

Storm Data and Unusual Weather Phenomena - September 2010

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

TERRY COUNTY --- 2.0 S BROWNFIELD [33.15, -102.28], BROWNFIELD [33.18, -102.28]

09/01/10 14:45 CST		50K	Thunderstorm Wind (MG 51 kt)
09/01/10 14:45 CST		0	Source: Mesonet

Skywarn spotters reported that thunderstorm winds downed large branches. A dead tree reportedly was downed onto the roof of a home. In addition, a tin roof was partially removed from a business. The Texas Tech University West Texas Mesonet site south of town measured a peak wind gust of 59 mph.

HALL COUNTY --- BRICE [34.70, -100.88]

09/01/10 17:00 CST		20K	Thunderstorm Wind (EG 56 kt)
09/01/10 17:00 CST		0	Source: Law Enforcement

Hall County law enforcement officials reported that thunderstorm winds downed utility poles at Brice.

HALL COUNTY --- ESTELLINE [34.55, -100.43]

09/01/10 17:55 CST		75K	Thunderstorm Wind (EG 56 kt)
09/01/10 17:55 CST		0	Source: Law Enforcement

Local officials reported that a portion of the roof was blown off of the Estelline City Hall by damaging thunderstorm winds. No additional structural damage was reported and no injuries were reported.

Isolated to scattered thunderstorms impacted portions of the western South Plains and the extreme southern Texas Panhandle during the afternoon and evening hours of the 1st. Some of the storms were efficient wind producers, and localized wind damage was observed. The hardest hit areas included Brownfield (Terry County) and Estelline (Hall County) where light structural damages occurred. No injuries were reported.

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Thunderstorm winds caused extensive damage to the Estelline (Hall County) City Hall shortly before 18:00 CST on the 1st. Photo courtesy: Rene Miller via the Childress County Index.

BRISCOE COUNTY --- 8.0 NW QUITAQUE [34.45, -101.15], 7.0 ESE SILVERTON [34.43, -101.19]

09/02/10 15:39 CST

0

Thunderstorm Wind (MG 54 kt)

09/02/10 15:40 CST

0

Source: Mesonet

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Law enforcement officials reported small hail accompanied by thunderstorm winds estimated in excess of 60 mph along Farm to Market Road 256 east of Silverton at 15:39 CST. The report was confirmed at 15:40 CST when the Texas Tech University West Texas Mesonet site located near Texas Highway 86 between Silverton and Quitaque recorded a 62 mph gust. No damage was reported.

LUBBOCK COUNTY --- 2.0 NW LUBBOCK [33.60, -101.87], 3.0 E WOLFFORTH [33.50, -101.97]

09/02/10 16:29 CST			10K	Hail (1.25 in)
09/02/10 16:41 CST			0	Source: Emergency Manager

A severe thunderstorm developed over northwest Lubbock and produced a swath of large hail and damaging winds as it moved south-southwestward over portions of the city. Quarter size hail was initially reported at 16:29 CST at the intersection of U.S. Highway 84 and the north Loop 289. Multiple reports of quarter to half dollar size hail were received as the storm impacted southwest Lubbock subdivisions around 16:40 CST. Wind blown hail reportedly shattered windows in at least one residence. Minor damages to vehicles were additionally reported.

LUBBOCK COUNTY --- 4.0 SW LUBBOCK [33.54, -101.90], 3.0 E WOLFFORTH [33.50, -101.97]

09/02/10 16:40 CST			0.10M	Thunderstorm Wind (EG 61 kt)
09/02/10 16:41 CST			0	Source: NWS Storm Survey

Local emergency managers and National Weather Service meteorologists estimated thunderstorm winds to be in excess of 60 mph to 70 mph over portions of southwest Lubbock around 16:40 CST. The winds were accompanied by large hail. Numerous reports were received of downed fences and trees. A trampoline was lofted by the winds and blown a considerable distance. Structural damage were minor, but wind blown hail shattered windows in at least one residence. No injuries were reported.

HALL COUNTY --- 2.0 WSW TURKEY [34.39, -100.91]

09/02/10 17:05 CST			0	Thunderstorm Wind (MG 50 kt)
09/02/10 17:05 CST			0	Source: Mesonet

A thunderstorm wind gust of 58 mph was recorded by the Texas Tech University West Texas Mesonet site near Turkey shortly after 17:00 CST. No damage was reported.

FLOYD COUNTY --- 9.0 SSE FLOYDADA [33.86, -101.27]

09/02/10 17:48 CST			0	Hail (0.88 in)
09/02/10 17:48 CST			0	Source: COOP Observer

A National Weather Service cooperative observer reported that nickel size hail covered the ground along Farm to Market Road 651 southeast of Floydada. The hail was reportedly accompanied by thunderstorm winds estimated to exceed 60 mph.

FLOYD COUNTY --- 9.0 SSE FLOYDADA [33.86, -101.27]

09/02/10 17:48 CST			0	Thunderstorm Wind (EG 52 kt)
09/02/10 17:48 CST			0	Source: COOP Observer

A National Weather Service cooperative observer reported that thunderstorm winds estimated to be in excess of 60 mph accompanied nickel size hail along Farm to Market Road 651 southeast of Floydada. The hail reportedly covered the ground. No damages were reported.

LUBBOCK COUNTY --- 2.0 NE LUBBOCK [33.60, -101.83], 4.0 NW LUBBOCK [33.62, -101.90]

09/02/10 18:48 CST			20K	Thunderstorm Wind (EG 52 kt)
09/02/10 18:53 CST			0	Source: Law Enforcement

Multiple reports of wind damage were received as a second severe storm impacted the Lubbock vicinity. A severe storm backbuilt over north Lubbock from the northeastern portions of the county and southeastern Hale County shortly before 19:00 CST. At 18:43 CST the Lubbock Police Department reported that winds had downed several utility lines in the north-central portions of the city. At 18:48 CST, the National Weather Service's and Texas Tech University's Atmospheric Science Department's Blue Norther' softball team reported that thunderstorm winds estimated in excess of 60 mph struck the Burl Huffman Sports Complex in northwest Lubbock. By 18:53 CST, law enforcement officials reported that utility poles were downed by the winds in northeast Lubbock. No significant structural damage or injuries were reported.

HALE COUNTY --- ABERNATHY [33.83, -101.85]

09/02/10 18:50 CST			0	Thunderstorm Wind (EG 52 kt)
09/02/10 18:50 CST			0	Source: Law Enforcement

Law enforcement officials reported that thunderstorm winds blew down road signs along Interstate 27 near Abernathy.

Scattered thunderstorms developed over the South Plains of west Texas and the Texas Panhandle during the afternoon and early evening hours of the 2nd. The storms developed in an environment that was particularly favorable for downbursts. A number of storms became severe and produced large hail and locally damaging winds. The city of Lubbock (Lubbock County) was struck by two individual severe storms. One storm produced a swath of damaging winds and hail over neighborhoods of southwest Lubbock around

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16:30 CST. A subsequent storm impacted the northern portions of the city before 19:00 CST and also resulted in minor damages.

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[REDACTED]				

Tree and utility damage was common in southwest Lubbock following damaging winds and hail that accompanied a severe thunderstorm during the afternoon hours of the 2nd. Photo courtesy: Jody James - National Weather Service - Lubbock, Texas.

LAMB COUNTY --- 6.0 S OLTON [34.09, -102.13]

09/09/10 15:25 CST	0	Thunderstorm Wind (MG 56 kt)
09/09/10 15:25 CST	0	Source: Mesonet

The Texas Tech University West Texas Mesonet site south of Olton recorded a thunderstorm wind gust of 65 mph. No damages were reported.

FLOYD COUNTY --- 1.0 S FLOYDADA [33.97, -101.33], 8.0 E FLOYDADA [33.98, -101.19]

09/09/10 20:15 CST	15K	Thunderstorm Wind (EG 56 kt)
09/09/10 20:25 CST	0.10M	Source: Law Enforcement

At 20:15 CST, local law enforcement officials estimated that thunderstorm wind gusts exceeded 65 mph in Floydada. A National Weather Service survey team found a swath of wind damage from immediately south of Floydada to approximately eight miles east of town along U.S. Highway 62/70. Large sections of corn were reportedly blown over by the winds and several utility poles were snapped.

Isolated to scattered thunderstorms developed over the South Plains of west Texas during the afternoon and evening hours of the 9th. A few of these storms produced localized severe wind gusts up to 65 mph that were measured by the Texas Tech University West Texas Mesonet and reported by local law enforcement officials. Minor damages to crops and utilities resulted in Floyd County.

CHILDRESS COUNTY --- 2.0 S TELL [34.34, -100.38]

09/16/10 16:20 CST	0	Hail (1.00 in)
09/16/10 16:20 CST	0	Source: Public

The public reported quarter size hail near Tell.

CHILDRESS COUNTY --- 2.0 S TELL [34.34, -100.38], 2.0 E TELL [34.37, -100.34]

09/16/10 16:20 CST	0	Heavy Rain
09/16/10 17:15 CST	0	Source: Emergency Manager

A local emergency manager reported that heavy rain caused water to fill bar ditches along Farm to Market Roads 94 and 658 near Tell. Ponding water rose out of the bar ditches and covered portions of those roadways during the storm, but receded before 17:30 CST.

SWISHER COUNTY --- 10.0 NE TULIA [34.63, -101.65], 3.9 NE EUNICE [34.52, -101.70]

09/16/10 16:30 CST	30K	Thunderstorm Wind (EG 52 kt)
09/16/10 16:49 CST	0	Source: COOP Observer

A severe thunderstorm produced a swath of damaging winds from near Vigo Park to just east of Tulia between 16:30 CST and 16:50 CST. A National Weather Service cooperative observer reported that thunderstorm winds downed four utility poles west of Vigo Park along Farm to Market Road 146 at approximately 16:30 CST. By 16:49 CST, a storm spotter reported that a utility pole had been blown down along U.S. Highway 86 east of Tulia.

KING COUNTY --- 11.4 SSE GUTHRIE [33.46, -100.28]

09/16/10 19:07 CST	1K	Thunderstorm Wind (EG 52 kt)
09/16/10 19:07 CST	0	Source: Public

The public reported that thunderstorm winds blew over and destroyed a large chimney at a ranch house along U.S. Highway 83 south of Guthrie.

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

09/16/10 20:25 CST	0	Heavy Rain
09/16/10 21:00 CST	0	Source: Law Enforcement

Heavy rainfall resulted in ponding of water over many Jayton city streets. Ponding also was briefly observed over portions of Texas Highway 70 in town.

STONEWALL COUNTY --- ASPERMONT [33.15, -100.23]

09/16/10 22:00 CST	0	Heavy Rain
09/16/10 22:30 CST	0	Source: Law Enforcement

Heavy rainfall resulted in shallow ponding of water over several city streets.

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(TX-Z035) LUBBOCK				
	09/17/10 00:59 CST		0	High Wind (MAX 50 kt)
	09/17/10 00:59 CST		0	
LUBBOCK COUNTY --- 2.1 S DOUD [33.54, -101.93], 4.9 W LUBBOCK AIRPARK [33.49, -101.90]				
	09/23/10 15:10 CST		10K	Heavy Rain
	09/23/10 15:25 CST		0	Source: Law Enforcement
LUBBOCK COUNTY --- 4.8 SSE DOUD [33.51, -101.90], 3.7 WNW LUBBOCK AIRPARK [33.51, -101.87]				
	09/24/10 15:35 CST		0	Heavy Rain
	09/24/10 15:55 CST		0	Source: Law Enforcement
CROSBY COUNTY --- CROSBYTON [33.67, -101.25]				
	09/25/10 11:00 CST		0	Heavy Rain
	09/25/10 16:00 CST		0	Source: Newspaper

Scattered thunderstorms developed and moved southward from the Texas Panhandle during the late afternoon and evening of the 16th. Some of these storms, which eventually evolved into multiple convective complexes, produced locally damaging winds and heavy rainfall.

Scattered showers and thunderstorms developed over the South Plains during the afternoon hours of the 23rd, 24th and 25th. This convection occurred beneath a tropical moisture plume that was associated with the remnants of former Pacific Tropical Storm "Georgette". Localized heavy tropical downpours accompanied the stronger storms. One such storm impacted southwest Lubbock shortly before 15:30 CST on the 23rd. Rainfall amounts totaling between a half inch and an inch reportedly fell over southwest Lubbock neighborhoods in the span of only fifteen minutes. Rain waters ponded a foot high in two intersections and resulted in stalled vehicles along 98th Street at Slide and Indiana Avenues. A second storm with similar rain totals occurred shortly before 16:00 CST on the 24th. As a result, ponding water reportedly covered a portion of the 5100 block of 82nd Street. Additional showers and storms over the eastern South Plains resulted in nearly three and a half inches of rainfall in a six hour period over portions of Crosby County during the afternoon of the 25th, where ponding water filled many Crosbyton city streets.