

## Storm Data and Unusual Weather Phenomena - July 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>TEXAS, South Panhandle</b>				
<b>TERRY COUNTY --- BROWNFIELD [33.18, -102.28]</b>				
	07/03/08 19:32 CST		1K	Thunderstorm Wind (MG 43 kt)
	07/03/08 19:32 CST		0	Source: Broadcast Media
<p>A thunderstorm produced winds that blew down a portion of a fence in Brownfield shortly after 19:30 CST. A nearby Texas Tech University West Texas Mesonet station recorded a peak gust of 50 mph. No other reports of damage were received.</p>				
<b>HOCKLEY COUNTY --- ROUNDUP [33.77, -102.10]</b>				
	07/12/08 13:56 CST		0	Hail (0.75 in)
	07/12/08 13:56 CST		0	Source: Public
<p>The public reported penny size hail along U.S. Highway 84 in Roundup.</p>				
<b>LUBBOCK COUNTY --- 5.0 N LUBBOCK [33.65, -101.85], 7.0 NNE LUBBOCK [33.67, -101.80]</b>				
	07/12/08 14:15 CST		0	Hail (1.75 in)
	07/12/08 14:28 CST		0	Source: Broadcast Media
<p>Multiple reports of large hail were received from areas in north Lubbock. At 14:15 CST, golfball size hail was initially reported at the Lubbock Country Club. Later reports indicated that hail up to the size of nickels accompanied the storm as it moved east across Interstate 27 and the Lubbock Preston Smith International Airport. No significant damages were reported.</p>				
<b>LUBBOCK COUNTY --- 2.0 NE SLATON [33.45, -101.63]</b>				
	07/12/08 15:25 CST		0	Thunderstorm Wind (MG 53 kt)
	07/12/08 15:25 CST		0	Source: Mesonet
<p>A Texas Tech University West Texas Mesonet site near Slaton recorded a severe thunderstorm gust of 61 mph at 15:25 CST. A number of gustnadoes additionally developed along the storm's outflow boundary. No damage was reported.</p>				
<b>GARZA COUNTY --- SOUTHLAND [33.35, -101.55]</b>				
	07/12/08 15:29 CST		0	Thunderstorm Wind (EG 52 kt)
	07/12/08 15:29 CST		0	Source: COOP Observer
<p>A National Weather Service cooperative observer estimated thunderstorm wind gusts up to 60 mph in Southland. No damages were reported.</p>				
<b>GARZA COUNTY --- 8.3 ENE JUSTICEBURG [33.08, -101.07]</b>				
	07/12/08 17:05 CST		0	Thunderstorm Wind (MG 52 kt)
	07/12/08 17:05 CST		0	Source: Mesonet
<p>A Texas Tech University West Texas Mesonet station recorded a peak thunderstorm wind gust of 60 mph near Lake Alan Henry. No damage was reported.</p>				
<b>STONEWALL COUNTY --- 5.0 W SWENSON [33.22, -100.41]</b>				
	07/12/08 18:15 CST		20K	Thunderstorm Wind (EG 61 kt)
	07/12/08 18:20 CST		5K	Source: Broadcast Media
<p>The broadcast media relayed reports of thunderstorm wind damage to a farmstead in western Stonewall County during the evening of the 12th. A hay barn was destroyed and a grain silo sustained minor damage along U.S. Highway 82 west of Swenson. Event times are estimated based on archived Doppler radar imagery.</p> <p>Scattered thunderstorms erupted along a surface boundary over the central South Plains of west Texas during the afternoon hours of the 12th. A few of the initial storms produced large hail up to the size of golfballs. Thunderstorm outflows eventually congealed to result in isolated severe wind gusts. These winds damaged a farmstead in western Stonewall County shortly after 18:00 CST. A number of well-developed gustnadoes were observed along the leading edge of the thunderstorm outflow.</p>				
<b>HALL COUNTY --- 2.0 WSW TURKEY [34.39, -100.91]</b>				
	07/27/08 17:05 CST		0	Thunderstorm Wind (MG 63 kt)
	07/27/08 17:05 CST		0	Source: Mesonet

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<p>An apparent microburst occurred southwest of Turkey shortly after 17:00 CST. The Texas Tech University West Texas Mesonet site just west-southwest of town measured a peak gust of 73 mph at 17:05 CST. The Turkey Fire Department reported gusts between 40 and 50 mph in town. No significant damage was reported, but a damage survey conducted by meteorologists from the Texas Tech University West Texas Mesonet found a large tree branch which was blown down by the winds.</p>				

**MOTLEY COUNTY --- 10.0 E MATADOR [34.02, -100.65]**

07/27/08 18:30 CST	15K	Thunderstorm Wind (EG 56 kt)
07/27/08 18:30 CST	0	Source: Utility Company

Severe thunderstorm winds blew down several utility poles along U.S. Highway 62/70 east of Matador. Power outages resulted with an unknown number of rural customers affected.

**MOTLEY COUNTY --- 3.0 N ROARING SPGS [33.94, -100.85]**

07/27/08 21:10 CST	0	Thunderstorm Wind (MG 53 kt)
07/27/08 21:10 CST	0	Source: Mesonet

The Texas Tech University West Texas Mesonet measured a 61 mph downburst wind gust as an otherwise weak convective shower impacted southern Motley County. No damage was reported.

**Isolated thunderstorms developed over the extreme southeastern Texas Panhandle and the Rolling Plains of West Texas during the late afternoon and evening hours of the 27th. These storms initiated after daytime high temperatures soared into the 100 to 105 degree range. The hot temperatures contributed to a deeply mixed boundary layer, and this created conditions for storms capable of producing localized damaging wind gusts. Thunderstorm downbursts resulted in damaged utility poles in Motley County. The Texas Tech University West Texas Mesonet station recorded a peak wind gust of 73 mph near Turkey.**

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

07/28/08 20:15 CST	0.15M	Thunderstorm Wind (EG 56 kt)
07/28/08 20:25 CST	0	Source: Newspaper

A local newspaper reported that thunderstorm winds caused significant damage to metal structures and light weight buildings in the Memphis vicinity. The roof was blown off of a large cotton warehouse. Another metal storage facility failed in the winds, with the roof and one wall blown off of the structure. A number of car windows were additionally blown out at a local business. No injuries were reported.

**Thunderstorms produced localized damaging wind gusts in the Memphis vicinity (Hall County). A number of tin and light weight metal structures sustained damage and a few automobile windows were shattered.**