

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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TEXAS, South Panhandle

(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-Z033) COCHRAN, (TX-Z034) HOCKLEY, (TX-Z035) LUBBOCK, (TX-Z036) CROSBY, (TX-Z037) DICKENS, (TX-Z038) KING, (TX-Z039) YOAKUM, (TX-Z040) TERRY, (TX-Z041) LYNN, (TX-Z042) GARZA, (TX-Z043) KENT, (TX-Z044) STONEWALL

06/01/14 00:00 CST	0	Drought
06/30/14 23:59 CST	0	

Repeated widespread rainfall events through June further alleviated short and long term drought conditions across the South Plains, Rolling Plains, and extreme southern Texas Panhandle. Almost all of the South Plains was in severe (D2) drought conditions while the Rolling Plains was mostly in extreme (D3) drought conditions. A portion of Cottle and King Counties remained in exceptional (D4) drought conditions.

A significant rainfall event occurred at the end of May over Memorial Day weekend and this trend continued through the month of June. Much of the region saw at least two inches of rainfall with some locations observing greater than seven inches. By the end of the month, most areas were at or around the average annual rainfall to date. Texas Tech University West Texas mesonet stations near Wolfforth (Lubbock County), Hart (Briscoe County), and Roaring Springs (Motley County) recorded monthly precipitation measurements of 5.65 in., 5.33 in., and 5.25 in., respectively. A cooperative weather observer in Vigo Park (Swisher County) recorded 6.64 inches. The abundant rainfall kept temperatures near seasonal averages through June. Lubbock and Childress were 0.9 and 0.6 degrees above normal, respectively. Lubbock International Airport recorded four days at or above 100 degrees while Childress Municipal Airport observed only two days at or above 100 degrees. Keetch-Byram Drought Index Values markedly improved as well through June. Widespread values between 200 and 400 were observed over much of the area with values between 400 and 500 over the southern South Plains. There were also isolated pockets in the southern Texas Panhandle of less than 200.

Fire weather impacts continued to be low as they normally are going into summer. The beneficial rains have resulted in improvement of farming and ranching conditions across the entire region. Rainfall has eased the need for supplemental irrigation and further need for irrigation is not expected until at least August. Some area farmers reported moisture to a depth of four feet. Area lake levels also improved but still needed a tremendous amount of water to be filled to capacity.

Economic losses due to drought through June since the drought began were estimated near \$3 billion.

(TX-Z040) TERRY

06/05/14 20:13 CST	32K	High Wind (MAX 67 kt)
06/05/14 20:50 CST	0	

Late this evening, the remnants of a high-based thunderstorm tracked across southern Terry County and produced damaging winds with a heat burst. An employee with Lyntegar Electric Cooperative reported at least 16 power poles were toppled from near Wellman northeast toward Brownfield. A Texas Tech University West Texas Mesonet station located two miles south of Brownfield recorded a ten-minute period of severe wind gusts as high as 77 mph. The heat burst that accompanied these damaging winds pushed the temperature from 88 to 96 degrees in the span of ten minutes.

PARMER COUNTY --- 1.0 S FARWELL [34.37, -103.03]

06/06/14 18:25 CST	0	Hail (1.75 in)
06/06/14 18:25 CST	0	Source: Amateur Radio

An amateur radio operator reported golf ball size hail south of Farwell. Damage was unknown.

BAILEY COUNTY --- 2.0 SSW MULESHOE [34.19, -102.74]

06/06/14 18:55 CST	10K	Thunderstorm Wind (MG 51 kt)
06/06/14 18:55 CST	0	Source: Mesonet

The Texas Tech University West Texas Mesonet site in Muleshoe sampled a 59 mph wind gust. In addition, numerous utility poles, power lines, and trees were reported downed near and south of town.

CASTRO COUNTY --- 0.4 SSW DIMMITT [34.54, -102.32], 2.0 NE DIMMITT [34.57, -102.30]

06/06/14 19:40 CST	35K	Thunderstorm Wind (MG 63 kt)
06/06/14 19:45 CST	0	Source: Mesonet

A downburst struck the Dimmitt area with winds as high as 72 mph as measured by a nearby Texas Tech University West Texas Mesonet station. The Dimmitt sheriff's office reported widespread power outages, downed tree limbs and minor roof damage throughout the city.

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CASTRO COUNTY --- 2.2 SE DIMMITT [34.53, -102.29], 1.6 E DIMMITT MUNI ARPT [34.57, -102.29], 1.4 W DIMMITT MUNI ARPT [34.57, -102.35], 1.8 SW DIMMITT [34.53, -102.34]				
	06/06/14 19:40 CST		0	Flood (due to Heavy Rain)
	06/06/14 21:30 CST		0	Source: Law Enforcement
The Dimmitt Sheriff's Office reported extensive flooding of streets and roads in and around Dimmitt.				
CASTRO COUNTY --- 3.0 N HART [34.42, -102.12]				
	06/06/14 20:00 CST		0	Thunderstorm Wind (MG 52 kt)
	06/06/14 20:00 CST		0	Source: Mesonet
Measured by a Texas Tech University West Texas Mesonet station.				
LAMB COUNTY --- 1.0 NE AMHERST [34.03, -102.41]				
	06/06/14 20:00 CST		0	Thunderstorm Wind (MG 53 kt)
	06/06/14 20:00 CST		0	Source: Mesonet
Measured by a Texas Tech University West Texas Mesonet station.				
HOCKLEY COUNTY --- 2.0 WSW LEVELLAND [33.57, -102.40]				
	06/06/14 20:12 CST		2K	Thunderstorm Wind (EG 56 kt)
	06/06/14 20:12 CST		0	Source: Trained Spotter
A storm spotter reported a downed power pole on Highway 114.				
LAMB COUNTY --- 6.0 S OLTON [34.09, -102.13]				
	06/06/14 20:15 CST		0	Thunderstorm Wind (MG 51 kt)
	06/06/14 20:15 CST		0	Source: Mesonet
Measured by a Texas Tech University West Texas Mesonet.				
SWISHER COUNTY --- 2.0 ENE TULIA [34.54, -101.74]				
	06/06/14 20:15 CST		0	Thunderstorm Wind (MG 51 kt)
	06/06/14 20:15 CST		0	Source: Mesonet
Measured by a Texas Tech University West Texas Mesonet station.				
COCHRAN COUNTY --- 8.5 WNW MORTON [33.78, -102.90]				
	06/06/14 20:20 CST		0	Hail (1.00 in)
	06/06/14 20:20 CST		0	Source: Amateur Radio
An amateur radio operator measured quarter size hail about five miles south of Maple. No damage was reported.				
BRISCOE COUNTY --- 7.0 ESE SILVERTON [34.43, -101.19], 5.6 NNW QUITAQUE [34.45, -101.07]				
	06/06/14 21:05 CST		25K	Thunderstorm Wind (MG 60 kt)
	06/06/14 21:17 CST		0	Source: Mesonet
A traveling downburst produced measured wind gusts ranging from 61 mph to 69 mph across southeastern Briscoe County. The Texas Tech University West Texas Mesonet station located southeast of Silverton recorded a peak gust of 61 mph at 905 pm CST and a similar site at Caprock Canyons State Park recorded multiple severe gusts between 905 pm CST and 917 pm CST. Additionally, a NWS COOP observer reported some downed trees and broken power poles throughout far southeastern Briscoe County. At Caprock Canyons State Park, a water plant north of Lake Theo suffered some structural damage and one fence near the maintenance area was damaged.				
HALL COUNTY --- 2.0 WSW TURKEY [34.39, -100.91]				
	06/06/14 21:35 CST		0	Thunderstorm Wind (MG 50 kt)
	06/06/14 21:35 CST		0	Source: Mesonet
Measured by a Texas Tech University West Texas Mesonet station.				
A complex of severe thunderstorms developed in eastern New Mexico ahead of an upper level disturbance and along a surface front. As these storms moved across the Texas and New Mexico state line during the evening hours, several severe wind gusts and subsequent reports of damage were received in the far southern Texas panhandle into the South Plains. In addition, hail as large as golf balls was				

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reported in the far southwestern panhandle.				
FLOYD COUNTY --- 1.0 SSW SOUTH PLAINS [34.21, -101.33], 8.8 SE SOUTH PLAINS [34.14, -101.20]				
	06/07/14 16:54 CST		12K	Hail (2.75 in)
	06/07/14 17:40 CST		0	Source: Public
A supercell produced a swath of golf ball to baseball size hail from near South Plains to Cedar Hill . A few storm spotters received broken windshields and dented body panels from the hail.				
MOTLEY COUNTY --- 4.0 W MATADOR [34.02, -100.89], MATADOR [34.02, -100.82]				
	06/07/14 18:30 CST		15K	Hail (1.75 in)
	06/07/14 19:20 CST		0	Source: Storm Chaser
By early this evening, the same slow-moving supercell that produced very large hail in portions of Floyd County drifted into Motley County. Several reports were received of hail up to golf ball size from about four miles west of Matador extending into the city. Damage was mostly relegated to vehicle dents in Matador.				
YOAKUM COUNTY --- DENVER CITY ARPT [32.97, -102.83], 0.7 N PLAINS [33.19, -102.83]				
	06/07/14 19:22 CST		0	Hail (2.00 in)
	06/07/14 20:00 CST		0	Source: Trained Spotter
Trained spotters and the public reported quarter to hen egg size hail as a supercell thunderstorm tracked from Denver City to Plains . Damage was unknown.				
HOCKLEY COUNTY --- 0.9 NE SUNDOWN [33.46, -102.49], 0.6 E LEVELLAND [33.58, -102.36]				
	06/07/14 20:19 CST		10M	Hail (2.50 in)
	06/07/14 20:45 CST		0	Source: Trained Spotter
A left-moving supercell produced a swath of large hail generally from near Sundown northeast to Levelland. Trained spotters estimated the hail ranged in size from ping pong balls to as large as tennis balls. The worst hail damage was noted in Levelland where many vehicles suffered cracked or shattered windows, particularly at the Covenant hospital. Several homes in Levelland also sustained varying degrees of roof damage including some broken windows.				
BAILEY COUNTY --- 0.9 ENE MULESHOE WARREN ARPT [34.23, -102.69], 6.1 ENE FAIRVIEW [34.12, -102.52]				
	06/07/14 20:46 CST		0.50M	Thunderstorm Wind (EG 78 kt)
	06/07/14 21:10 CST		0	Source: NWS Storm Survey
A strong low-level mesocyclone accompanied by destructive rear flank downdraft (RFD) winds tracked southeastward from Muleshoe to about 12 miles southeast of Muleshoe. Although law enforcement reported a tornado, no definitive evidence of such could be determined from the NWS storm survey conducted in the following days. Combined with direct accounts from storm chasers, the storm survey determined that significant straight line winds were to blame for the majority of damage discovered generally north of Highway 84. Maximum sustained winds were estimated between 80 and 90 mph and created much damage to rural homes, a dairy business, farm equipment, and area power poles. The worst damage was dealt to the Track Dairy where several lightweight structures such as shade canopies were destroyed. At least eight head of cattle perished at this location from collapsing structures and another 30 to 40 were injured. This damage swath ended north of Sudan along Farm-to-Market 303 where a center pivot was overturned.				
BAILEY COUNTY --- 1.4 S MULESHOE [34.20, -102.73], 0.7 N MULESHOE [34.23, -102.73]				
	06/07/14 20:47 CST		0.50M	Hail (1.75 in)
	06/07/14 20:51 CST		0	Source: Law Enforcement
Law enforcement personnel estimated hail of ping pong to golf ball size from Muleshoe to just south of the city. Strong to severe winds accompanying the hail enhanced the hail damage to roofs and sidings of homes, vehicles and windows.				
PARMER COUNTY --- FRIONA [34.63, -102.73]				
	06/07/14 20:51 CST		0	Hail (0.88 in)
	06/07/14 21:15 CST		0	Source: Trained Spotter
A period of small hail was reported in Friona early this night. No damage was noted.				
HOCKLEY COUNTY --- 0.9 NE SUNDOWN [33.46, -102.49], 0.9 SE ANTON [33.81, -102.16]				
	06/07/14 21:00 CST		50K	Hail (2.00 in)
	06/07/14 21:10 CST		0	Source: Trained Spotter

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Following hail damage from a left-moving supercell less than one hour prior, a second left split supercell tracked from Sundown northeast to Levelland and Anton accompanied by a hail swath ranging in size from 1.25 inches in diameter to 2 inches. The extent of additional hail damage is estimated to be less than the first supercell.

BAILEY COUNTY --- 1.5 WNW MULESHOE [34.23, -102.75], 1.3 NNW MULESHOE WARREN ARPT [34.25, -102.71], 1.1 SE MULESHOE WARREN ARPT [34.22, -102.68], 1.0 SSW MULESHOE [34.21, -102.73]

	06/07/14 21:29 CST	0	Flood (due to Heavy Rain)
	06/08/14 23:00 CST	0	Source: Trained Spotter

Many streets in Muleshoe were reported to be covered in water.

LAMB COUNTY --- 1.1 E AMHERST [34.02, -102.40], 4.2 N HART CAMP [34.09, -102.14]

	06/07/14 21:35 CST	26K	Thunderstorm Wind (MG 70 kt)
	06/07/14 21:40 CST	0	Source: Mesonet

Texas Tech University West Texas Mesonet stations measured wind gusts ranging from 58 mph south of Olton to 81 mph near Amherst. Damage was noted to about a dozen power poles and a few dilapidated outbuildings.

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

	06/07/14 21:45 CST	0	Thunderstorm Wind (MG 57 kt)
	06/07/14 21:50 CST	0	Source: Mesonet

A gust to 60 mph was later followed by a gust to 66 mph. These winds were measured by a Texas Tech University West Texas Mesonet station located three miles north of Hart.

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

	06/07/14 21:50 CST	0	Thunderstorm Wind (MG 50 kt)
	06/07/14 21:50 CST	0	Source: Mesonet

Measured by a Texas Tech University West Texas Mesonet station.

CASTRO COUNTY --- 2.0 NE DIMMITT [34.57, -102.30]

	06/07/14 22:10 CST	0	Thunderstorm Wind (MG 56 kt)
	06/07/14 22:15 CST	0	Source: Mesonet

A gust to 64 mph was later followed by a gust to 58 mph. These winds were measured by a Texas Tech University West Texas Mesonet station located two miles northeast of Dimmitt.

HOCKLEY COUNTY --- LEVELLAND [33.58, -102.37]

	06/07/14 22:10 CST	0	Hail (1.75 in)
	06/07/14 22:10 CST	0	Source: Amateur Radio

A third round of destructive hail struck Levelland this night. Golf ball size hail was reported by an amateur radio operator, although the extent of additional hail damage following the previous rounds of storms was unknown.

LUBBOCK COUNTY --- 3.4 WNW WOLFFORTH [33.52, -102.07], 3.8 SSE WOLFFORTH [33.45, -101.99]

	06/07/14 22:10 CST	0	Hail (2.50 in)
	06/07/14 22:30 CST	0	Source: Newspaper

A swath of very large hail up to the size of tennis balls accompanied an intense downburst in the rear flank downdraft of a supercell. Extensive property damage and the associated monetary losses from this wind-driven hail are described in the wind event entry for this storm.

LUBBOCK COUNTY --- 3.4 WNW WOLFFORTH [33.52, -102.07], 3.8 SSE WOLFFORTH [33.45, -101.99]

	06/07/14 22:10 CST	2M	Thunderstorm Wind (EG 65 kt)
	06/07/14 22:30 CST	0	Source: NWS Storm Survey

A downburst on the periphery of a mesocyclone produced estimated wind gusts as high as 75 mph from about three miles west of Wolfforth to four miles southeast of Wolfforth. Several power outages were noted across this swath as at least 34 power poles collapsed. Some areas remained without power for two days until utility crews could replace poles that were previously inaccessible by swollen playa lakes. Wind damage was most prevalent in a subdivision south of Wolfforth where many roofs and fences would require repair or complete replacement. Some north-facing windows were completely shattered by these high winds along with large hail reported to be as big as tennis balls. Various rural residences suffered similar damages. Many tree limbs were downed in addition to some trees being completely uprooted.

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SWISHER COUNTY --- 2.0 ENE TULIA [34.54, -101.74]				
	06/07/14 22:25 CST		0.35M	Thunderstorm Wind (MG 66 kt)
	06/07/14 22:25 CST		10M	Source: Mesonet
A large downburst damaged several power poles across northern Swisher County and blew over a semi-trailer on Interstate 27 near Tulia. It was not known if the driver was injured or not. Also, multiple homes in and around Tulia sustained varying degrees of roof and fence damage. Large swaths of crop damage were also noted to area corn and grain fields, mostly from wind blown sand and dirt.				
LUBBOCK COUNTY --- 6.0 SSW WOLFFORTH [33.42, -102.05], 7.4 S WOLFFORTH [33.39, -102.02]				
	06/07/14 22:30 CST		0.30M	Thunderstorm Wind (MG 83 kt)
	06/07/14 22:45 CST		0	Source: Mesonet
A Texas Tech University West Texas Mesonet station located six miles south-southwest of Wolfforth recorded a period of intense rear flank downdraft winds on the periphery of a mesocyclone. A peak gust of 96 mph occurred at 2230 CST followed by 72 mph at 2235 CST, 67 mph at 2240 CST, and 68 mph at 2245 CST. NWS employees observed damage to trees and power poles particularly along County Road 41 near the mesonet station. Some rural homes throughout far southwest Lubbock County suffered varying degrees of damage, mostly to roofs and fences.				
LUBBOCK COUNTY --- WOLFFORTH [33.50, -102.02], 4.0 W LUBBOCK [33.58, -101.92]				
	06/07/14 22:42 CST		0	Hail (1.00 in)
	06/07/14 22:53 CST		0	Source: COOP Observer
A swath of quarter size hail was reported from Wolfforth to four miles west of Lubbock. This hail diminished in size to nickels about three miles west of Woodrow. Damage, if any, was unknown.				
BRISCOE COUNTY --- 0.9 SE GASOLINE [34.32, -100.99]				
	06/07/14 23:00 CST		12K	Thunderstorm Wind (EG 61 kt)
	06/07/14 23:00 CST		0	Source: Fire Department/Rescue
A section of power lines was damaged about four miles south of Valley Schools. A goat shed nearby was also damaged.				
LUBBOCK COUNTY --- 2.6 SW HURLWOOD [33.54, -102.06], 2.2 S CARLISLE [33.55, -101.96], 1.7 WSW SLIDE [33.41, -101.93], 6.7 SSW WOLFFORTH [33.41, -102.05]				
	06/07/14 23:10 CST		15K	Flood (due to Heavy Rain)
	06/08/14 08:00 CST		0.10B	Source: NWS Employee
Torrential rains resulted in widespread flooding of playa lakes, streets and roads throughout far southwest Lubbock County, or generally from Wolfforth and points south. Roads such as Brownfield Highway and County Roads 179 and 41 had several sections that at times became impassable by car. One sedan was disabled by floodwaters near Farm-to-Market Road 1585 and Brownfield Highway shortly after midnight CST. A daycare school in Wolfforth reported water of two feet deep throughout the building which would necessitate a complete remodeling of the walls and carpeting. The floodwaters gradually receded from area roads by early Sunday morning, although some tertiary roads remained overwhelmed by playa lakes for several days to follow. Damage to recently planted cotton and grain crops was particularly severe as tens of thousands of acres were washed away from the heavy rains and flooding. Area farmers will likely replant with sorghum as the cotton planting deadline had passed. Estimated crop damage and losses due to flooding will likely reach \$100M.				
LYNN COUNTY --- 3.0 NNE TAHOKA [33.22, -101.76]				
	06/07/14 23:15 CST		0	Thunderstorm Wind (MG 53 kt)
	06/07/14 23:25 CST		0	Source: Mesonet
Two gusts to 61 mph were measured by a Texas Tech University West Texas Mesonet station near Tahoka.				
LUBBOCK COUNTY --- 2.0 NE SLATON [33.45, -101.63]				
	06/07/14 23:25 CST		0	Thunderstorm Wind (MG 59 kt)
	06/07/14 23:30 CST		0	Source: Mesonet
A Texas Tech University West Texas Mesonet station northeast of Slaton measured a gust to 68 mph at 2325 CST followed by a gust to 61 mph at 2330 CST.				
GARZA COUNTY --- 1.0 NE POST [33.19, -101.37]				
	06/08/14 00:00 CST		0	Thunderstorm Wind (MG 56 kt)
	06/08/14 00:00 CST		0	Source: Mesonet
Measured by a Texas Tech University West Texas Mesonet station northeast of Post.				

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An outbreak of severe storms affected many locations on the Caprock late this day and through the overnight hours resulting in numerous instances of hail damage, destructive winds and flooding. Several of these storms were supercells and a few even developed organized low level rotation. However, official NWS storm surveys did not find conclusive evidence of tornadic activity, but instead discovered several swaths of intense rear flank downdraft winds that at one point were measured as high as 96 mph. Preliminary estimates indicate that several thousand acres of newly planted cotton and grain crops throughout portions of the South Plains would require replanting following torrential rains and soil erosion. Total property and agricultural losses from this event will likely approach \$250 million.

SWISHER COUNTY --- 6.0 WSW KAFFIR [34.60, -101.92]

	06/08/14 22:00 CST		25K	Thunderstorm Wind (EG 61 kt)
	06/08/14 22:00 CST		0	Source: Emergency Manager

A downburst toppled around one dozen power poles near Farm-to-Market 1424 and Road K northwest of Tulia.

(TX-Z033) COCHRAN, (TX-Z034) HOCKLEY, (TX-Z042) GARZA

	06/09/14 01:40 CST		0	High Wind (MAX 60 kt)
	06/09/14 02:25 CST		0	

A quasi-linear convective system developed this evening across Eastern New Mexico and pushed into the Texas Panhandle before moving across the Rolling Plains. Later into the night, an additional line of thunderstorms developed across Eastern New Mexico and the Southern Texas Panhandle and subsequently merged with the existing line. A preceding gust front developed ahead of this system, producing isolated high wind gusts across portions of the South Plains.

PARMER COUNTY --- 1.3 WNW FRIONA BENDER ARPK [34.66, -102.70]

	06/13/14 18:55 CST		0	Thunderstorm Wind (EG 50 kt)
	06/13/14 18:55 CST		0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet station located two miles northeast of Friona.

BAILEY COUNTY --- 0.7 N MULESHOE [34.23, -102.73]

	06/13/14 19:01 CST		0	Thunderstorm Wind (EG 52 kt)
	06/13/14 19:01 CST		0	Source: Law Enforcement

Estimated by the Bailey County Sheriff's Office.

STONEWALL COUNTY --- 2.7 ENE ASPERMONT [33.17, -100.19]

	06/13/14 23:30 CST		0	Thunderstorm Wind (MG 54 kt)
	06/13/14 23:30 CST		0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet station located three miles northeast of Aspermont.

A squall line developed across Eastern New Mexico during the early evening hours before racing east across West Texas. Severe wind gusts were recorded in the far southwest Texas Panhandle and adjacent South Plains, before the line decreased somewhat in intensity. This line of storms then began bowing out as it pushed into the Rolling Plains, causing another severe burst of wind in Stonewall County.

TERRY COUNTY --- 2.9 E TOKIO [33.18, -102.53]

	06/17/14 18:50 CST		0	Thunderstorm Wind (EG 61 kt)
	06/17/14 18:50 CST		0	Source: Law Enforcement

Law enforcement reported that a semi truck was blown over about 15 miles west of Brownfield along Highway 82. It was not known if the driver was injured.

A severe thunderstorm moved northeast across Terry County accompanied by localized winds estimated as high as 70 mph.

BAILEY COUNTY --- 0.7 N MULESHOE [34.23, -102.73]

	06/18/14 13:36 CST		0	Hail (1.00 in)
	06/18/14 13:36 CST		0	Source: Law Enforcement

The Muleshoe Sheriff's Office estimated quarter size hail in the city. Damage was unknown.

BAILEY COUNTY --- 0.7 N MULESHOE [34.23, -102.73]

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	06/18/14 13:58 CST		0	Hail (1.25 in)
	06/18/14 13:58 CST		0	Source: COOP Observer

A NWS CO-OP observer reported hail of 1.25 inches in diameter in Muleshoe. Damage was unknown.

BAILEY COUNTY --- 3.0 SSE MULESHOE WARREN ARPT [34.19, -102.68]

	06/18/14 14:25 CST		0	Hail (1.00 in)
	06/18/14 14:25 CST		0	Source: Emergency Manager

Hail damage was not known.

LAMB COUNTY --- 0.6 W EARTH [34.23, -102.41]

	06/18/14 15:08 CST		0	Hail (1.00 in)
	06/18/14 15:08 CST		0	Source: Trained Spotter

A trained spotter reported numerous small hailstones covering the ground with some as large as quarters. Damage was unknown.

COCHRAN COUNTY --- LEHMAN [33.62, -102.80]

	06/18/14 15:25 CST	3	0.30M	Hail (1.50 in)
	06/18/14 15:30 CST		0	Source: Broadcast Media

While investigating a fatal plane crash near Lehman, broadcast media reported that a family nearby was caught in a hailstorm while in their car. The family estimated the hail was as large as ping pong balls which caused numerous dents to their vehicle after pulling off the road. NTSB personnel had not yet released the official findings of their study at the time of this publication, but preliminary evidence indicates that the severe thunderstorm contributed to the aircraft mishap which claimed the lives of all three occupants. This information is subject to change pending the results of the NTSB investigation. The value of the 1985 Piper PA-46-310P was estimated at \$300K.

Direct Fatalities: M61OT, M35OT, M51OT

BAILEY COUNTY --- 2.1 WNW MULESHOE [34.23, -102.76], 2.5 N MULESHOE [34.26, -102.73], 2.1 ESE MULESHOE WARREN ARPT [34.22, -102.67], 2.9 SE MULESHOE [34.19, -102.70]

	06/18/14 17:25 CST		0	Flood (due to Heavy Rain)
	06/18/14 19:00 CST		0	Source: Law Enforcement

Law enforcement reported curb to curb flooding in Muleshoe. An eastbound lane of Highway 84 also had one lane under water two miles southeast of the city.

COCHRAN COUNTY --- 0.6 W MORTON COCHRAN CO AR [33.73, -102.74]

	06/19/14 01:30 CST		0	Thunderstorm Wind (MG 54 kt)
	06/19/14 01:30 CST		0	Source: Mesonet

Measured by a Texas Tech University West Texas Mesonet station near Morton.

Following an early morning high wind gust from a decaying shower in Castro County, thunderstorms erupted across the eastern plains of New Mexico this afternoon and produced some instances of severe hail and flooding as they overspread the western South Plains. One of these storms was particularly intense while in Cochran County and may have contributed to a fatal plane mishap near Lehman. Hail as large as ping pong ball size accompanied this storm. All of these storms dissipated by late evening, but one final severe storm developed late in the overnight hours and resulted in a severe wind gust in Cochran County.

PARMER COUNTY --- BOVINA [34.52, -102.90]

	06/19/14 17:25 CST		0	Hail (1.20 in)
	06/19/14 17:25 CST		0	Source: Trained Spotter

Hail slightly larger than quarters was estimated in Bovina. No damage was reported.

LAMB COUNTY --- 4.0 NW LITTLEFIELD [33.96, -102.37]

	06/19/14 17:57 CST		0	Hail (1.00 in)
	06/19/14 17:57 CST		0	Source: Public

The public estimated quarter size hail four miles northwest of Littlefield. No damage was reported.

CASTRO COUNTY --- 3.3 S NAZARETH [34.50, -102.09], 6.8 SE NAZARETH [34.49, -102.01], 0.9 SE HART [34.37, -102.11], 2.1 SE ROSS [34.40, -102.15]

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/19/14 18:15 CST		0	Flood (due to Heavy Rain)
	06/19/14 20:00 CST		0	Source: COOP Observer

A NWS Cooperative observer reported streets in Hart were covered by several inches of water . NWS radar indicated nearly four inches of rain fell between Hart and Nazareth.

HOCKLEY COUNTY --- 2.4 SSE PEP [33.79, -102.56], 4.0 NE WHITHARRAL [33.78, -102.29], 4.7 NNE COBLE [33.66, -102.46], 2.7 NW PETTIT [33.72, -102.57]				
	06/19/14 18:15 CST		0	Flood (due to Heavy Rain)
	06/19/14 20:00 CST		0	Source: Trained Spotter

A trained spotter reported water covering several sections of County Road 303 south of Pep.

HALE COUNTY --- 8.8 SE SETH WARD [34.13, -101.57]				
	06/19/14 19:26 CST		0	Thunderstorm Wind (MG 56 kt)
	06/19/14 19:26 CST		0	Source: Mesonet

Measured by a Texas Tech University West Texas Mesonet station west of Aiken.

LUBBOCK COUNTY --- SHALLOWATER [33.68, -101.98], 0.6 SSE SHALLOWATER ARPT [33.67, -102.00], 1.5 NW SHALLOWATER ARPT [33.70, -102.02], 1.7 NNE SHALLOWATER ARPT [33.70, -101.99]				
	06/19/14 19:30 CST		0	Flood (due to Heavy Rain)
	06/19/14 21:00 CST		0	Source: NWS Employee

A NWS employee reported flooding of some streets in Shallowater.

(TX-Z023) SWISHER, (TX-Z024) BRISCOE				
	06/19/14 21:00 CST		0	High Wind (MAX 55 kt)
	06/20/14 01:05 CST		0	

By late this afternoon, scattered slow moving thunderstorms exited far eastern New Mexico and resulted in a few severe wind and hail reports across portions of the South Plains. As these storms consolidated into a squall line over the central South Plains by early evening, torrential rainfall rates produced some instances of areal flooding. This line of storms quickly decayed east of the Caprock Escarpment, but still managed to produce some severe wind gusts. During the overnight hours, a lone rain shower produced a high wind gust near Silverton.

PARMER COUNTY --- 1.3 WNW FRIONA BENGER ARPK [34.66, -102.70]				
	06/23/14 00:00 CST		0	Thunderstorm Wind (MG 56 kt)
	06/23/14 00:00 CST		0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet station near Friona.

HALL COUNTY --- 0.9 NW MEMPHIS MUNI ARPT [34.74, -100.53]				
	06/23/14 00:05 CST		0	Thunderstorm Wind (MG 52 kt)
	06/23/14 00:05 CST		0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet station near Memphis.

CASTRO COUNTY --- 3.5 N HART [34.43, -102.11]				
	06/23/14 00:50 CST		0	Thunderstorm Wind (MG 56 kt)
	06/23/14 00:50 CST		0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet station near Hart.

CHILDRESS COUNTY --- 1.7 NW CHILDRESS [34.44, -100.22]				
	06/23/14 00:56 CST		1K	Thunderstorm Wind (EG 52 kt)
	06/23/14 00:56 CST		0	Source: Utility Company

A few power lines were damaged on the west side of Childress . A nearby Texas Tech University West Texas mesonet station measured a gust to 57 mph at 0155 CST.

HALE COUNTY --- 8.8 SE SETH WARD [34.13, -101.57]				
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Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/23/14 01:33 CST		0	Thunderstorm Wind (MG 52 kt)
	06/23/14 01:35 CST		0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet station near Aiken. A second 60 mph gust was measured by this station at 0135 CST.

CROSBY COUNTY --- 6.5 SSE CROSBYTON MUNI ARPT [33.54, -101.17]

	06/23/14 02:30 CST		0	Thunderstorm Wind (MG 53 kt)
	06/23/14 02:30 CST		0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet station near White River Lake.

A line of severe thunderstorms moved south across the Texas Panhandle around midnight CST accompanied by occasional severe wind gusts. The overall intensity of these storms by this time was much less compared to earlier in the night when winds in excess of 90 mph were measured farther north near Pampa. As this line of storms began decaying in the Rolling Plains, a final severe wind gust was observed in southeastern Crosby County.

KENT COUNTY --- 2.0 W JAYTON [33.25, -100.61]

	06/25/14 20:19 CST		0	Hail (1.75 in)
	06/25/14 20:19 CST		0	Source: Law Enforcement

The Sheriff's office in Kent County reported a brief period of golf ball size hail just west of Jayton. No damage was reported.

Isolated thunderstorms developed over the southern Rolling Plains on the evening of the 25th. One of these storms became severe over Kent County producing hail up to the size of golf balls.

HALE COUNTY --- PETERSBURG [33.87, -101.60]

	06/27/14 17:20 CST		0	Hail (1.50 in)
	06/27/14 17:20 CST		0	Source: Public

A citizen reported ping pong ball size hail in Petersburg.

FLOYD COUNTY --- MC COY [33.87, -101.43], FLOYDADA [33.98, -101.33]

	06/27/14 17:55 CST		0	Hail (1.75 in)
	06/27/14 18:50 CST		0.25M	Source: Fire Department/Rescue

Local fire department officials reported hail up to golf ball size in Floydada. Additionally, a COOP Observer and citizen near Floydada reported severe cotton crop damage caused by ping pong ball size hail from McCoy through Floydada. Crop damage was estimated to be in the hundreds of thousands of dollars.

HALL COUNTY --- MEMPHIS [34.72, -100.53]

	06/27/14 21:47 CST		0	Hail (1.00 in)
	06/27/14 21:47 CST		0	Source: Law Enforcement

Local law enforcement officials observed quarter size hail in Memphis.

A rather sharp early summertime dryline took shape on the Caprock this afternoon and evening as a strengthening upper level disturbance swung through the Southern Plains. Large hail was observed from Petersburg to Floydada and up into Memphis, with extensive cotton crop damage in southern Floyd County.