

Storm Data and Unusual Weather Phenomena - September 2009

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

LUBBOCK COUNTY --- (LBB)LUBBOCK INTL AR [33.67, -101.82]				
	09/08/09 05:27 CST	0		Thunderstorm Wind (MG 53 kt)
	09/08/09 05:27 CST	0		Source: ASOS

A thunderstorm wind gust of 61 mph was measured by the Automated Surface Observing System at Lubbock's Preston Smith International Airport just before 05:30 CST. No damage was reported.

A round of early morning thunderstorms impacted portions of the central South Plains on the 8th. A localized severe wind gust was measured at Lubbock's Preston Smith International Airport.

CHILDRESS COUNTY --- 2.0 NNE CHILDRESS [34.45, -100.19]				
	09/08/09 17:05 CST	0		Thunderstorm Wind (MG 58 kt)
	09/08/09 17:05 CST	0		Source: Mesonet

The Texas Tech University West Texas Mesonet site near Childress recorded a 67 mph thunderstorm wind gust at 17:05 CST. No damage was reported.

Thunderstorms impacted portions of the South Plains and the Texas Panhandle during the late afternoon and early evening of the 8th. An isolated severe thunderstorm produced a 67 mph wind gust near Childress as measured by the Texas Tech University West Texas Mesonet. No damage was reported.

LUBBOCK COUNTY --- 1.5 NE DOUD [33.59, -101.91]				
	09/09/09 15:45 CST	0		Thunderstorm Wind (EG 52 kt)
	09/09/09 15:45 CST	0		Source: Public

A local construction company reported that thunderstorm winds caused minor roof damage to a structure in northwest Lubbock. The winds were accompanied by small hail. No injuries were reported.

Scattered thunderstorms developed over the South Plains region of west Texas during the afternoon hours of the 9th. Winds associated with a storm over northwest Lubbock (Lubbock County) caused minor roof damage to a structure.

(TX-Z021) PARMER				
	09/21/09 17:10 CST	0		High Wind (MAX 53 kt)
	09/21/09 17:58 CST	0		

PARMER COUNTY --- 2.0 NE FRIONA [34.65, -102.71], 2.0 NE LAZBUDDIE [34.40, -102.60]				
	09/21/09 17:26 CST	0		Thunderstorm Wind (MG 58 kt)
	09/21/09 17:58 CST	0		Source: Mesonet

A 67 mph wind gust was measured by the Texas Tech University West Texas Mesonet site near Friona at 17:26 CST. This gust, which occurred within an area of ambient high winds in the wake of a passing cold front, was enhanced by convection that displayed a bow-shaped radar echo and strong mesocyclone. This small linear thunderstorm segment subsequently resulted in a 65 mph wind gust near Lazbuddie as reported by the KVII-TV Schoolnet. No damage was reported.

BAILEY COUNTY --- 2.0 SSW MULESHOE [34.19, -102.74]				
	09/21/09 18:00 CST	0		Thunderstorm Wind (MG 53 kt)
	09/21/09 18:00 CST	0		Source: Mesonet

Thunderstorms continued to enhance ambient winds immediately north of a passing cold front over portions of Bailey County. At 18:00 CST, the Texas Tech University West Texas Mesonet site near Muleshoe recorded a 61 mph gust. No damage was reported.

TERRY COUNTY --- 2.0 S BROWNFIELD [33.15, -102.28]				
	09/21/09 23:40 CST	0		Thunderstorm Wind (MG 50 kt)
	09/21/09 23:40 CST	0		Source: Mesonet

Severe thunderstorms continued to develop along and north of a strong cold frontal passage over the western portions of the South Plains during the late evening hours of the 21st. The Texas Tech University West Texas Mesonet recorded a 58 mph thunderstorm wind gust near Brownfield at 23:40 CST. No damage was reported.

A strong cold front pushed southward over the South Plains region of west Texas during the evening hours of the 21st. Pressure gradients associated with the frontal passage initially resulted in wind gusts around 60 mph over portions of Parmer County per the Texas Tech University West Texas Mesonet between 17:10 CST and 17:25 CST. However, convection which initially developed along the

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front, pushed eastward over the western South Plains. This thunderstorm activity enhanced the post frontal winds and resulted in intermittent gusts measured up to 67 mph over portions of Parmer, Bailey, and Terry Counties until almost midnight CST. No significant damages were reported.

SWISHER COUNTY --- 2.0 ENE TULIA [34.54, -101.74]

09/25/09 18:10 CST	0	Thunderstorm Wind (MG 53 kt)
09/25/09 18:10 CST	0	Source: Mesonet

The Texas Tech University West Texas Mesonet site near Tulia recorded a thunderstorm wind gust of 61 mph shortly after 18:00 CST. These winds occurred as outflow spread well south of the parent thunderstorm, which was located nearly ten miles to the northeast. No damage was reported.

Scattered thunderstorms impacted portions of the southern Texas Panhandle and the northern South Plains of west Texas during the evening hours of the 25th. An isolated storm resulted in a severe wind gust near Tulia (Swisher County). No damage was reported.