

## Storm Data and Unusual Weather Phenomena - January 2008

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

**(TX-Z042) GARZA, (TX-Z043) KENT**

01/17/08 07:00 CST			0	Winter Weather
01/17/08 08:30 CST			0	

A narrow band of snow developed during the 07:00 CST hour over the southeastern South Plains of west Texas. Accumulations up to one inch were reported at Post (Garza County) and Girard (Kent County). No serious winter weather impacts were reported.

**(TX-Z021) PARMER, (TX-Z022) CASTRO, (TX-Z023) SWISHER, (TX-Z024) BRISCOE, (TX-Z025) HALL, (TX-Z026) CHILDRESS, (TX-Z027) BAILEY, (TX-Z028) LAMB, (TX-Z029) HALE, (TX-Z030) FLOYD, (TX-Z031) MOTLEY, (TX-Z032) COTTLE, (TX-Z035) LUBBOCK, (TX-Z036) CROSBY, (TX-Z037) DICKENS, (TX-Z038) KING**

01/31/08 06:30 CST			0.90M	Winter Weather
01/31/08 08:30 CST			0	

The passage of a Canadian cold front and a vigorous storm system combined to produce a brief bout of dangerous winter weather over much of the South Plains region of west Texas early on the 31st.

Northwesterly winds sustained at speeds in excess of 30 mph combined with light to moderate snowfall to result in widespread blowing snow. Although only light accumulations were reported at a few locations, visibilities were significantly restricted during the morning rush hour, and temperatures in the lower 20s caused the snow to quickly freeze onto area roadways.

Despite the fact that the storm's impact was brief, only two hours in duration, it contributed to more than 90 traffic accidents across the region and at least seven minor injuries. A total of 83 vehicular accidents were reported in Lubbock (Lubbock County), where all of the reported injuries occurred. Weather related collisions also were reported in Plainview, including one which involved a school bus. Total damages were estimated to be \$900,000.

Most locations recorded less than one inch of total snow accumulation, however, a list of South Plains cities reporting one inch or greater accumulations included: 2 inches at Silverton (Briscoe County) with drifts up to 6 inches deep, 1 inch Bovina (Parmer County), 1 inch at Dimmitt (Castro County), 1 inch at Muleshoe (Bailey County), 1 inch at Plainview (Hale County), and 1 inch at Tulia (Swisher County).

**(TX-Z027) BAILEY, (TX-Z030) FLOYD**

01/28/08 15:20 CST			75K	Wildfire
01/29/08 20:00 CST		3	2M	

**(TX-Z021) PARMER, (TX-Z022) CASTRO, (TX-Z024) BRISCOE, (TX-Z025) HALL, (TX-Z026) CHILDRESS, (TX-Z027) BAILEY, (TX-Z028) LAMB, (TX-Z029) HALE, (TX-Z030) FLOYD, (TX-Z034) HOCKLEY, (TX-Z035) LUBBOCK, (TX-Z036) CROSBY, (TX-Z039) YOAKUM, (TX-Z040) TERRY, (TX-Z041) LYNN, (TX-Z043) KENT**

01/29/08 03:50 CST			0.12M	High Wind (MAX 58 kt)
01/29/08 10:30 CST			0	

Westerly winds brought very dry conditions to much of the western South Plains and the extreme southwestern Texas Panhandle during the afternoon hours of the 28th. A 20,000 acre wildfire ignited within this environment south-southwest of Muleshoe (Bailey County) and quickly spread northeastward threatening the town. The fire burned out of control for nearly five hours before it was temporarily contained. Two firefighters were treated for smoke inhalation.

During the pre-dawn hours of the 29th, a passing cold front re-intensified winds. The winds fanned lingering hotspots at the wildfire burn site, and resulted in a re-surgance of the fire. A mobile home and a few vehicles were destroyed. The occupant of the mobile home suffered serious injuries. A separate wildfire burned a massive cotton bur pile and threatened homes near Floydada (Floyd County) while a less significant fire evolved in rural areas of northwestern Kent County.

In addition to fire weather impacts, numerous severe wind gusts were recorded by the Texas Tech University West Texas Mesonet. The winds brought damage to portions of the South Plains. A large medal warehouse was destroyed in northwest Lubbock (Lubbock County). Reports also indicated downed trees and other wind-blown objects damaged utility lines between Plainview (Hale County) and Lubbock (Lubbock County). A list of severe wind gusts recorded by the Texas Tech University West Texas Mesonet and at area airports follows: 67 mph at White River Lake (Crosby County), 66 mph at Lubbock Preston Smith International Airport (Lubbock County), 64 mph at Brownfield (Terry County), 64 mph at Levelland (Hockley County), 63 mph at Amherst (Lamb County), 63 mph at Plains (Yoakum County), 63 mph at Olton (Lamb County), 63 mph at Sundown (Cochran County), 62 mph at Childress Municipal Airport (Childress County), 61 mph at Graham (Garza County), 61 mph at Turkey (Hall County), 60 mph at Anton (Hockley County), 60 mph at Silverton (Briscoe County), 60 mph at Tahoka (Lynn County), 59 mph at Floydada (Floyd County), 59 mph at Friona (Parmer County), 59 mph at O'Donnell (Lynn County), 58 mph at Hart (Castro County), 58 mph at Memphis (Hall County), 58 mph at Plainview (Hale County), and 58 mph

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at Reese Center (Lubbock County).				