

Storm Data and Unusual Weather Phenomena - June 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TEXAS, South Panhandle				
YOAKUM COUNTY --- DENVER CITY [32.97, -102.85]				
	06/01/10 16:51 CST		0	Hail (1.00 in)
	06/01/10 16:52 CST		0	Source: Law Enforcement
Law enforcement officials reported quarter size hail in Denver City just before 17:00 CST.				
LUBBOCK COUNTY --- SHALLOWATER [33.68, -101.98], 2.1 NNE SHALLOWATER ARPT [33.71, -101.99]				
	06/01/10 17:35 CST		0	Hail (0.75 in)
	06/01/10 17:40 CST		20K	Source: Public
Farmers reported that dime to penny size hail destroyed 560 acres of cotton just north of Shallowater shortly after 17:30 CST.				
HALE COUNTY --- ABERNATHY [33.83, -101.85]				
	06/01/10 17:55 CST		0	Hail (1.75 in)
	06/01/10 17:55 CST		0	Source: Public
The public reported golf ball size hail in Abernathy.				
TERRY COUNTY --- 4.0 SSW BROWNFIELD [33.13, -102.31], 2.0 S BROWNFIELD [33.15, -102.28]				
	06/01/10 18:05 CST		5K	Thunderstorm Wind (EG 52 kt)
	06/01/10 18:20 CST		0	Source: Emergency Manager
A complex of thunderstorms produced 50 mph to 60 mph wind gusts over portions of Terry County between 18:05 CST and 18:20 CST on the 1st. The winds downed a large tree which fell onto the roof of a home southwest of Brownfield. Damage to the structure was minor. A nearby Texas Tech University West Texas Mesonet site recorded a 51 mph gust at 18:15 CST.				
CASTRO COUNTY --- 1.0 SE HART [34.37, -102.11]				
	06/01/10 18:20 CST		10K	Thunderstorm Wind (EG 52 kt)
	06/01/10 18:30 CST		0	Source: Newspaper
Local newspaper articles reported that thunderstorm winds downed a utility pole and lines along U.S. Highway 70 just southeast of Hart. Several residences were reportedly without power as a result of the damage.				
(TX-Z031) MOTLEY				
	06/01/10 22:55 CST		0	High Wind (MAX 62 kt)
	06/01/10 22:55 CST		0	
Scattered thunderstorms developed and spread northeastward over the western and central South Plains of west Texas during the late afternoon and evening of the 1st. Some of the storms became severe and produced large hail up to the size of golfballs and damaging wind gusts. Damage was limited to downed utility poles and lines near Hart (Castro County) and a downed tree that caused minor damage to a home near Brownfield (Terry County). The Texas Tech University West Texas Mesonet sampled an intense heat burst with wind gusts up to 71 mph as convection decayed over the Rolling Plains during the late evening hours.				
LYNN COUNTY --- 3.0 N NEW HOME [33.36, -101.92]				
	06/02/10 14:55 CST		0	Tornado (EF0, L: 0.10 mi , W: 15 yd)
	06/02/10 14:57 CST		0	Source: NWS Employee
A National Weather Service meteorologist observed a short-lived landspout tornado over an open field north of New Home. The landspout tornado formed during the initiation stage of a thunderstorm which eventually showed Doppler radar-based evidence of large hail. No damage was reported.				
TERRY COUNTY --- MEADOW [33.33, -102.20], 3.0 SW MEADOW [33.30, -102.24]				
	06/02/10 15:30 CST		0	Hail (1.50 in)
	06/02/10 15:41 CST		0	Source: Public
The public initially reported ping pong ball size hail in Meadow at 15:30 CST. A National Weather Service employee additionally observed quarter size hail southwest of Meadow at 15:41 CST.				
DICKENS COUNTY --- 16.0 E DICKENS [33.62, -100.55]				

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	06/02/10 17:47 CST		0	Hail (1.00 in)
	06/02/10 17:47 CST		0	Source: Trained Spotter

A Skywarn spotter reported quarter size hail along U.S. Highway 82 in eastern Dickens County.

KENT COUNTY --- 6.0 NE CLAIREMONT [33.23, -100.68]

	06/02/10 17:50 CST		0	Hail (1.75 in)
	06/02/10 17:50 CST		0	Source: Law Enforcement

Law enforcement officials reported golf ball size hail northeast of Clairemont shortly before 18:00 CST.

During the late afternoon hours on the 2nd, thunderstorms developed over the southern South Plains. A small and weak non-mesocyclonic tornado formed in open fields in extreme northern Lynn County just before 15:00 CST. The tornado developed beneath initial updrafts occurring atop a stationary southwest to northeast oriented surface boundary. Other storms along the boundary quickly intensified and produced large hail over portions of Terry County.

Later in the evening, a large complex of severe thunderstorms evolved east of the Caprock escarpment. These storms also produced large hail.

YOAKUM COUNTY --- 13.0 WSW PLAINS [33.11, -103.04]

	06/07/10 16:29 CST		0	Thunderstorm Wind (EG 61 kt)
	06/07/10 16:29 CST		0	Source: Public

The public reported an estimated wind gust up to 70 mph associated with a thunderstorm along U.S. Highway 82 near the community of Allred. No damage was reported.

Isolated thunderstorms developed and moved northwestward across the southwestern South Plains during the early evening hours on the 7th. One of these storms produced severe wind gusts as it moved over western Yoakum County. The winds were accompanied by blowing dust which "burned" cotton crops.

(TX-Z021) PARMER

	06/08/10 20:03 CST		10K	High Wind (MAX 53 kt)
	06/08/10 20:10 CST		0	

LAMB COUNTY --- 1.0 NE AMHERST [34.03, -102.41]

	06/08/10 20:35 CST		0	Thunderstorm Wind (MG 50 kt)
	06/08/10 20:35 CST		0	Source: Mesonet

The Texas Tech University West Texas Mesonet site near Amherst recorded a thunderstorm wind gust of 58 mph at 20:35 CST. No damage was reported.

A complex wind event impacted portions of the northwestern South Plains and the extreme southwestern Texas Panhandle during the late evening hours of the 8th.

Scattered convection moved southeastward from the plains of eastern New Mexico and the western Texas Panhandle through the evening. Pressure rises in the wake of this activity, and an associated mesoscale high pressure system beneath the convection's trailing stratiform precipitation area, resulted in a surge of southerly winds behind (north of) the thunderstorm complex over portions of Parmer County. KVII-TV Schoolnet and Texas Tech University West Texas Mesonet sites recorded gusts to 61 mph and 59 mph at Lazbuddie and Friona (Parmer County) respectively between 20:03 CST and 20:10 CST. Although no significant structural damage was reported, newspaper articles suggest the winds may have contributed to downed utility lines and tree limbs and prolonged power outages in Farwell (Parmer County).

Meanwhile, wind speeds additionally intensified along the leading edge of the thunderstorm complex. At 20:35 CST, a 58 mph thunderstorm wind gust was measured by the Texas Tech University West Texas Mesonet site near Amherst (Lamb County). No damage was reported.

PARMER COUNTY --- LAZBUDDIE [34.38, -102.62]

	06/10/10 14:58 CST		0	Thunderstorm Wind (MG 55 kt)
	06/10/10 14:58 CST		0	Source: Mesonet

The KVII-TV Schoolnet site at Lazbuddie measured a thunderstorm wind gust of 63 mph just before 15:00 CST. No damage was reported.

CASTRO COUNTY --- 8.0 NW DIMMITT [34.63, -102.42]

	06/10/10 15:17 CST		0	Hail (1.00 in)
	06/10/10 15:17 CST		0	Source: Public

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The public reported that quarter size hail fell in the community of Easter.				
LAMB COUNTY --- 6.0 SE LITTLEFIELD [33.86, -102.25]				
	06/10/10 16:45 CST		0	Thunderstorm Wind (EG 52 kt)
	06/10/10 16:45 CST		0	Source: Public
The public reported thunderstorm wind gusts estimated in excess of 60 mph along U.S. Highway 84 southeast of Littlefield. No damage was reported, but visibility was reported to be near zero in blowing dust.				
LYNN COUNTY --- 1.0 S NEW HOME [33.31, -101.92]				
	06/10/10 18:55 CST		0	Thunderstorm Wind (EG 52 kt)
	06/10/10 18:55 CST		0	Source: Public
The public estimated thunderstorm wind gusts in excess of 60 mph and blowing dust which restricted visibility. No damages were reported.				
FLOYD COUNTY --- 13.0 WSW FLOYDADA [33.91, -101.54]				
	06/10/10 19:55 CST		0	Thunderstorm Wind (EG 52 kt)
	06/10/10 19:55 CST		50K	Source: Public
Farmers reported that thunderstorm wind gusts in excess of 60 mph accompanied by blowing dust damaged young cotton crops in southwestern Floyd County.				
LYNN COUNTY --- 3.0 NNE TAHOKA [33.22, -101.76]				
	06/10/10 20:15 CST		0	Thunderstorm Wind (MG 50 kt)
	06/10/10 20:15 CST		0	Source: Mesonet
The Texas Tech University West Texas Mesonet site near Tahoka measured a thunderstorm wind gust of 58 mph. No damage was reported.				
FLOYD COUNTY --- LOCKNEY [34.12, -101.43], 2.0 NNE FLOYDADA [34.01, -101.32]				
	06/10/10 20:20 CST		10K	Thunderstorm Wind (MG 55 kt)
	06/10/10 20:25 CST		0	Source: Mesonet
The public reported thunderstorm wind gusts estimated to be in excess of 60 mph in Lockney at 20:20 CST, where the winds contributed to power outages. A street light was blown down onto power lines along U.S. Highway 70 in Muncey. At 20:25 CST a Texas Tech University West Texas Mesonet site near Floydada measured a 63 mph thunderstorm wind gust.				
MOTLEY COUNTY --- MATADOR [34.02, -100.82]				
	06/10/10 21:22 CST		0	Thunderstorm Wind (EG 52 kt)
	06/10/10 21:22 CST		0	Source: Law Enforcement
Law enforcement officials estimated thunderstorm wind gusts to be in excess of 60 mph. No damage was reported.				
Following a day of record high triple digit temperatures, scattered thunderstorms erupted along a dryline over the western South Plains of west Texas. These storms produced damaging winds and hail up to the size of quarters as they progressed eastward over the South Plains through the evening hours. Wind gusts were measured as high as 63 mph with widespread blowing dust near storms. The winds damaged young cotton crops and caused power outages.				
PARMER COUNTY --- 18.0 WNW FRIONA [34.73, -103.02]				
	06/12/10 22:30 CST		0	Hail (0.88 in)
	06/12/10 22:30 CST		0	Source: Fire Department/Rescue
Non-severe thunderstorms impacted portions of northwestern Parmer County during the late evening hours of the 12th. Nickel size hail was reported in Rhea around 22:30 CST.				
COTTLE COUNTY --- 5.0 W PADUCAH [34.02, -100.39], 3.0 N PADUCAH [34.06, -100.30]				
	06/13/10 15:49 CST		0	Hail (0.75 in)
	06/13/10 16:10 CST		0	Source: Fire Department/Rescue
Penny size hail was reportedly accompanied by 45 mph wind gusts. No damage was reported.				
FLOYD COUNTY --- FLOYDADA [33.98, -101.33]				

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	06/13/10 19:07 CST		0	Hail (0.75 in)
	06/13/10 19:07 CST		0	Source: Law Enforcement

FLOYD COUNTY --- FLOYDADA [33.98, -101.33], 4.0 S FLOYDADA [33.92, -101.33]

	06/13/10 19:10 CST		0	Hail (1.75 in)
	06/13/10 19:20 CST		0	Source: NWS Employee

Multiple reports of large hail were received from the Floydada vicinity during the 19:00 CST hour. Initial reports from a National Weather Service employee and the Floydada Fire Department indicated that quarter size hail impacted a swath of Texas Highway 207 from Floydada to south of the city. By 19:20 CST golfball size hail was reported in Floydada.

FLOYD COUNTY --- 9.0 E FLOYDADA [33.98, -101.17]

	06/13/10 19:35 CST		0	Thunderstorm Wind (MG 59 kt)
	06/13/10 19:35 CST		0	Source: Storm Chaser

A storm chaser measured a thunderstorm wind gust of 68 mph east of Floydada along U.S. Highway 62/70. Visibility was reportedly near zero with torrential wind-driven rainfall. No damage was reported.

CHILDRESS COUNTY --- (CDS)CHILDRESS ARPT [34.43, -100.30], 2.0 NNE CHILDRESS [34.45, -100.19]

	06/13/10 22:10 CST		0	Thunderstorm Wind (MG 59 kt)
	06/13/10 22:20 CST		0	Source: ASOS

Severe winds accompanied a decaying thunderstorm in the Childress vicinity shortly after 22:00 CST. The Automated Surface Observing System at Childress Municipal Airport initially recorded a 68 mph wind gust at 22:10 CST. By 22:20 CST, the Texas Tech University West Texas Mesonet site northeast of Childress measured a wind gust of 58 mph just northeast of the city. No damage was reported.

HALL COUNTY --- 2.1 W TURKEY [34.40, -100.92], 2.2 SW TURKEY [34.38, -100.91]

	06/13/10 23:25 CST		0.13M	Thunderstorm Wind (MG 88 kt)
	06/13/10 23:30 CST		0	Source: Mesonet

An intense downburst occurred over portions of southwestern Hall County near Turkey around 23:30 CST on the 13th. The Texas Tech University West Texas Mesonet site just west-southwest of Turkey measured a 71 mph wind gust at 23:25 CST. An extreme gust of 101 mph was observed at 23:30 CST. The winds also were accompanied by intense rain bursts.

A post-storm survey by Texas Tech University West Texas Mesonet meteorologists revealed that damage consistent with the measured wind speeds occurred along Texas Highway 86 from near the Briscoe and Hall County line to just west of Turkey. A trailer house was rolled by the winds and destroyed, and a large metal barn sustained severe damage with metal cross-beams blown some distance down wind. A number of utility poles also were snapped. No injuries were reported.

Thunderstorms developed along and east of a dryline over the west Texas South Plains and Rolling Plains during the afternoon and evening hours on the 13th. Several of the storms became severe and produced large hail up to the size of golfballs and wind gusts up to 68 mph.

During the late evening hours, thunderstorms congealed into a small convective complex over the extreme southern Panhandle and the northern Rolling Plains. These storms produced severe wind gusts in Childress and Hall counties. A particularly intense downburst was sampled by the Texas Tech University West Texas Mesonet near Turkey around 23:30 CST, with a peak wind gust of 101 mph. These winds destroyed a trailer home and heavily damaged a large metal barn and utilities.

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A mobile home was destroyed by extreme downburst winds west of Turkey around 23:30 CST on the 13th. Photo courtesy: Texas Tech University West Texas Mesonet.

TERRY COUNTY --- 9.0 E WELLMAN [33.05, -102.27]

06/14/10 12:52 CST		0	Hail (1.00 in)
06/14/10 12:52 CST		0	Source: Public

The public reported quarter size hail along Farm to Market Road 403 east of Wellman.

LYNN COUNTY --- 1.6 SSE TAHOKA T BAR ARPT [33.16, -101.80], WILSON [33.32, -101.73]

06/14/10 13:20 CST		0.10M	Thunderstorm Wind (MG 73 kt)
06/14/10 13:46 CST		0	Source: Mesonet

A swath of damaging thunderstorm winds accompanied a high-precipitation supercell from near Tahoka to Wilson. Damage initially occurred around 13:20 CST when a large section of wall was blown in at a warehouse and several well-built fences were destroyed on the west side of Tahoka. By 13:25 CST, a 32,000 pound semi-truck was blown over along U.S. Highway 87 north of Tahoka. A church located just east of the highway north of Tahoka additionally sustained major roof damage. At 13:43 CST, the Texas Tech University West Texas Mesonet site northeast of Tahoka measured a thunderstorm wind gust of 65 mph. A VORTEX II mobile mesonet recorded a 84 mph gust southwest of Wilson at 13:44 CST. A second mobile mesonet measurement of 78 mph was recorded in Wilson at 13:46 CST. Multiple long-lived gustnadoes were observed by VORTEX II crews along the gust front. Local officials reported that at least five utility poles were snapped near the ground west of Wilson, and that electricity outages persisted through 01:00 CST on the 15th at a number of residences near Wilson. Otherwise, damage in Wilson was largely limited to downed tree branches. No injuries were reported.

LYNN COUNTY --- TAHOKA [33.18, -101.78]

06/14/10 13:20 CST		0	Heavy Rain
06/14/10 15:30 CST		0	Source: Mesonet

A series of severe thunderstorms impacted portions of central Lynn County between 13:30 CST and 15:30 CST on the 14th. These storms produced heavy rainfall that resulted in minor street and highway flooding. The Texas Tech University West Texas Mesonet site near Tahoka measured 3.17 inches of rainfall during the event.

LYNN COUNTY --- TAHOKA [33.18, -101.78], 3.6 NNE TAHOKA [33.23, -101.75]

06/14/10 13:20 CST		0	Hail (1.00 in)
06/14/10 13:25 CST		0.10M	Source: Public

The public reported that quarter size hail was accompanied by damaging winds in Tahoka. Newspaper articles and local agricultural officials noted that the wind-blown hail severely damaged a number of cotton crops northeast of Tahoka.

LYNN COUNTY --- 2.1 S WILSON [33.29, -101.73], 2.0 S WILSON [33.29, -101.73]

06/14/10 13:40 CST		0	Tornado (EF0, L: 0.20 mi , W: 40 yd)
06/14/10 13:41 CST		0	Source: Storm Chaser

Veteran storm chasers and VORTEX II photographed a brief and weak tornado in open farmland southwest of Wilson. The tornado developed beneath a broad high-precipitation mesocyclone and on the nose of intense rear flank outflow. One storm chaser reported that airborne gravel and crop debris hit his car as he drove near the tornado. Although widespread wind damages resulted from the parent supercell thunderstorm's outflow, no damages were attributed to the tornado.

LUBBOCK COUNTY --- REESE VLG [33.60, -102.02], 6.0 NW NEW DEAL [33.79, -101.90]

06/14/10 13:52 CST		0	Hail (1.75 in)
06/14/10 14:22 CST		0.13M	Source: Trained Spotter

Large hail that ranged in size from quarters to golfballs fell in Reese Center between 13:52 CST and 14:02 CST. The hail then extended northeastward along a swath as the parent thunderstorm tracked over northern Lubbock County. Around 14:10 CST, 1,000 acres of cotton were heavily damaged near Shallowater. Half dollar size hail also was reported at 14:22 CST northwest of New Deal.

LYNN COUNTY --- TAHOKA [33.18, -101.78]

06/14/10 14:00 CST		25K	Lightning
06/14/10 14:00 CST		0	Source: Newspaper

Local newspapers and utility officials reported that a lightning strike on a home in Tahoka resulted in a ruptured natural gas line beneath the home. The leak was detected and repaired without incident, but crews reported that a small hole and burn mark were present in the gas pipe when it was replaced the next day. Other electronics and appliances inside the home were additionally destroyed by the lightning strike.

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KING COUNTY --- 10.0 W GUTHRIE [33.62, -100.50]				
	06/14/10 14:15 CST		0	Hail (1.00 in)
	06/14/10 14:15 CST		0	Source: COOP Observer
A National Weather Service cooperative observer reported quarter size hail west of Guthrie.				
LYNN COUNTY --- TAHOKA [33.18, -101.78]				
	06/14/10 14:16 CST		0	Hail (1.00 in)
	06/14/10 14:16 CST		0	Source: Public
The public reported quarter size hail in Tahoka as the second in a series of thunderstorms impacted that community.				
HALE COUNTY --- 5.0 WNW ABERNATHY [33.86, -101.93], PLAINVIEW [34.20, -101.70]				
	06/14/10 14:30 CST		0	Hail (1.75 in)
	06/14/10 15:31 CST		0	Source: Broadcast Media
A long-lived thunderstorm produced a swath of large hail from northwest of Abernathy to Plainview. The storm, which originated over northwestern Lubbock County, reportedly produced quarter size hail west-northwest of Abernathy at 14:30 CST. Quarter to golfball size hail was additionally reported as the storm impacted areas of Interstate 27 near Hale Center and south of Plainview between 15:06 CST and 15:22 CST. By 15:29 CST to 15:31 CST, golfball size hail was reported in Plainview proper. No significant damages were reported.				
YOAKUM COUNTY --- 6.0 NW PLAINS [33.24, -102.90]				
	06/14/10 14:48 CST		0	Hail (1.00 in)
	06/14/10 14:52 CST		75K	Source: Public
Local farmers reported that large hail destroyed 640 acres of cotton northwest of Plains. Event time is estimated based on Doppler radar.				
LYNN COUNTY --- TAHOKA [33.18, -101.78]				
	06/14/10 14:53 CST		0	Hail (0.75 in)
	06/14/10 14:53 CST		0	Source: Law Enforcement
HOCKLEY COUNTY --- 6.0 NNW LEVELLAND [33.66, -102.41]				
	06/14/10 14:55 CST		0	Hail (1.00 in)
	06/14/10 14:55 CST		0	Source: Public
Quarter size hail was reported north-northwest of Levelland.				
LYNN COUNTY --- TAHOKA [33.18, -101.78]				
	06/14/10 15:01 CST		0	Hail (1.00 in)
	06/14/10 15:01 CST		0	Source: Storm Chaser
Storm chasers reported quarter size hail in Tahoka at 15:01 CST. This was the third severe storm to impact Tahoka since around 13:30 CST.				
LAMB COUNTY --- 6.0 S OLTON [34.09, -102.13], 2.7 SSE OLTON [34.14, -102.11]				
	06/14/10 15:23 CST		0.15M	Thunderstorm Wind (MG 66 kt)
	06/14/10 15:29 CST		0	Source: Mesonet
The Texas Tech University West Texas Mesonet site south of Olton recorded thunderstorm wind gusts of 76 mph and 75 mph at 15:23 CST and 15:29 CST respectively. These winds occurred as a severe thunderstorm quickly moved northeastward over extreme western Hale County. The outflow winds spread northwestward and impacted portions of eastern Lamb County near Olton. Eye-witness accounts suggest that gustnadoes may have spun-up along the gust front as it raced north-northwestward in advance of the parent anticyclonic (left) splitting storm. The winds, or perhaps an associated gustnado, caused significant damage at a residence in the community of Correy. Stucco siding and roof shingles were blown off of the structure. The U.S. Department of Agriculture additionally reported that a center pivot irrigation system also was destroyed. No injuries were reported.				
HALE COUNTY --- 3.0 WSW HALFWAY [34.16, -102.00], 4.0 N HALFWAY [34.24, -101.95]				
	06/14/10 15:30 CST		0	Hail (1.75 in)
	06/14/10 15:42 CST		0	Source: Emergency Manager
Multiple reports of golfball size hail were received from the Halfway vicinity from both local emergency management officials and the National Severe Storms Laboratory SHAVE project. No damage was reported.				

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SWISHER COUNTY --- 10.0 WSW KRESS [34.31, -101.91]

06/14/10 15:50 CST		0	Hail (1.75 in)
06/14/10 15:50 CST		0	Source: SHAVE Project

A swath of golfball size hail accompanied a storm northeastward from the Halfway community in northwestern Hale County over portions of southwestern Swisher County. Golfball size hail was reported west-southwest of Kress at 15:50 CST. The report was relayed by the National Severe Storms Laboratory SHAVE project.

SWISHER COUNTY --- 8.0 SE TULIA [34.45, -101.67], 16.0 NE TULIA [34.69, -101.57]

06/14/10 15:55 CST		0	Hail (1.00 in)
06/14/10 16:23 CST		0	Source: SHAVE Project

Another severe thunderstorm tracked northeastward from central Hale County over the central and eastern portions of Swisher County. This storm produced a swath of quarter size hail from southeast of Tulia to northeast of the city per reports from the National Severe Storms Laboratory SHAVE project.

KENT COUNTY --- JAYTON [33.25, -100.58]

06/14/10 17:52 CST		0	Hail (0.75 in)
06/14/10 17:52 CST		0	Source: Law Enforcement

Law enforcement officials reported penny size hail accompanied by thunderstorm wind gusts estimated between 50 mph and 60 mph.

KENT COUNTY --- 1.0 SSE JAYTON [33.24, -100.57]

06/14/10 17:55 CST		0	Thunderstorm Wind (MG 50 kt)
06/14/10 17:55 CST		0	Source: Mesonet

The Texas Tech University West Texas Mesonet site measured a 58 mph thunderstorm wind gust near Jayton. The winds were accompanied by small hail. No damages were reported.

STONEWALL COUNTY --- PEACOCK [33.18, -100.40]

06/14/10 18:38 CST		0	Hail (0.75 in)
06/14/10 18:38 CST		0	Source: Public

STONEWALL COUNTY --- 3.0 NE ASPERMONT [33.18, -100.19]

06/14/10 18:45 CST		0	Thunderstorm Wind (MG 56 kt)
06/14/10 18:50 CST		0	Source: Mesonet

A Texas Tech University West Texas Mesonet site near Aspermont recorded thunderstorm wind gusts up to 64 mph. No damage was reported.

A severe weather outbreak impacted the South Plains of west Texas during the afternoon hours of the 14th.

Scattered thunderstorms developed rapidly during the early and mid afternoon hours, initially along a southward moving cold front over the southern South Plains. This activity evolved into several supercell storms and thunderstorm complexes. A large high-precipitation supercell tracked over portions of Lynn County. This storm was observed by the VORTEX II project, and winds measured by the research armada as high as 84 mph caused a swath of damage from Tahoka to near Wilson. Veteran storm chasers additionally observed a brief and weak tornado south of Wilson.

Complex storm interactions, including mergers and splits were observed as the outbreak evolved. An anticyclonic left-moving storm resulted in a swath of golfball size hail and damaging winds measured up to 76 mph by the Texas Tech University West Texas Mesonet over portions of Lamb and Hale Counties. These winds caused significant structural damage to a residence south of Olton. Other storms caused significant crop losses due to large hail, particularly in Lynn, Lubbock, and Yoakum Counties. The convection eventually evolved into a linear bow-shaped complex that produced damaging winds over the southern Rolling Plains during the evening hours.

Total economic losses across the South Plains were estimated to exceed \$500,000. No injuries were reported.

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Veteran storm chasers photographed a brief and small tornado southeast of Wilson at 13:40 CST. Photo courtesy: Sam Barricklow - storm chaser - Garland, Texas.

BAILEY COUNTY --- 3.0 S MULESHOE [34.18, -102.73]

06/17/10 16:38 CST	0		Hail (0.88 in)
06/17/10 16:38 CST	0		Source: Law Enforcement

LAMB COUNTY --- 10.0 N SUDAN [34.21, -102.53]

06/17/10 17:25 CST	0.13M		Thunderstorm Wind (EG 56 kt)
06/17/10 17:25 CST	0		Source: NWS Storm Survey

A National Weather Service post-storm survey revealed that damaging thunderstorm winds destroyed a center-pivot irrigation system just south of U.S. Highway 70 north of Sudan. The event time is estimated based on Doppler radar data.

LAMB COUNTY --- EARTH [34.23, -102.40]

06/17/10 17:56 CST	0		Hail (0.75 in)
06/17/10 17:56 CST	0		Source: Trained Spotter

CASTRO COUNTY --- 3.0 S NAZARETH [34.51, -102.10]

06/17/10 18:03 CST	0		Hail (0.75 in)
06/17/10 18:03 CST	0		Source: Public

LAMB COUNTY --- 5.0 S SPRINGLAKE [34.16, -102.30], 2.0 SSE SPRINGLAKE [34.20, -102.29]

06/17/10 18:07 CST	0		Thunderstorm Wind (EG 52 kt)
06/17/10 18:15 CST	0.10M		Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - June 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Storm spotters reported thunderstorm wind gusts in excess of 60 mph accompanied by quarter size hail south of Springlake. Local farmers and newspaper articles reported that the wind-blown hail "crushed" newly planted cotton crops.

LAMB COUNTY --- 5.0 S SPRINGLAKE [34.16, -102.30], 2.0 SSE SPRINGLAKE [34.20, -102.29]

	06/17/10 18:07 CST	0		Hail (1.00 in)
	06/17/10 18:15 CST		0.20M	Source: Trained Spotter

Storm spotters reported quarter size hail accompanied by thunderstorm wind gusts in excess of 60 mph south of Springlake. Local farmers and newspaper articles reported that the hail "crushed" newly planted cotton crops.

LAMB COUNTY --- 3.0 W OLTON [34.18, -102.18]

	06/17/10 18:33 CST	0		Hail (0.75 in)
	06/17/10 18:33 CST			Source: Amateur Radio

LAMB COUNTY --- OLTON [34.18, -102.13]

	06/17/10 18:44 CST	0		Hail (1.75 in)
	06/17/10 18:44 CST			Source: Fire Department/Rescue

Local fire department officials reported golfball size hail in Olton. No significant damages were reported.

LAMB COUNTY --- 5.0 S EARTH [34.16, -102.40], 2.0 SSE SPRINGLAKE [34.20, -102.29]

	06/17/10 20:05 CST	0		Thunderstorm Wind (EG 52 kt)
	06/17/10 20:20 CST			Source: Law Enforcement

Multiple reports of wind gusts estimated in excess of 60 mph were received from law enforcement and storm spotters along a swath from south of Earth to near Springlake. Large tree limbs were reportedly broken by the winds in Springlake, and hail up to the size of quarters accompanied the winds at times.

LAMB COUNTY --- 1.0 NE AMHERST [34.03, -102.41]

	06/17/10 21:30 CST	0		Thunderstorm Wind (MG 66 kt)
	06/17/10 21:30 CST			Source: Mesonet

A downburst resulted in intense thunderstorm winds over portions of Lamb County around 21:30 CST. The Texas Tech University West Texas Mesonet site near Amherst recorded a peak gust of 76 mph. No significant damages were reported.

PARMER COUNTY --- 2.0 NE FRIONA [34.65, -102.71]

	06/17/10 22:09 CST	0		Thunderstorm Wind (MG 54 kt)
	06/17/10 22:09 CST			Source: Mesonet

The Texas Tech University West Texas Mesonet site near Friona measured a thunderstorm downburst wind gust of 62 mph. No damage was reported.

HALE COUNTY --- 1.0 S PLAINVIEW [34.19, -101.70]

	06/17/10 22:20 CST	0		Thunderstorm Wind (MG 52 kt)
	06/17/10 22:20 CST			Source: Mesonet

The Texas Tech University West Texas Mesonet site near Plainview measured a thunderstorm downburst wind gust of 60 mph at 22:20 CST. No damages were reported.

Isolated high-based supercell thunderstorms initiated over the northwestern South Plains and the extreme southwestern Panhandle of west Texas during the late afternoon hours of the 17th. These storms produced damaging thunderstorm winds and large hail up to the size of golfballs as they impacted portions of Lamb and Castro Counties. During the late evening hours, a complex of thunderstorms evolved and swept eastward over the northern South Plains. These storms generated a series of downbursts that eventually congealed into a large cold pool of thunderstorm outflow. Wind speeds were measured as high as 76 mph near Amherst (Lamb County) with this activity. Over \$200,000 in damage occurred in Lamb County.

Storm Data and Unusual Weather Phenomena - June 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A high-based supercell thunderstorms produced large hail and damaging winds near Springlake (Lamb County) shortly after 18:00 CST on the 17th. Photo courtesy: Matt Ziebell - National Weather Service - Lubbock, Texas.

HOCKLEY COUNTY --- ROPESVILLE [33.42, -102.15]

06/20/10 16:30 CST	0		Heavy Rain
06/20/10 17:30 CST	0		Source: Public

Heavy rainfall resulted in minor flooding of some city streets in Ropesville.

HOCKLEY COUNTY --- 3.2 ENE ARNETT [33.50, -102.25], 6.0 NNW ROPESVILLE [33.50, -102.19]

06/20/10 16:50 CST	0		Hail (0.75 in)
06/20/10 16:50 CST	0.25M		Source: Public

The public reported penny size hail northwest of Ropesville. Local farmers and newspapers reported that "several thousand" acres of cotton were destroyed by the hail east of Arnett.

HOCKLEY COUNTY --- 6.0 NNW ROPESVILLE [33.50, -102.19]

06/20/10 16:50 CST	0		Thunderstorm Wind (EG 52 kt)
06/20/10 16:50 CST	0		Source: Public

The public reported thunderstorm winds estimated to exceed 60 mph. The winds were accompanied by penny size hail. No damage was reported.

LUBBOCK COUNTY --- 6.0 SSW WOLFFORTH [33.42, -102.06]

06/20/10 17:15 CST	20K		Thunderstorm Wind (MG 55 kt)
06/20/10 17:15 CST	0		Source: Mesonet

The Texas Tech University West Texas Mesonet site southwest of Wolfforth recorded a 63 mph thunderstorm wind gust at 17:15 CST. Local authorities reported that the winds downed utility poles and resulted in a prolonged electrical outage for more than 1,500 households.

Storm Data and Unusual Weather Phenomena - June 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TERRY COUNTY --- BROWNFIELD [33.18, -102.28]				
	06/20/10 17:30 CST		0	Heavy Rain
	06/20/10 18:30 CST		0	Source: Law Enforcement

Heavy rain caused ponding and minor flooding of city streets in Brownfield.

HALE COUNTY --- PLAINVIEW [34.20, -101.70]				
	06/20/10 20:50 CST		25K	Thunderstorm Wind (EG 52 kt)
	06/20/10 20:55 CST		0	Source: Newspaper

Local newspapers reported that damaging thunderstorm winds blew the roof off of a trailer home in Plainview shortly before 21:00 CST. A nearby Texas Tech University West Texas Mesonet site recorded a peak gust of 57 mph at 20:50 CST. No injuries were reported.

Scattered thunderstorms developed over the southwestern South Plains of west Texas during the late afternoon and early evening of the 20th. These storms produced heavy rainfall, small hail, and locally damaging wind gusts as they spread northeastward over the central South Plains. The most significant impact occurred in southeastern Hockley County, where several thousand acres of cotton were destroyed by wind-blown small hail. Additionally, thunderstorm winds downed utility poles southwest of Wolfforth (Lubbock County) and contributed to electrical outages. A roof was additionally blown off of a trailer home in Plainview (Hale County). No injuries were reported.

Storm Data and Unusual Weather Phenomena - June 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
				

Storm Data and Unusual Weather Phenomena - June 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Thunderstorm winds blew the roof off of a residence in Plainview around 20:50 CST on the 20th. Photo courtesy: Stephanie Williams and Doug McDonough - Plainview Daily Herald - Plainview, Texas.

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

	06/23/10 20:28 CST	0		Thunderstorm Wind (MG 59 kt)
	06/23/10 20:28 CST	0		Source: Broadcast Media

A KVII-TV Schoolnet site in Happy measured a wind gust of 59 mph. No damage was reported.

PARMER COUNTY --- 2.0 NE FRIONA [34.65, -102.71]

	06/23/10 20:55 CST	0		Thunderstorm Wind (MG 55 kt)
	06/23/10 20:55 CST	0		Source: Mesonet

The Texas Tech University West Texas Mesonet site near Friona measured a wind gust of 63 mph. No damage was reported.

Thunderstorm outflow resulted in at least two severe wind gusts as measured by the Texas Tech University West Texas Mesonet and the KVII-TV Schoolnet over the extreme southern Texas Panhandle between 20:00 CST and 21:00 CST. No damages were reported.

BRISCOE COUNTY --- SILVERTON [34.47, -101.30]

	06/27/10 19:23 CST	0		Hail (0.88 in)
	06/27/10 19:23 CST	0		Source: Public

HOCKLEY COUNTY --- 4.0 S LEVELLAND [33.52, -102.37]

	06/27/10 20:35 CST	0		Thunderstorm Wind (MG 53 kt)
	06/27/10 20:35 CST	0		Source: Mesonet

The Texas Tech University West Texas Mesonet site near Levelland measured a thunderstorm wind gust of 61 mph shortly after 20:30 CST. No damage was reported.

FLOYD COUNTY --- 6.5 NE MUNCY [34.12, -101.31], 6.1 NE MUNCY [34.13, -101.32], 5.0 S SOUTH PLAINS [34.15, -101.32], 5.0 S SOUTH PLAINS [34.15, -101.31]

	06/27/10 22:48 CST	0		Flash Flood (due to Heavy Rain)
	06/28/10 00:00 CST	0		Source: Law Enforcement

The Floyd County Sheriff's Office reported that high water streamed across portions of Texas Highway 207 near the intersection of Farm to Market Road 97 south of South Plains. The inundated section of highway spanned one half mile in width.

A complex of thunderstorms impacted the west Texas South Plains during the evening hours of the 27th. The storms produced small hail, at least one instance of severe winds, and heavy rainfall. The most significant impacts occurred in Floyd County where heavy rainfall resulted in flash flooding along Texas Highway 207. No damages were reported.