

Storm Data and Unusual Weather Phenomena - November 2006

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

HALE (TX-Z029)

11/14/06 20:00 CST	0	1K	Strong Wind (MAX 43 kt)
11/15/06 01:00 CST	0	0	

BRISCOE (TX-Z024), HALL (TX-Z025), COTTLE (TX-Z032), LUBBOCK (TX-Z035), GARZA (TX-Z042)

11/14/06 20:20 CST	0	50K	High Wind (MAX 58 kt)
11/15/06 04:40 CST	0	0	

A potent storm system propagated over the Southern Plains of the United States during the afternoon and evening of the 14th. Tightening surface pressure gradients over west Texas resulted in a prolonged period of strong westerly winds, with sustained speeds over 30 mph and frequent gusts near 50 mph. These winds began during the mid afternoon hours of the 14th and persisted through much of the 15th.

A period of severe wind gusts occurred during the late evening hours over the central and southern South Plains as a middle atmospheric wind maximum and associated virga showers moved over the area. Local media and emergency officials reported numerous downed trees and power lines. Gusts as high as 67 mph were recorded by the Texas Tech University West Texas Mesonet near Slaton around 20:35 CST. Although most of the reported damage occurred between Lubbock and Slaton, where the strongest wind gusts were observed, at least one tree caused damage when it was blown onto a carport in Plainview (Hale County). Surface observations in the Plainview vicinity, including the Texas Tech University West Texas Mesonet and an Automated Weather Observing System, measured peak gusts up to 50 mph.

A second area of severe winds occurred over the extreme southeastern Texas Panhandle and the Northern Rolling Plains of west Texas during the very early morning hours of the 15th. These winds were associated with the passage of a strong cold front. Wind gusts over Briscoe, Cottle, and Hall Counties were measured by the Texas Tech University West Texas Mesonet to be as high as 60 mph. No damage was reported.

YOAKUM (TX-Z039)

11/27/06 05:00 CST	0	75K	Dense Fog
11/27/06 11:00 CST	0	0	

Fog became locally dense across the extreme southwestern South Plains during the morning hours of the 27th. Motorists experienced near-zero visibilities in portions of Yoakum County, and this resulted in at least three automobile accidents. No injuries were reported.

PARMER (TX-Z021), CASTRO (TX-Z022), SWISHER (TX-Z023), BRISCOE (TX-Z024), HALL (TX-Z025), CHILDRESS (TX-Z026), LAMB (TX-Z028), HALE (TX-Z029), MOTLEY (TX-Z031), COTTLE (TX-Z032), HOCKLEY (TX-Z034), LUBBOCK (TX-Z035), CROSBY (TX-Z036), GARZA (TX-Z042)

11/29/06 05:30 CST	0	1M	Heavy Snow
11/30/06 15:00 CST	0	0	

BAILEY (TX-Z027), FLOYD (TX-Z030), COCHRAN (TX-Z033), LUBBOCK (TX-Z035), DICKENS (TX-Z037), KING (TX-Z038), YOAKUM (TX-Z039), TERRY (TX-Z040), LYNN (TX-Z041), KENT (TX-Z043), STONEWALL (TX-Z044)

11/29/06 21:00 CST	0	450K	Winter Weather
11/30/06 23:59 CST	0	0	

A winter storm produced widespread heavy snowfalls over the west Texas South Plains region during the early morning and day time hours of the 30th. Snow began to spread east over the extreme southwestern Texas Panhandle and the western South Plains before midnight (CST) on the 29th. By mid morning on the 30th, wintry precipitation began to impact the entire South Plains region.

Snow accumulations up to seven inches occurred over the extreme southwestern Texas Panhandle and the northern South Plains, where drifts up to four feet deep were reported. Dangerous travel conditions in the winter weather contributed to a roll-over motor vehicle accident south of Levelland (Hockley County), where a vehicle slid off of U.S. Highway 385 and three persons were injured. Hazardous road conditions also greeted Lubbock (Lubbock County) motorists during the morning rush hour, when more than 120 accidents were reported. Auto collisions also were reported southeast of Lubbock along U.S. Highway 84.

Lesser accumulations, generally between one and four inches, occurred over the southern South Plains and the southern Rolling Plains. At least four accidents were reported in Yoakum County, however, where up to three inches of snow resulted in snow packed roadways.

A sheet of ice developed over the snow pack after sunset on the 30th. This again resulted in dangerous driving conditions, especially in the Lubbock area where more than sixty additional vehicle accidents were reported.

Reported snow accumulations across the west Texas South Plains meeting or exceeding local Winter Storm criteria:

- Childress (Childress County).....7 inches
- Friona (Parmer County).....7 inches
- Tulia (Swisher County).....7 inches
- Happy (Swisher County).....6 inches
- Otton (Lamb County).....6 inches

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Reese Center (Lubbock County)				.6 inches
Silverton (Briscoe County)			6 inches
Springlake (Lamb County)			6 inches
Quitaque (Briscoe County)				.....6 inches
Levelland (Hockley County)				....5 inches
Matador (Motley County)				.....5 inches
Paducah (Cottle County)				.....5 inches
Ropesville (Hockley County)				...5 inches
Smyer (Hockley County)				.....5 inches
Dimmitt (Castro County)				.....4 inches
Littlefield (Lamb County)				....4 inches
Memphis (Hall County)				.....4 inches
Plainview (Hale County)				.....4 inches
Post (Garza County)				.....4 inches
Ralls (Crosby County)				.....4 inches
Shallowater (Lubbock County)				..4 inches
and Winter Weather criteria:				
Brownfield (Terry County)				.....3 inches
Crosbyton (Crosby County)				.....3 inches
Farwell (Parmer County)				.....3 inches
Floydada (Floyd County)				.....3 inches
Lubbock (Lubbock County)				.....3 inches
Muleshoe (Bailey County)				.....3 inches
Plains (Yoakum County)				.....3 inches
Dickens (Dickens County)				.....2 inches
Guthrie (King County)				.....2 inches
Morton (Cochran County)				.....2 inches
Tahoka (Lynn County)				.....2 inches
Aspermont (Stonewall County)				..1 inch
Pitchfork (Dickens County)				....1 inch