

Storm Data and Unusual Weather Phenomena - August 2010

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

TEXAS, South Panhandle

SWISHER COUNTY --- HAPPY [34.73, -101.85], 1.0 SSE HAPPY [34.72, -101.84]

	08/04/10 16:13 CST		0	Hail (1.00 in)
	08/04/10 16:19 CST		0	Source: Fire Department/Rescue

The public initially reported quarter size hail in Happy at 16:13 CST. The Happy Fire Department additionally reported quarter size hail along Interstate 27 south of Happy as the storm continued to move southward at 16:19 CST.

Scattered convection developed over the southern Texas Panhandle and the northwestern South Plains during the late afternoon hours of the 4th. A storm became severe and produced large hail near Happy (Swisher County). No damage was reported.

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

	08/05/10 18:58 CST		0	Thunderstorm Wind (MG 52 kt)
	08/05/10 18:58 CST		0	Source: Mesonet

The KVII-TV Schoolnet measured a 60 mph thunderstorm wind gust in Friona shortly before 19:00 CST. No damages were reported.

Scattered thunderstorms developed and moved over the extreme southwestern Texas Panhandle during the late evening hours of the 5th. One storm became severe and produced a localized wind gust measured up to 60 mph at Friona (Parmer County).

MOTLEY COUNTY --- 6.0 NNW MATADOR [34.10, -100.86]

	08/09/10 17:40 CST		10K	Thunderstorm Wind (EG 56 kt)
	08/09/10 17:40 CST		0	Source: Fire Department/Rescue

The Matador Fire Department reported that thunderstorm winds downed several utility lines along Texas Highway 70 north of Matador.

Scattered thunderstorms developed over the eastern South Plains and the Rolling Plains of west Texas during the late afternoon and early evening hours of the 9th. An isolated storm became severe and produced damaging winds in northern Motley County.

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

	08/16/10 21:00 CST		0	Thunderstorm Wind (MG 50 kt)
	08/16/10 21:00 CST		0	Source: Mesonet

The Texas Tech University West Texas Mesonet site near Turkey measured a thunderstorm wind gust of 58 mph at 21:00 CST. No damage was reported.

FLOYD COUNTY --- 4.0 SSW FLOYDADA [33.93, -101.35], 3.4 S FLOYDADA [33.93, -101.33]

	08/16/10 21:15 CST		0	Thunderstorm Wind (EG 56 kt)
	08/16/10 21:20 CST		0.10M	Source: Mesonet

A damage survey conducted by meteorologists from the Texas Tech University West Texas Mesonet revealed a swath of damage in agricultural fields south of Floydada and east of Texas Highway 207. Large corn stocks were completely blown down by thunderstorm winds.

HALE COUNTY --- 8.0 W ABERNATHY [33.83, -101.99], ABERNATHY [33.83, -101.85]

	08/16/10 22:10 CST		20K	Thunderstorm Wind (EG 61 kt)
	08/16/10 22:29 CST		0	Source: Public

Thunderstorm winds caused significant damage to a farmstead west of Abernathy around 22:10 CST. At least three light weight metal barns were heavily damaged or destroyed. By 22:29 CST, the public estimated thunderstorm wind gusts in excess of 60 mph in Abernathy.

Scattered thunderstorms developed along a stalled surface boundary over the extreme southwestern Panhandle during the late afternoon hours of the 16th. A few of these initial storms displayed supercellular characteristics, but remained over open range land and no reports of severe weather were received. Later in the evening, the activity grew up-scale and spread east and southeastward over the northern South Plains. A small complex of storms resulted in an intermittent swath of damaging winds over portions of Hale and Floyd Counties.

Storm Data and Unusual Weather Phenomena - August 2010

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



Several large metal barns and agricultural shelters were destroyed by thunderstorm winds at a farmstead in southwestern Hale County during the late evening hours of the 16th. Photo courtesy: Jennifer Ranger.

LUBBOCK COUNTY --- 1.0 NW IDALOU [33.68, -101.69], IDALOU [33.67, -101.68]

08/17/10 16:42 CST	0		Thunderstorm Wind (EG 52 kt)
08/17/10 16:50 CST	0		Source: Law Enforcement

A thunderstorm produced a swath of damaging winds from just northwest of Idalou along Farm to Market Road 1729 to Idalou. A large tree was reportedly blown down along that highway at 16:42 CST. Around 16:50 CST local authorities and the public estimated thunderstorm winds in excess of 60 mph in Idalou. Numerous large tree limbs were downed in the city.

GARZA COUNTY --- SOUTHLAND [33.35, -101.55]

08/17/10 17:12 CST	0		Thunderstorm Wind (EG 52 kt)
08/17/10 17:12 CST	0		Source: COOP Observer

A National Weather Service cooperative observer estimated thunderstorm winds in excess of 60 mph in Southland. The winds were reportedly accompanied by a "wall of dust". No damages were reported.

CHILDRESS COUNTY --- CHILDRESS [34.42, -100.20]

08/17/10 18:15 CST	1K		Thunderstorm Wind (EG 52 kt)
08/17/10 18:15 CST	0		Source: Law Enforcement

Local law enforcement officials reported that thunderstorm winds blew a deer stand across the parking lot of a business and across U.S. Highway 287.

Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
COTTLE COUNTY --- 5.0 S PADUCAH [33.95, -100.30]				
	08/17/10 19:20 CST		20K	Thunderstorm Wind (EG 52 kt)
	08/17/10 19:20 CST		0	Source: Fire Department/Rescue

The Paducah Fire Department reported that thunderstorm winds downed utility lines along U.S. Highway 83 south of Paducah.

STONEWALL COUNTY --- 3.0 NE ASPERMONT [33.18, -100.19], 4.1 ESE ASPERMONT [33.13, -100.17]				
	08/17/10 21:20 CST		25K	Thunderstorm Wind (MG 67 kt)
	08/17/10 21:20 CST		0	Source: County Official

The Texas Tech University West Texas Mesonet recorded a peak thunderstorm wind gust of 77 mph at 21:20 CST. The Stonewall County Judge reported that the winds downed several utility poles just east of Aspermont, and that electrical power was lost at several residences through the night.

Scattered showers and thunderstorms developed over the central and eastern South Plains of west Texas, as well as over the eastern Panhandle, during the late afternoon and early evening hours of the 17th. Some of these storms became severe and produced damaging winds. By late evening, a complex of convection evolved and tracked southeastward over the southern Rolling Plains. This convection resulted in wind gusts as high as 77 mph which caused damage near Aspermont (Stonewall County).

TERRY COUNTY --- BROWNFIELD [33.18, -102.28], 2.0 S BROWNFIELD [33.15, -102.28]				
	08/20/10 17:14 CST		0	Thunderstorm Wind (MG 61 kt)
	08/20/10 17:20 CST		0	Source: Mesonet

A Skywarn storm spotter reported thunderstorm winds estimated to exceed 60 mph in Brownfield between 17:14 CST and 17:18 CST. By 17:20 CST, the Texas Tech University West Texas Mesonet site just south of Brownfield measured a peak gust of 70 mph. No damages were reported.

A small convective complex evolved over the southwestern South Plains during the late afternoon and early evening hours of the 20th. These storms produced wind gusts between 60 mph and 70 mph near Brownfield (Terry County).