

## Storm Data and Unusual Weather Phenomena - February 2010

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

(TX-Z025) HALL, (TX-Z027) BAILEY, (TX-Z028) LAMB, (TX-Z029) HALE, (TX-Z030) FLOYD, (TX-Z033) COCHRAN, (TX-Z035) LUBBOCK

02/01/10 15:00 CST	0	Winter Weather
02/01/10 23:00 CST	0	

(TX-Z021) PARMER, (TX-Z022) CASTRO, (TX-Z023) SWISHER, (TX-Z024) BRISCOE

02/03/10 11:00 CST	0	Heavy Snow
02/03/10 23:00 CST	0	

A winter storm impacted portions of west Texas on the 3rd. Widespread drizzle and light rain began to fall over much of the region during the early morning hours, but the precipitation transitioned toward heavy snowfall over the extreme southwestern Panhandle by midday. A gradual transition in precipitation type then slowly shifted southward over the central South Plains during the evening, where light snow accumulations occurred. Reported public impacts from the storm were minimal.

A list of reported snow accumulations follows: 8 inches at Dimmitt (Castro County), 5 inches at Friona (Parmer County), 5 inches at Hart (Castro County), 4 inches at Rhea (Parmer County), 4 inches at Silverton (Briscoe County), 4 inches at Vigo Park (Swisher County), 3 inches at Muleshoe (Bailey County), 3 inches at Plainview (Hale County), 2 inches at Floydada (Floyd County), 2 inches at Turkey (Hall County), 1 inch at Flomont (Motley County), 1 inch at Littlefield (Lamb County), 1 inch at Morton (Cochran County), and 1 inch at Shallowater (Lubbock County).

(TX-Z022) CASTRO, (TX-Z024) BRISCOE, (TX-Z026) CHILDRESS, (TX-Z027) BAILEY, (TX-Z028) LAMB, (TX-Z029) HALE, (TX-Z030) FLOYD, (TX-Z032) COTTLE, (TX-Z033) COCHRAN, (TX-Z034) HOCKLEY, (TX-Z035) LUBBOCK, (TX-Z036) CROSBY, (TX-Z039) YOAKUM, (TX-Z040) TERRY, (TX-Z041) LYNN

02/11/10 02:00 CST	0.15M	Winter Weather
02/11/10 15:00 CST	0	

(TX-Z031) MOTLEY, (TX-Z037) DICKENS, (TX-Z042) GARZA, (TX-Z043) KENT, (TX-Z044) STONEWALL

02/11/10 02:00 CST	0	Heavy Snow
02/11/10 15:00 CST	0	

A winter storm system brought accumulating snowfall to much of the west Texas South Plains on the 11th, but the heaviest amounts were observed over the southern Rolling Plains. Banded areas of snow transitioned northward from the Permian Basin over the southern South Plains and Rolling Plains during the pre-dawn hours of the 11th. Some of this snowfall was heavy and resulted in significant accumulations. Snowfall then gradually tapered off through the day and ended by late afternoon.

Although the most significant snowfall totals occurred over the southern Rolling Plains, lighter amounts of accumulating snowfall proved hazardous for drivers across portions of the western and central South Plains. Nearly a dozen accidents were reported on snow packed and slick roadways in Lamb and Hockley Counties. A woman was transported to a local hospital following an accident near Anton (Hockley County).

A list of reported snow accumulations follows: 6 inches in Aspermont (Stonewall County), 5 inches in Dickens (Dickens County), 5 inches in Post (Garza County), 4 inches in Jayton (Kent County), 4 inches in Matador (Motley County), 3 inches in Brownfield (Terry County), 3 inches at Lake Alan Henry (Garza County), 3 inches in Lubbock (Lubbock County), 3 inches in Paducah (Cottle County), 3 inches in Plains (Yoakum County), 3 inches in Tahoka (Lynn County), 2 inches in Denver City (Yoakum County), 2 inches in Slaton (Lubbock County), 2 inches in Southland (Garza County), 1 inch at Abernathy (Hale County), 1 inch in Anton (Hockley County), 1 inch in Childress (Childress County), 1 inch at Crosbyton (Crosby County), 1 inch at Flomot (Motley County), 1 inch in Floydada (Floyd County), 1 inch in Hart (Castro County), 1 inch in Levelland (Hockley County), 1 inch in Littlefield (Lamb County), 1 inch in Muleshoe (Bailey County), 1 inch in Olton (Lamb County), 1 inch in Plainview (Hale County), 1 inch in Ropesville (Hockley County), 1 inch in Silverton (Briscoe County), and 1 inch in Spur (Dickens County).

(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-Z036) CROSBY, (TX-Z037) DICKENS, (TX-Z038) KING, (TX-Z043) KENT

02/22/10 17:00 CST	50K	Winter Weather
02/23/10 05:00 CST	0	

(TX-Z033) COCHRAN, (TX-Z034) HOCKLEY, (TX-Z035) LUBBOCK, (TX-Z039) YOAKUM, (TX-Z040) TERRY, (TX-Z041) LYNN, (TX-Z042) GARZA, (TX-Z044) STONEWALL

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	02/22/10 17:00 CST		0.30M	Heavy Snow
	02/23/10 06:00 CST		0	

A winter storm brought heavy snow and deadly travel conditions to the South Plains of west Texas during the 22nd and 23rd.

Snow began to overspread the the extreme southwestern Panhandle and the northwestern South Plains around sunset on the 22nd, and then spread southeastward to encompass most of the region by late evening. By the pre-dawn hours of the 23rd, at least three distinct east-west oriented bands of heavy snow had developed over the western and central South Plains and the southern Rolling Plains. These bands resulted in localized 4 to 8 inch accumulations. A post-storm survey by meteorologists from the Texas Tech University West Texas Mesonet revealed a ten mile-wide swath of 6 inch accumulations over portions of the southwestern South Plains that extended from between Bledsoe (Cochran County) and Bronco (Yoakum County) eastward to west of Ropesville (Hockley County) associated with one of these bands.

Sub-freezing daytime temperatures that preceded the snowfall contributed to rapid changes in driving conditions immediately following the onset of precipitation. Area roadways quickly became treacherous, and 65 weather-related accidents were reported in Lubbock (Lubbock County). At least 16 accidents were reported elsewhere across the South Plains. A Lubbock police officer suffered a broken arm when her cruiser collided with a pickup truck near the intersection of 6th Street and Frankford in one such accident. A 20-year-old man was killed and his passenger was injured when their pickup truck slid off of Interstate 27 and rolled north of Plainview (Hale County). One motorist was injured in a three-vehicle collision near Levelland (Hockley County). A dozen vehicles reportedly slid off of U.S. Highway 84 between Lubbock and Slaton in Lubbock County, and many flights from Lubbock's Preston Smith International Airport were canceled or delayed.

Total economic damages were estimated at \$350,000

A list of reported snow accumulations follows: 8 inches in Post (Garza County), 6 inches over rural areas of southern Cochran and Hockley Counties and northern Terry and Yoakum Counties, 5 inches in Post (Garza County), 5 inches in Southland (Garza County), 5 inches in Tahoka (Lynn County), 4 inches in Abernathy (Hale County), 4 inches in Aspermont (Stonewall County), 4 inches in Lubbock (Lubbock County), 3 inches in Brownfield (Terry County), 3 inches in Childress (Childress County), 3 inches in Denver City (Yoakum County), 3 inches in Dimmitt (Castro County), 3 inches in Friona (Parmer County), 3 inches in Jayton (Kent County), 3 inches in Muleshoe (Bailey County), 3 inches in Plains (Yoakum County), 3 inches in Rhea (Parmer County), 3 inches in Spur (Dickens County), 3 inches in Tulia (Swisher County), 2 inches in Crosbyton (Crosby County), 2 inches in Floydada (Floyd County), 2 inches in Flomot (Motley County), 2 inches in Guthrie (King County), 2 inches in Hart (Castro County), 2 inches in Kirkland (Childress County), 2 inches at Lake Alan Henry (Garza County), 2 inches in Levelland (Hockley County), 2 inches in Morton (Cochran County), 2 inches in Olton (Lamb County), 2 inches in Paducah (Cottle County), 2 inches in Plainview (Hale County), 2 inches in Ropesville (Hockley County), 2 inches in Silverton (Briscoe County), 2 inches in Shallowater (Lubbock County), 2 inches in Turkey (Hall County), 2 inches at White River Lake (Crosby County), 1 inch in Littlefield (Lamb County), 1 inch in Matador (Motley County), and 1 inch in Memphis (Hall County).

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*Up to 4 inches of snow blanketed Lubbock in the wake of a winter storm on the 23rd. Photo courtesy: Mark Conder - National Weather Service - Lubbock, Texas.*