEVIEW [34.56, -100.75]				
	06/14/08 17:50 CST		0	Thunderstorm Wind (EG 61 kt)
	06/14/08 18:00 CST		0	Source: Public
A rancher located in rural portions of central Hall County reported severe thunderstorm wind gusts that were intermittently accompanied by large hail around 18:00 CST on the 14th. The winds, estimated to be near 70 mph, broke numerous large tree limbs.				
HALL COUNTY --- 8.0 SSW LAKEVIEW [34.56, -100.75]				
	06/14/08 18:00 CST		0	Hail (1.50 in)
	06/14/08 18:00 CST		0	Source: Public
A rancher in rural areas of central Hall County reported large hail accompanied by damaging thunderstorm winds around 18:00 CST on the 14th. The hail, up to the size of ping pong balls, and winds combined to "shred" trees, with many large tree limbs downed.				
CROSBY COUNTY --- 1.0 SE RALLS [33.67, -101.37]				
	06/14/08 19:25 CST		0	Thunderstorm Wind (MG 63 kt)
	06/14/08 19:25 CST		0	Source: Mesonet
A thunderstorm wind gust of 72 mph was measured by the Texas Tech University West Texas Mesonet near Ralls. No damage was reported.				
KING COUNTY --- 10.0 WSW GUTHRIE [33.56, -100.49]				
	06/14/08 20:15 CST		0	Thunderstorm Wind (MG 50 kt)
	06/14/08 20:15 CST		0	Source: Mesonet
The Texas Tech University West Texas Mesonet site southwest of Guthrie recorded a severe thunderstorm wind gust of 58 mph. No damage was reported.				
Scattered thunderstorms impacted the South Plains and Rolling Plains regions of west Texas during the late afternoon and evening hours of the 14th. Several of these storms produced severe wind gusts and large hail up to the size of ping pong balls. Despite gusts that reached speeds of 72 mph per the Texas Tech University West Texas Mesonet, reported damages were limited to broken tree limbs.				
MOTLEY COUNTY --- 2.0 E FLOMOT [34.22, -100.94]				
	06/16/08 17:55 CST		0	Hail (1.00 in)
	06/16/08 17:55 CST		0	Source: Public
The public reported quarter size hail just east of Flomot at the intersection of Farm to Market Roads 97 and 2009.				
BRISCOE COUNTY --- QUITAQUE [34.37, -101.05], 4.0 E QUITAQUE [34.37, -100.98]				
	06/16/08 18:20 CST		0	Hail (1.75 in)
	06/16/08 18:25 CST		0	Source: Public

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Multiple reports of quarter to golf ball size hail were received from Quitaque and areas near the Valley ISD campus along Texas Highway 86 east of Quitaque. No damage was reported.				
MOTLEY COUNTY --- 2.0 E FLOMOT [34.22, -100.94]				
	06/16/08 18:50 CST		0	Hail (1.00 in)
	06/16/08 18:50 CST		0	Source: Public
A second severe storm impacted the Flomot vicinity, and quarter size hail fell at the intersection of Farm to Market Roads 97 and 2007 twice in a one hour period. No damage was reported.				
MOTLEY COUNTY --- 5.0 WSW MATADOR [33.99, -100.90], 2.0 WSW MATADOR [34.01, -100.85]				
	06/16/08 18:50 CST		0	Hail (0.88 in)
	06/16/08 18:50 CST		0	Source: Fire Department/Rescue
The Matador Fire Department reported dime to nickel size hail along a swath of U.S. Highway 62/70 southwest of Matador.				
MOTLEY COUNTY --- 8.5 SE FLOMOT [34.13, -100.87]				
	06/16/08 19:30 CST		0	Thunderstorm Wind (EG 56 kt)
	06/16/08 19:30 CST		0	Source: Newspaper
Local newspapers reported that utility poles were downed by thunderstorm winds near the Whiteflat community, along Texas Highway 70 north of Matador. Power outages impacted the surrounding area until 03:00 CST on the 17th.				
MOTLEY COUNTY --- MATADOR [34.02, -100.82]				
	06/16/08 19:40 CST		0	Hail (1.00 in)
	06/16/08 19:45 CST		0	Source: Fire Department/Rescue
The Matador Fire Department reported that hail up the size of quarters covered the ground in Matador. No damage was reported.				
DICKENS COUNTY --- 4.0 E AFTON [33.75, -100.73], 1.0 W SPUR [33.48, -100.87]				
	06/16/08 19:43 CST		60K	Thunderstorm Wind (MG 52 kt)
	06/16/08 21:35 CST		0	Source: Mesonet
An intermittent swath of damaging winds, at times combined with large hail, accompanied a complex of thunderstorms from near Afton to Spur. A barn was destroyed near Patton Springs School east of Afton, where the public estimated gusts up to 60 mph at 19:43 CST. Downed utility lines resulted in electrical outages near that community.				
The Texas Tech University West Texas Mesonet additionally recorded a 60 mph thunderstorm wind gust at 20:35 CST near Spur. Minor damage was reported at the Spur Fire Station where a power line was blown down and several antennas were damaged. In addition, some shingles were reportedly blown off of homes in Spur. No injuries were reported.				
DICKENS COUNTY --- AFTON [33.75, -100.80]				
	06/16/08 20:00 CST		0	Hail (0.88 in)
	06/16/08 20:00 CST		0	Source: Fire Department/Rescue
Local fire department officials reported wind-blown nickel size hail in Afton. No damages were reported.				
KENT COUNTY --- JAYTON [33.25, -100.58]				
	06/16/08 21:16 CST		30K	Thunderstorm Wind (EG 56 kt)
	06/16/08 21:16 CST		0	Source: COOP Observer
A National Weather Service cooperative observer and local fire department officials reported that severe thunderstorm winds caused roof damage to at least two light weight structures in Jayton around 21:15 CST on the 16th. Tin that was blown off of one roof was reportedly wrapped around a tree. No injuries were reported.				
STONEWALL COUNTY --- 1.0 S ASPERMONT [33.14, -100.23], 3.0 NE ASPERMONT [33.18, -100.19]				
	06/16/08 21:35 CST		0.25M	Thunderstorm Wind (EG 70 kt)
	06/16/08 21:45 CST		0	Source: Mesonet

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<p>A severe thunderstorm produced damaging winds in the Aspermont vicinity shortly after 21:30 CST on the 16th. This was the second storm to cause damage in and around Aspermont in as many weeks, following a previously damaging storm which struck on the 5th.</p> <p>The Texas Tech University West Texas Mesonet site just northeast of the city recorded gusts of 63 mph and 66 mph between 21:35 CST and 21:45 CST. Reports from local newspapers and the Aspermont Fire Department indicated that several structures, including at least one home, received significant roof damage. Several additional light weight structures were destroyed, and damage to utility poles and trees was widespread. The magnitude of structural damage within the city suggest that winds may have approached 80 mph. No injuries were reported.</p> <p>An active round of severe thunderstorms produced hail up to the size of golf balls and damaging winds to areas of the west Texas Rolling Plains during the late afternoon and evening hours of the 16th. Thunderstorms tracked southeastward from the Caprock Canyons area of the extreme southeastern panhandle, to the southern Rolling Plains. A number of storms resulted in hail.</p> <p>The most significant damage occurred in the Aspermont vicinity (Stonewall County). For the second time in just two weeks, severe thunderstorms resulted in significant wind damage in that community. A number of homes and structures were severely damaged. Although damages were estimated near \$250,000 in Aspermont, no injuries were reported.</p>				
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(TX-Z021) PARMER, (TX-Z022) CASTRO, (TX-Z023) SWISHER, (TX-Z024) BRISCOE, (TX-Z025) HALL, (TX-Z026) CHILDRESS, (TX-Z027) BAILEY, (TX-Z028) LAMB, (TX-Z029) HALE, (TX-Z030) FLOYD, (TX-Z031) MOTLEY, (TX-Z032) COTTLE, (TX-Z034) HOCKLEY, (TX-Z035) LUBBOCK, (TX-Z036) CROSBY, (TX-Z037) DICKENS, (TX-Z038) KING, (TX-Z042) GARZA, (TX-Z043) KENT, (TX-Z044) STONEWALL				
	06/01/08 00:00 CST		50K	Heat
	06/20/08 00:00 CST		0.50M	
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(TX-Z033) COCHRAN, (TX-Z039) YOAKUM, (TX-Z040) TERRY, (TX-Z041) LYNN				
	06/01/08 00:00 CST		0	Drought
	06/20/08 00:00 CST		0.35M	
<p>Abnormally hot and dry weather prevailed over the west Texas South Plains region during the first half of June. The month started with a span of six consecutive days that saw 100 degree temperatures across the area, and fourteen of the month's first sixteen days brought triple digit heat. Daytime temperature maxima reached record values at Childress and Lubbock on five occasions, including a 110 degree record set on the 3rd at Childress. Breezy winds accompanied the unseasonably warm weather, which was some fifteen to twenty degrees above climatological averages. In fact, winds were 5 mph higher than climate averages for the same period.</p> <p>Blowing dust lofted by the wind combined with heat to cause extensive and widespread damages to young cotton crops across the South Plains. Local newspapers and agricultural officials described the cotton as "scorched", and reported that many dryland crops were "wiped out". Lubbock city and Texas Department of Transportation officials even blamed damage to a city street on black top expansion from excessive heat. No heat related injuries or fatalities were reported.</p> <p>By mid-month, portions of the southwestern South Plains, including: Cochran, Lynn, Terry, and Yoakum Counties, experienced severe (D2) drought conditions per the U.S. Drought Monitor. The magnitude of drought related impacts quickly subsided by the end of June, however, as a prolonged period of widespread convective rainfalls began to impact the region.</p>				
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SWISHER COUNTY --- 10.0 E KRESS [34.37, -101.57]				
	06/08/08 17:42 CST		0	Hail (1.75 in)
	06/08/08 17:43 CST		0	Source: Broadcast Media
<p>Reports of large hail that ranged in size from half dollars to golf balls were relayed by the broadcast media. The hail reportedly fell north of the Claytonville community, near the intersection of Farm to Market Road 2301 and Texas Highway 86. No damage was reported.</p>				
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BRISCOE COUNTY --- 9.0 WNW SILVERTON [34.52, -101.45]				
	06/08/08 18:08 CST		0	Hail (0.88 in)
	06/08/08 18:08 CST		0	Source: Public
<p>Nickel size hail was reported at MacKenzie Reservoir. The hail was reportedly accompanied by strong wind gusts, but no wind speed estimate was reported.</p>				
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BRISCOE COUNTY --- 9.0 WNW SILVERTON [34.52, -101.45]				
	06/08/08 18:30 CST		0	Hail (1.00 in)
	06/08/08 18:30 CST		0	Source: Public
<p>A second severe storm developed and impacted the MacKenzie Reservoir, less than half an hour after a severe storm brought nickel size hail and strong winds. The second storm produced quarter size hail at a local marina, as reported by the public.</p>				
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LAMB COUNTY --- AMHERST [34.02, -102.42]				

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/08/08 18:36 CST		0	Hail (0.75 in)
	06/08/08 18:36 CST		0	Source: Public

The public reported penny size hail in Amherst.

BRISCOE COUNTY --- 19.0 N QUITAQUE [34.65, -101.05]

	06/08/08 20:00 CST		0	Hail (1.25 in)
	06/08/08 20:00 CST		0	Source: Public

Half dollar size hail was reported by the public near Farm to Market Road 256 in northeastern Briscoe County.

BRISCOE COUNTY --- 14.0 NNE QUITAQUE [34.56, -100.96]

	06/08/08 20:14 CST		10K	Hail (2.75 in)
	06/08/08 20:14 CST		0	Source: Storm Chaser

A local broadcast media storm chaser encountered baseball size hail near the intersection of Texas Highway 70 and Farm to Market Road 256 just before 20:15 CST. The storm chaser additionally observed a "finger-shaped" funnel cloud which developed within a pronounced wall cloud south of that intersection, but observations of the funnel were reportedly limited due to vehicle damages sustained by the ongoing hail.

BRISCOE COUNTY --- 11.0 NNE QUITAQUE [34.52, -100.98]

	06/08/08 20:15 CST		0	Tornado (EF0, L: 0.17 mi , W: 50 yd)
	06/08/08 20:15 CST		0	Source: Fire Department/Rescue

The Turkey Fire Department observed a brief tornado near the Briscoe and Hall County line. The tornado remained in open country west of Texas Highway 70, and south of Farm to Market Road 256. No damage was reported.

TERRY COUNTY --- 1.0 W BROWNFIELD [33.18, -102.30]

	06/08/08 20:17 CST		0	Hail (1.25 in)
	06/08/08 20:17 CST		0	Source: Emergency Manager

Local emergency management officials reported half dollar size hail at the intersection of U.S. Highway 385 and Farm to Market Road 403 near Brownfield.

HALL COUNTY --- 18.0 WNW ESTELLINE [34.65, -100.72]

	06/08/08 20:48 CST		25K	Hail (2.75 in)
	06/08/08 20:48 CST		0	Source: Public

Baseball size hail caused roof and automobile damage at a ranch in central Hall County.

SWISHER COUNTY --- HAPPY [34.73, -101.85]

	06/08/08 21:00 CST		0	Hail (1.25 in)
	06/08/08 21:00 CST		0	Source: Trained Spotter

A trained storm spotter reported half dollar size hail that was accompanied by strong thunderstorm wind gusts. No damages, however, were reported and a broadcast media schoolnet weather station in Happy did not record severe gusts.

Isolated to scattered severe thunderstorms developed over the west Texas South Plains during the afternoon and evening hours of the 8th. The most significant severe weather occurred in association with a supercell thunderstorm that tracked over portions of Briscoe and Hall Counties. Giant baseball size hail and at least one brief tornado accompanied the storm. Elsewhere, storms produced large hail up to the size of golf balls over the northern and western South Plains.

HALL COUNTY --- 4.0 ESE MEMPHIS [34.70, -100.46]

	06/15/08 18:26 CST		0	Hail (0.88 in)
	06/15/08 18:26 CST		0	Source: Law Enforcement

Local law enforcement officials reported nickel size hail just east of Memphis.

CHILDRESS COUNTY --- 2.3 ENE CHILDRESS [34.43, -100.16], 2.2 W CHILDRESS [34.42, -100.24]

	06/15/08 19:33 CST		16M	Thunderstorm Wind (MG 70 kt)
	06/15/08 20:00 CST	6	1M	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
An extreme convective wind event combined with large hail resulted in widespread and significant damage in the Childress vicinity during the evening hours of Father's Day the 15th.				
The Texas Tech University West Texas Mesonet site northeast of the city initially recorded a 58 mph wind gust at 19:33 CST. By 19:35 CST winds at the mesonet site had increased to 80 mph. Witnesses described that rain from the storm, which had approached from the northwest, had come to an ended and that the storm appeared to have passed without incident. A rapid onset of damaging winds and hail, however, then struck from the east.				
A National Weather Service disaster assessment found eye witness descriptions to be consistent with the resultant damage patterns and photographic evidence, which conclusively indicated that a series of wet microbursts impacted the surface east-northeast of Childress. Extreme outflow winds, estimated to approach 100 mph, spread westward across the city as they diverged from the epicenter of the downbursts. In addition to photo and video evidence of multiple microburst occurrences, the cyclic nature of the downbursts was measured by the Texas Tech University West Texas Mesonet, which recorded a secondary 80 mph peak in wind gusts at 19:50 CST.				
Local and state officials determined that 1,821 homes and more than 200 businesses were impacted by the storm. Damages to 247 homes were deemed "major" with six homes totally destroyed. Four rooms in a local motel collapsed, and more than half a million dollars in damages were inflicted upon a local hospital. Medical patients from both the hospital and a nearby nursing home were evacuated to neighboring communities. Up to sixty utility poles and a number of signs were additionally destroyed.				
Six persons were injured by flying debris during the storm. Those injured included a small child that was struck in the head by debris, and a woman that was hit by a screen door which became air-borne.				
The American Red Cross reportedly provided food and shelter for approximately 500 Childress residents following the storm.				

CHILDRESS COUNTY --- 1.6 NNE CHILDRESS [34.44, -100.19]

06/15/08 19:40 CST	1M	Hail (1.75 in)
06/15/08 19:55 CST	2M	Source: Law Enforcement

Up to golf ball size hail combined with extreme downburst winds to result in widespread damage across the city of Childress and a number of surrounding agricultural fields. Wind-driven hail destroyed approximately ninety percent of the east-facing windows in the city of nearly 7,000 residents. Vinyl exterior siding was shredded on a number of structures. In addition, a few hundred vehicles sustained damage and grain sorghum crops suffered extensive damage.

An isolated supercell thunderstorm developed over the eastern Texas Panhandle during the late afternoon hours of the 15th. This storm propagated southeastward during the evening hours, and impacted portions of Hall and Childress Counties. The storm produced at least two wet microbursts near Childress. The downburst winds, estimated to approach 100 mph in the city, combined with large hail caused widespread and significant damage and resulted in 6 injuries. Virtually every structure in the city sustained damage, including more than 1,800 homes and 200 businesses. Economic losses totaled \$20 million.

PARMER COUNTY --- FRIONA [34.63, -102.73]

06/17/08 18:15 CST	0	Hail (1.75 in)
06/17/08 18:20 CST	0	Source: Law Enforcement

Local law enforcement officials reported that golf ball size hail, occasionally accompanied by larger hail stones, fell steady over Friona for at least five minutes during the early evening of the 17th. This as a supercell thunderstorm impacted portions of northeastern Parmer County.

PARMER COUNTY --- FRIONA [34.63, -102.73]

06/17/08 18:17 CST	0.50M	Hail (2.75 in)
06/17/08 18:17 CST	0	Source: Law Enforcement

Local law enforcement officials reported that golf ball size hail was occasionally mixed with stones up to the size of baseballs in Friona. The very large hail caused widespread damage across the city, with a number of vehicles and structures sustaining hail damage. The hail punctured a portion of the town's elementary school, and subsequently contributed to flooding several class rooms. No injuries were reported.

PARMER COUNTY --- 6.0 W FRIONA [34.63, -102.84], 10.0 E FARWELL [34.38, -102.85]

06/17/08 19:00 CST	0	Hail (1.00 in)
06/17/08 19:43 CST	0	Source: Law Enforcement

Multiple reports indicated that a second supercell thunderstorm produced a swath of large hail, occasionally very large, over western Parmer County during the 19:00 CST hour. Initial reports relayed by the broadcast media indicated that quarter size hail occurred west of Friona at 19:00 CST. The storm and its associated hail swath continued southward, with additional reports received from areas east of Farwell at 19:43 CST.

LAMB COUNTY --- 16.0 W EARTH [34.23, -102.68]

06/17/08 19:26 CST	25K	Hail (4.50 in)
06/17/08 19:26 CST	0	Source: Law Enforcement

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>Law enforcement officials reported giant softball size hail near U.S. Highway 70 west of Earth, just east of the Bailey and Lamb County line. The hail damaged several vehicles and a few rural residences.</p>				
LAMB COUNTY --- 16.0 W EARTH [34.23, -102.68], 6.0 W EARTH [34.23, -102.50]				
	06/17/08 19:26 CST		0	Hail (1.75 in)
	06/17/08 19:28 CST		0	Source: Law Enforcement
<p>Local fire department and law enforcement officials reported that golf ball size hail, and occasionally larger hail stones, accompanied a severe storm along U.S. Highway 70 in northwestern Lamb County.</p>				
PARMER COUNTY --- 10.0 E FARWELL [34.38, -102.85]				
	06/17/08 19:43 CST		0	Hail (2.75 in)
	06/17/08 19:43 CST		0.50M	Source: Broadcast Media
<p>The broadcast media relayed reports of giant baseball size hail ten miles east of Farwell along Farm to Market Road 145. Agricultural officials reported that cotton, wheat, and corn crops were severely damaged across portions of western and central Parmer County.</p>				
BAILEY COUNTY --- 2.0 SSW MULESHOE [34.19, -102.74]				
	06/17/08 19:55 CST		0	Thunderstorm Wind (MG 50 kt)
	06/17/08 19:55 CST		0	Source: Mesonet
<p>The Texas Tech University West Texas Mesonet recorded a severe thunderstorm wind gust of 58 mph just south of Muleshoe. These winds are believed to have been associated with the rear flank downdraft of an intense supercell thunderstorm which went on to produce giant sized damaging hail in the city.</p>				
BAILEY COUNTY --- MULESHOE [34.22, -102.73]				
	06/17/08 20:00 CST		0.50M	Hail (4.50 in)
	06/17/08 20:00 CST		0	Source: Emergency Manager
<p>Emergency management officials reported that giant hail stones that ranged in size from baseballs to softballs resulted in significant damages throughout the city of Muleshoe around 20:00 CST. Numerous windshields were knocked out of vehicles and many structures sustained heavy roof and window damage. Hail even punctured the interior walls of one mobile home. No injuries were reported.</p>				
CASTRO COUNTY --- 2.0 NE DIMMITT [34.57, -102.30]				
	06/17/08 20:20 CST		0	Thunderstorm Wind (MG 50 kt)
	06/17/08 20:20 CST		0	Source: Mesonet
<p>The Texas Tech University West Texas Mesonet site near Dimmitt recorded a severe thunderstorm wind gust of 58 mph at 20:20 CST. No damage was reported.</p>				
COCHRAN COUNTY --- 10.0 WSW MORTON [33.66, -102.93]				
	06/17/08 20:45 CST		0	Hail (2.75 in)
	06/17/08 20:45 CST		0.15M	Source: Law Enforcement
<p>Baseball size hail was reported in the vicinity of the Southwest Gin around 20:45 CST. The giant hail resulted in damage to a number of cotton crops.</p>				
COCHRAN COUNTY --- 10.0 WSW MORTON [33.66, -102.93], MORTON [33.72, -102.77]				
	06/17/08 20:45 CST		50K	Hail (1.75 in)
	06/17/08 20:55 CST		0	Source: Law Enforcement
<p>Multiple reports of large hail were received from the Morton vicinity shortly before 21:00 CST on the 17th. Very large hail was initially reported near the Southwest Gin south of Farm to Market Road 114 west of Morton at 20:45 CST. By 20:55 CST golf ball size hail reportedly fell in Morton. Minor damages were reported to vehicles and structures.</p>				
KENT COUNTY --- GIRARD [33.35, -100.67]				
	06/17/08 21:02 CST		0	Hail (1.75 in)
	06/17/08 21:02 CST		0	Source: Law Enforcement
<p>Law enforcement officials reported golf ball size hail in Girard. No significant damage was reported.</p>				
COCHRAN COUNTY --- 1.0 ENE MORTON [33.73, -102.75]				
	06/17/08 21:45 CST		0	Thunderstorm Wind (MG 53 kt)
	06/17/08 21:45 CST		0	Source: Mesonet

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>The Texas Tech University West Texas Mesonet sire near Morton recorded a severe thunderstorm wind gust of 61 mph at 20:45 CST. No damage was reported.</p>				
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YOAKUM COUNTY --- PLAINS [33.18, -102.83], 10.0 E PLAINS [33.18, -102.66]				
	06/17/08 21:59 CST		0.25M	Hail (3.50 in)
	06/17/08 21:59 CST		1.60M	Source: Law Enforcement
<p>The Yoakum County Sheriff's Office reported that baseball size hail "smashed out" many automobile windshields and punctured holes in the roofs of several mobile homes. Two Sheriff's Office cruisers sustained "significant" damage. Area gins and cotton farmers reported that more than 25,000 acres of cotton were destroyed east of Plains. No injuries were reported.</p>				
<p>A violent round of supercell thunderstorms produced giant hail over the western South Plains of west Texas during the evening hours of the 17th. The storms caused extensive damage in a number of South Plains communities including: Friona (Parmer County), Muleshoe (Bailey County), and Plains (Yoakum County). In addition, area agricultural crops sustained heavy damage that resulted in severe economic losses.</p>				
<p>Total damages sustained across the South Plains region of west Texas on the 17th were estimated to exceed \$3.5 million.</p>				
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YOAKUM COUNTY --- 11.5 E PLAINS [33.18, -102.63]				
	06/29/08 13:00 CST		0	Tornado (EF0, L: 0.10 mi , W: 25 yd)
	06/29/08 13:00 CST		0	Source: Broadcast Media
<p>A local television station broadcasted a viewer's photograph which showed a brief and small non-mesocyclonic tornado that occurred east of Plains. A number of witnesses reportedly observed the tornado in open fields near U.S. Highway 82/380. No damage was reported.</p>				
<p>Scattered thunderstorms developed over the South Plains region during the afternoon hours of the 29th. These storms developed along a stationary surface boundary. At least one brief and weak non-mesocyclonic tornado was observed as convection developed in the vicinity of the boundary. No severe wind or hail reports were received, but the storms additionally produced copious rainfall.</p>				
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HALL COUNTY --- ESTELLINE [34.55, -100.43]				
	06/19/08 15:21 CST		0	Hail (1.00 in)
	06/19/08 15:21 CST		0	Source: Law Enforcement
<p>Local law enforcement officials reported quarter size hail in Estelline.</p>				
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CHILDRESS COUNTY --- 3.0 S TELL [34.33, -100.38]				
	06/19/08 16:09 CST		0	Hail (0.88 in)
	06/19/08 16:09 CST		0	Source: COOP Observer
<p>A National Weather Service cooperative observer reported nickel size hail just south of Tell.</p>				
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COTTLE COUNTY --- 15.0 NNE PADUCAH [34.22, -100.20]				
	06/19/08 16:28 CST		0	Tornado (EF0, L: 0.01 mi , W: 50 yd)
	06/19/08 16:28 CST		0	Source: Fire Department/Rescue
<p>The Paducah Fire Department observed a brief tornado which developed approximately three miles north of County Road 314, east of U.S. Highway 62/83 north of Paducah. The tornado, associated with a supercell thunderstorm which developed along a pre-existing outflow boundary, remained in open country and resulted in no damage.</p>				
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BRISCOE COUNTY --- 2.0 S SILVERTON [34.44, -101.30]				
	06/19/08 17:26 CST		0	Hail (1.75 in)
	06/19/08 17:26 CST		0	Source: Law Enforcement
<p>Briscoe County law enforcement officials reported golf ball size hail along Texas Highway 207 just south of Silverton. No damage was reported.</p>				
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COTTLE COUNTY --- 5.0 SSW PADUCAH [33.95, -100.33], 2.0 SE CHALK [33.86, -100.20]				
	06/19/08 17:26 CST		0	Hail (1.75 in)
	06/19/08 17:45 CST		1M	Source: Fire Department/Rescue
<p>The Paducah Fire Department reported golf ball size hail near the intersection of Farm to Market Road 2278 and U.S. Highway 83 south-southwest of Paducah. The hail, which was at times accompanied by damaging thunderstorm winds, destroyed a number of cotton crops over southeastern Cottle County.</p>				
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MOTLEY COUNTY --- 2.0 E FLOMOT [34.22, -100.94]				

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/19/08 17:30 CST		0	Hail (0.75 in)
	06/19/08 17:30 CST		0	Source: Public

Heavy rainfall was accompanied by a few penny size hail stones east of Flomot at 17:30 CST.

COTTLE COUNTY --- 5.0 S PADUCAH [33.95, -100.30]

06/19/08 17:33 CST	20K	Thunderstorm Wind (EG 56 kt)
06/19/08 17:33 CST	0	Source: Fire Department/Rescue

Thunderstorm winds, accompanied by large hail, downed power lines and utility poles south of Paducah.

FLOYD COUNTY --- LOCKNEY [34.12, -101.43], MC COY [33.87, -101.43]

06/19/08 17:50 CST	20K	Thunderstorm Wind (MG 54 kt)
06/19/08 18:10 CST	0	Source: Mesonet

Multiple reports of damaging thunderstorm winds were received over portions of western and central Floyd County around 18:00 CST. Initial Skywarn storm spotter estimated winds speeds between 60 and 70 mph were reported at Lockney between 17:50 CST and 17:55 CST. These winds downed power lines and poles and broke large tree branches. The Texas Tech University West Texas Mesonet site near Floydada recorded gusts of 62 mph and 61 mph at 17:55 CST and 18:00 CST respectively. Spotters additionally estimated wind gusts up to 60 mph at McCoy near the intersection of Farm to Market Roads 54 and 3111 at 18:10 CST. The winds were intermittently accompanied by large hail.

MOTLEY COUNTY --- 7.0 NE MATADOR [34.09, -100.73], MATADOR [34.02, -100.82]

06/19/08 18:10 CST	0	Hail (1.75 in)
06/19/08 18:15 CST	0	Source: Trained Spotter

Skywarn storm spotters reported a swath of large hail up to the size of golf balls from seven miles northeast of Matador to Matador. No damage was reported.

LAMB COUNTY --- 4.5 S OLTON [34.11, -102.13]

06/19/08 18:45 CST	0	Thunderstorm Wind (MG 50 kt)
06/19/08 18:45 CST	0	Source: Mesonet

The Texas Tech University West Texas Mesonet site near Olton recorded a severe thunderstorm wind gust of 58 mph at 18:45 CST. No damage was reported.

FLOYD COUNTY --- LOCKNEY [34.12, -101.43]

06/19/08 18:46 CST	0	Hail (0.75 in)
06/19/08 18:46 CST	0	Source: Public

The public reported that pea to penny size hail was accompanied by severe thunderstorm winds at Lockney.

CROSBY COUNTY --- 8.0 NNW KALGARY [33.51, -101.20]

06/19/08 18:50 CST	0	Thunderstorm Wind (MG 52 kt)
06/19/08 18:50 CST	0	Source: Mesonet

A Texas Tech University West Texas Mesonet site located northwest of White River Lake recorded a thunderstorm wind gust of 60 mph at 18:50 CST. No damage was reported.

DICKENS COUNTY --- MC ADOO [33.73, -100.98]

06/19/08 18:50 CST	0	Hail (0.88 in)
06/19/08 18:50 CST	0	Source: Public

The public reported that large hail up to the size of nickels was accompanied by 40 to 50 mph wind gusts at McAdoo around 18:50 CST.

HALE COUNTY --- 2.0 S HALFWAY [34.15, -101.95], 2.0 W HALE CENTER [34.07, -101.86]

06/19/08 19:00 CST	0	Hail (1.75 in)
06/19/08 19:05 CST	0	Source: Trained Spotter

Reports from both storm spotters and the public indicated a swath of large hail up to the size of golf balls from just south of Halfway to near Hale Center. No damage was reported.

KING COUNTY --- 10.0 WSW GUTHRIE [33.56, -100.49], GUTHRIE [33.62, -100.33]

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/19/08 19:05 CST		0	Thunderstorm Wind (MG 56 kt)
	06/19/08 19:22 CST		0	Source: Mesonet
<p>The Texas Tech University West Texas Mesonet site recorded a thunderstorm wind gust of 64 mph southwest of Guthrie at 19:05 CST. By 19:22 CST, the public estimated wind gusts up to 80 mph in Guthrie. Since no damage was reported the estimated wind speed appears too high.</p>				
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DICKENS COUNTY --- 1.0 W SPUR [33.48, -100.87], SPUR [33.48, -100.85]				
	06/19/08 19:10 CST		0	Thunderstorm Wind (MG 53 kt)
	06/19/08 19:15 CST		0	Source: Mesonet
<p>The Texas Tech University West Texas Mesonet recorded a thunderstorm wind gust of 61 mph just west of Spur at 19:10 CST. By 19:15 CST the Spur Fire Department reported estimated gusts between 60 and 70 mph in the city. No damage was reported.</p>				
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LUBBOCK COUNTY --- 3.0 N SHALLOWATER [33.72, -101.98], 5.0 SW IDALOU [33.62, -101.74]				
	06/19/08 19:31 CST		25K	Thunderstorm Wind (EG 56 kt)
	06/19/08 19:40 CST		0	Source: Law Enforcement
<p>Law enforcement and Skywarn storm spotters estimated thunderstorm wind gusts up to 65 mph and damage along a swath from north of Shallowater to southwest of Idalou in northern Lubbock County between 19:31 CST and 19:40 CST. Power poles and lines were downed in areas between Lubbock and Idalou along U.S. Highway 62/82. In addition, a metal roof was blown off of a structure just northeast of Lubbock.</p>				
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GARZA COUNTY --- 8.0 ENE JUSTICEBURG [33.07, -101.07]				
	06/19/08 19:45 CST		0	Thunderstorm Wind (EG 52 kt)
	06/19/08 19:45 CST		0	Source: Law Enforcement
<p>The Garza County Sheriff's Office estimated thunderstorm wind gusts up to 60 mph at Lake Alan Henry. No damages was reported.</p>				
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LUBBOCK COUNTY --- 4.0 NNE LUBBOCK [33.63, -101.82], 4.0 S LUBBOCK [33.52, -101.85]				
	06/19/08 19:50 CST		10K	Hail (1.50 in)
	06/19/08 20:12 CST		0	Source: Law Enforcement
<p>Severe thunderstorms impacting the Lubbock vicinity produced a broad swath of large hail between 19:50 CST and 20:12 CST. Numerous reports of hail that ranged in size from pennies to ping pong balls were received. Some of the large hail occurred along the South Loop near the intersection of Interstate 27/U.S. Highway 87. Only minor automobile damages were reported. Quarter size hail was additionally reported at Lubbock's Preston Smith International Airport and at Ransom Canyon.</p>				
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STONEWALL COUNTY --- ASPERMONT [33.15, -100.23], 3.0 NE ASPERMONT [33.18, -100.19]				
	06/19/08 19:50 CST		0	Thunderstorm Wind (MG 57 kt)
	06/19/08 20:20 CST		0	Source: Mesonet
<p>The Stonewall County Sheriff's Office estimated thunderstorm wind gusts of 65 mph at 19:50 CST in Aspermont. These estimates were confirmed when a Texas Tech University West Texas Mesonet site northeast of Aspermont recorded a 66 mph wind gust at 19:55 CST. Intermittent severe wind gusts persisted at the mesonet site until 20:20 CST. No damage was reported.</p>				
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HOCKLEY COUNTY --- WHITHARRAL [33.73, -102.33]				
	06/19/08 20:05 CST		0	Hail (1.75 in)
	06/19/08 20:05 CST		0	Source: Law Enforcement
<p>The Levelland Police Department reported golf ball size hail in Witharral. No damage was reported.</p>				
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CASTRO COUNTY --- HART [34.38, -102.12]				
	06/19/08 20:10 CST		0	Hail (1.00 in)
	06/19/08 20:10 CST		0	Source: Law Enforcement
<p>The Castro County Sheriff's Office reported quarter size hail in Hart.</p>				
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LUBBOCK COUNTY --- 3.0 NW SHALLOWATER [33.71, -102.02], 2.0 NE SLATON [33.45, -101.63]				
	06/19/08 20:15 CST		0	Thunderstorm Wind (MG 50 kt)
	06/19/08 20:40 CST		0	Source: Mesonet

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A second round of thunderstorms that moved over the Lubbock metro during the 20:00 CST hour produced intermittent severe wind gusts. A public estimate of wind gusts that approached 80 mph was received from areas just northwest of Shallowater at 20:15 CST. Nearby storm spotters and mesonet sites did not confirm these extreme wind speeds, however, and no damage was reported. The storm went on to produce occasional gusts near 60 mph as it moved east-southeastward over Lubbock, however, a 58 mph wind gust was measured by the Texas Tech University West Texas Mesonet near Slaton at 20:40 CST. No significant damage was reported.</p>				
HOCKLEY COUNTY --- 6.0 NW ROPESVILLE [33.48, -102.22]				
	06/19/08 20:30 CST		0	Thunderstorm Wind (EG 52 kt)
	06/19/08 20:30 CST		0	Source: Trained Spotter
<p>A Texas Tech University West Texas Mesonet meteorologist estimated that severe thunderstorm wind gusts exceeded 60 mph northwest of Ropesville around 20:30 CST. No damage was reported.</p>				
LYNN COUNTY --- 3.4 NNE TAHOKA [33.23, -101.76]				
	06/19/08 20:30 CST		0	Thunderstorm Wind (MG 53 kt)
	06/19/08 20:30 CST		0	Source: Mesonet
<p>The Texas Tech University West Texas Mesonet site near Tahoka recorded a severe thunderstorm wind gust of 61 mph at 20:30 CST. No damage was reported.</p>				
GARZA COUNTY --- 1.0 SSW POST [33.17, -101.39], 5.0 SSW GRAHAM CHAPEL [33.08, -101.50]				
	06/19/08 21:15 CST		0	Thunderstorm Wind (MG 58 kt)
	06/19/08 21:45 CST		0	Source: Mesonet
<p>A complex of severe storms propagated southward over portions of western and central Garza County during the 21:00 CST hour and produced intermittent severe wind gusts that were measured by the Texas Tech University West Texas Mesonet. The peak wind gust of 67 mph was recorded near Graham. No damage was reported.</p>				
CASTRO COUNTY --- SUMMERFIELD [34.73, -102.50]				
	06/19/08 21:19 CST		0	Hail (1.75 in)
	06/19/08 21:19 CST		0	Source: Public
<p>The public reported golf ball size hail in Summerfield. No damage was reported.</p>				
HOCKLEY COUNTY --- 4.0 S LEVELLAND [33.52, -102.37], 6.0 NNW ROPESVILLE [33.50, -102.19]				
	06/19/08 21:49 CST		20K	Thunderstorm Wind (MG 62 kt)
	06/19/08 21:55 CST		0	Source: Mesonet
<p>Another round of thunderstorms brought severe wind gusts to portions of central and eastern Hockley County during the 21:00 CST hour. A Texas Tech University West Texas Mesonet meteorologist estimated gusts to 65 mph northwest of Ropesville. Later measurements by the Texas Tech University West Texas Mesonet site near Levelland recorded a peak gust of 71 mph at 21:55 CST. Local newspapers reported a number of downed utility lines and poles across the area.</p>				
LUBBOCK COUNTY --- LUBBOCK [33.58, -101.85], 2.7 W LUBBOCK AIRPARK [33.47, -101.87]				
	06/19/08 21:50 CST		0.13M	Lightning
	06/19/08 22:30 CST		0	Source: Broadcast Media
<p>Extremely frequent and vivid cloud-to-ground lightning activity accompanied a severe thunderstorm over the Lubbock vicinity during the late evening of the 19th. The lightning sparked a fire that damaged a home near the intersection of County Road 7610 and south University Avenue around 22:15 CST. By 22:30 CST, a local utility provider reported that approximately 15,000 households across the city were affected by lightning-induced power outages.</p>				
LUBBOCK COUNTY --- REESE AFB [33.60, -102.05]				
	06/19/08 21:50 CST		0	Thunderstorm Wind (MG 55 kt)
	06/19/08 21:50 CST		0	Source: Mesonet
<p>Additional thunderstorm activity over Lubbock County produced localized severe winds. The Texas Tech University West Texas Mesonet site at Reese Center measured a 63 mph gust at 21:50 CST. No damage was reported. In addition, very frequent cloud-to-ground lightning activity accompanied this complex of storms.</p>				
TERRY COUNTY --- 6.0 W BROWNFIELD [33.18, -102.38]				
	06/19/08 22:10 CST		0	Hail (0.75 in)
	06/19/08 22:15 CST		0.15M	Source: Newspaper

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Local newspapers reported that large hail destroyed several fields of irrigated cotton west of Brownfield. Event times are estimated based on archived Doppler radar imagery.				

TERRY COUNTY --- BROWNFIELD [33.18, -102.28]

06/19/08 22:14 CST	0	Thunderstorm Wind (EG 52 kt)
06/19/08 22:14 CST	0	Source: Emergency Manager

Terry County emergency management officials estimated thunderstorm wind gusts up to 60 mph in Brownfield. No damage was reported.

A very active severe weather event impacted the South Plains of west Texas during the late afternoon and evening of the 19th. Isolated thunderstorms initially developed along a pre-existing outflow boundary from the central Texas Panhandle southeastward over the northern Rolling Plains. These storms produced large hail, damaging winds, and at least one tornado in northern Cottle County.

Thunderstorms rapidly became widespread over the South Plains during the evening hours. Many of the storms were severe with large hail up to the size of golf balls and damaging winds in excess of 70 mph. Damage was largely limited to utility poles, lines, and trees. Losses due to agricultural damages, however, were estimated to exceed \$1.1 million.

CHILDRESS COUNTY --- 7.0 NW CHILDRESS [34.49, -100.29]

06/19/08 01:00 CST	0	Hail (1.00 in)
06/19/08 01:00 CST	0	Source: Public

The public reported quarter size hail northwest of Childress at 01:00 CST. No damage was reported.

Thunderstorms which originated over the Texas Panhandle propagated southward over the extreme southeastern Panhandle and the northern Rolling Plains of west Texas during the very early morning hours of the 19th. At least one storm within the convective complex became severe and produced quarter size hail in Childress County.