

## Storm Data and Unusual Weather Phenomena - January 2007

<u>Location</u>	<u>Date/Time</u>	<u>Deaths &amp; Injuries</u>	<u>Property &amp; Crop Dmg</u>	<u>Event Type and Details</u>
<b>TEXAS, South Panhandle</b>				
<b>MOTLEY (TX-Z031), DICKENS (TX-Z037)</b>				
	01/12/07 17:00 CST	0	0	Winter Weather
	01/14/07 17:00 CST	0	0	
<b>PARMER (TX-Z021), CASTRO (TX-Z022), SWISHER (TX-Z023), BRISCOE (TX-Z024), HALL (TX-Z025), CHILDRESS (TX-Z026), BAILEY (TX-Z027), LAMB (TX-Z028), HALE (TX-Z029), FLOYD (TX-Z030), COTTLE (TX-Z032), COCHRAN (TX-Z033), HOCKLEY (TX-Z034), LUBBOCK (TX-Z035), CROSBY (TX-Z036), KING (TX-Z038), YOAKUM (TX-Z039), TERRY (TX-Z040), LYNN (TX-Z041), GARZA (TX-Z042)</b>				
	01/12/07 17:00 CST	0	730K	Ice Storm
	01/14/07 17:00 CST	0	0	
<p>A bitterly cold arctic air mass moved into the South Plains region of west Texas during the daytime hours on the 12th. A potent upper level system moving down from the Rockies provided the lift needed for a prolonged period of wintry precipitation which began during the evening hours of the 12th and persisted through much of the 14th. Because of the shallow nature of the arctic air mass, precipitation in the form of freezing rain and freezing drizzle was the dominant precipitation type. This led to several locations across the South Plains region receiving between one quarter and one inch of ice accumulations.</p> <p>Approximately 245 auto-accidents were attributed to the ice build-up. Lubbock authorities reported 185 wrecks on city streets alone. Two persons were killed on the icy highways, and at least nine others suffered serious injuries in weather related traffic accidents. More than forty people sought treatment at Lubbock hospitals for fall-related injuries attributed to the storm.</p> <p>Power outages became widespread in many rural areas during the afternoon and evening hours of the 14th when wind speeds increased in the wake of the departing storm system, and ice coated utility lines broke. Although the total number of residences without power was not known, one utility company reported that seventy-five percent of its customers were affected over a twelve county area. Total damages across the region approached \$750,000.</p> <p>In addition, more than 200 churches across the region cancelled Sunday services on the 14th, and many flights were cancelled at Lubbock's Preston Smith International Airport.</p> <p>A list of reported ice accumulations follows:</p> <ul style="list-style-type: none"> <li>1/8 inch at Dickens (Dickens County)</li> <li>1/8 inch at Matador (Motley County)</li> <li>1/4 inch at Lorenzo (Crosby County)</li> <li>1/2 inch at Muleshoe (Bailey County)</li> <li>1/2 inch at Morton (Cochran County)</li> <li>1/4 inch at Guthrie (King County)</li> <li>1/4 inch at Paducah (Cottle County)</li> <li>1/4 inch at Ropesville (Hockley County)</li> <li>1/2 inch at Levelland (Hockley County)</li> <li>1/4 inch at Silverton (Briscoe County)</li> <li>1/4 inch at Lubbock (Lubbock County)</li> <li>1/2 inch at Farwell (Parmer County)</li> <li>1/4 inch at Dimmitt (Castro County)</li> <li>1/4 inch at Tulia (Swisher County)</li> <li>1/2 inch at Littlefield (Lamb County)</li> <li>1/2 inch at Plains (Yoakum County)</li> <li>1/4 inch at Brownfield (Terry County)</li> <li>1/2 inch at Tahoka (Lynn County)</li> <li>1/2 inch at Memphis (Hall County)</li> <li>1/2 inch at Childress (Childress County)</li> <li>1/2 inch at Crosbyton (Crosby County)</li> <li>1.0 inch at Earth (Lamb County)</li> <li>1.0 inch at Hale Center (Hale County)</li> </ul>				
<b>FLOYD (TX-Z030), COTTLE (TX-Z032), HOCKLEY (TX-Z034), CROSBY (TX-Z036), DICKENS (TX-Z037), KING (TX-Z038), YOAKUM (TX-Z039), TERRY (TX-Z040), LYNN (TX-Z041)</b>				
	01/19/07 08:00 CST	0	0	Winter Weather
	01/20/07 21:00 CST	0	0	
<b>GARZA (TX-Z042), KENT (TX-Z043)</b>				

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	01/19/07 08:00 CST	0	0	Ice Storm
	01/20/07 21:00 CST	0	0	

**PARMER (TX-Z021), CASTRO (TX-Z022), SWISHER (TX-Z023), BRISCOE (TX-Z024), HALL (TX-Z025), CHILDRESS (TX-Z026), BAILEY (TX-Z027), LAMB (TX-Z028), HALE (TX-Z029), MOTLEY (TX-Z031), COCHRAN (TX-Z033), LUBBOCK (TX-Z035)**

01/19/07 08:00 CST	0	250K	Heavy Snow
01/20/07 21:00 CST	0	0	

For the second weekend in a row, another major winter storm impacted the South Plains region of west Texas. This storm brought snow accumulations that totaled a foot in portions of the extreme southwestern Texas Panhandle. Heavy snowfalls were common over the northwestern half of the region, while lighter snow accumulations combined with a coating of ice over the southeastern South Plains and the Rolling Plains.

Local officials across the region reported at least eighty-five vehicular accidents across the region, including a ten car pile-up on Loop 289 in Lubbock. No serious injuries were reported. Approximately 400 residences were estimated to have lost power during an electrical outage caused by ice accumulations from the storm south of Lubbock. Total damages were estimated at \$250,000.

A list of reported storm total snow accumulations follows:

- 12 inches at Bovina (Parmer County)
- 12 inches at Summerfield (Castro County)
- 11 inches at Friona (Parmer County)
- 9 inches at Happy (Swisher County)
- 8 inches at Dimmitt (Castro County)
- 8 inches at Olton (Lamb County)
- 8 inches at Springlake (Lamb County)
- 8 inches at Tulia (Swisher County)
- 8 inches at Vigo Park (Swisher County)
- 7 inches at Kress (Swisher County)
- 6 inches at Levelland (Hockley County)
- 6 inches at Muleshoe (Bailey County)
- 6 inches at Plainview (Hale County)
- 6 inches at Quitaque (Briscoe County)
- 5 inches at Anton (Hockley County)
- 5 inches at Lake MacKenzie (Briscoe County)
- 5 inches at Lakeview (Hall County)
- 5 inches at Littlefield (Lamb County)
- 5 inches at Memphis (Hall County)
- 5 inches at Silverton (Briscoe County)
- 4 inches at Abernathy (Lubbock County)
- 4 inches at Childress (Childress County)
- 4 inches at Lubbock (Lubbock County)
- 4 inches at Matador (Motley County)
- 4 inches at Morton (Cochran County)
- 3 inches at Floydada (Floyd County)
- 3 inches at Paducah (Cottle County)
- 2 inches at Browfield (Terry County)
- 2 inches at Plains (Yoakum County)
- 2 inches at Turkey (Hall County)
- 1 inch at Dickens (Dickens County)
- 1 inch at Dumont (King County)
- 1 inch at Post (Garza County)
- 1 inch at Ralls (Crosby County)
- 1 inch at Tahoka (Lynn County)

Additional reports of ice accumulations included:

- 1 inch at Post (Garza County)
- 1/4 inch at Jayton (Kent County)

**YOAKUM (TX-Z039), TERRY (TX-Z040), LYNN (TX-Z041)**

01/23/07 07:00 CST	0	0	Winter Weather
01/23/07 10:00 CST	0	0	

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An upper level storm system stalled over northern Mexico and the southwest Texas Big Bend during the overnight and early morning hours of the 22nd and the 23rd. A broad area of wintry precipitation developed over the Texas Trans Pecos region and the plains of southeastern New Mexico. This activity spread northeastward over the southwestern portion of the west Texas South Plains around sunrise on the 23rd. Several hours of light snow resulted in minor accumulations.

Snow accumulation reports are noted below:

- 3 inches at Wellman (Terry County)
- 2 inches at Denver City (Yoakum County)
- 1 inch at Brownfield (Terry County)
- 1 inch at O'Donnell (Lynn County)
- 1 inch at Wells (Lynn County)

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**BAILEY (TX-Z027)**

01/30/07 22:00 CST	0	0	Winter Weather
01/31/07 06:00 CST	0	0	

A light wintry mix fell over portions of the extreme southwesten Texas Panhandle and the northwestern South Plains during the overnight and early morning hours of the 30th and the 31st. The only location to report an accumulating snowfall was Muleshoe (Bailey County), where one inch of snow had accumulated by sunrise on the 31st.