

Storm Data and Unusual Weather Phenomena - January 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TEXAS, South Panhandle				
(TX-Z021) PARMER, (TX-Z022) CASTRO, (TX-Z023) SWISHER, (TX-Z024) BRISCOE, (TX-Z027) BAILEY				
	01/09/25 05:00 CST		0	Heavy Snow
	01/10/25 04:00 CST		0	
(TX-Z025) HALL, (TX-Z026) CHILDRESS, (TX-Z028) LAMB, (TX-Z029) HALE, (TX-Z031) MOTLEY, (TX-Z032) COTTLE				
	01/09/25 05:00 CST		0	Winter Weather
	01/10/25 06:00 CST		0	
<p>January began with arctic air settling into much of the country which included the South Plains of West Texas and the extreme southern Texas Panhandle. A storm system moved through the southern Rockies and Four Corners bringing wintry precipitation to the area. Moisture was limited as the winter storm first approached the region, but it gradually tapped a supply from the Gulf, causing precipitation to expand in coverage and intensity early in the morning of the ninth. The leading edge of the precipitation started as freezing rain and sleet over much of the central and southern South Plains into the Rolling Plains. However, the wintry mix quickly turned over to snow in most locations as the temperatures aloft cooled. A band of moderate to heavy snow setup and persisted from the northwestern South Plains into the central Texas Panhandle. Heavy snow, sometimes at rates at or greater than one inch per hour, quickly piled up during the morning and afternoon hours of the ninth, with lighter snow persisting well into the evening. Snowfall eventually shifted east of the region early in the morning of the tenth.</p> <p>Snowfall reports from NWS cooperative weather observers are listed below:</p> <p>8.0 inches at Dimmitt (Castro County), 7.0 inches at Friona (Parmer County), 5.0 inches at Vigo Park (Swisher County), 4.0 inches at Muleshoe (Bailey County), 4.0 inches at Silverton (Briscoe County), 3.5 inches at Memphis (Hall County), 3.3 inches at Tulia (Swisher County), 3.0 inches at Olton (Lamb County), 2.5 inches at Roaring Springs (Motley County), 2.0 inches at Childress (Childress County), 1.2 inches at Paducah (Cottle County), and 1.1 inches at Plainview (Hale County).</p>				
(TX-Z027) BAILEY, (TX-Z028) LAMB, (TX-Z033) COCHRAN, (TX-Z035) LUBBOCK				
	01/17/25 13:15 CST		0	High Wind (MAX 53 kt)
	01/17/25 15:33 CST		0	
<p>A strong upper level storm system brought strong winds and blowing dust to the region on the afternoon of the 17th. A few locations across the South Plains briefly reached severe wind criteria. Blowing dust brought visibility down to two miles at times.</p> <p>High wind reports from Texas Tech University West Texas mesonet sites are listed below:</p> <p>61 mph at Muleshoe (Bailey County), 60 mph at Amherst (Lamb County), 58 mph at Morton (Cochran County), and 58 mph at Slaton (Lubbock County).</p> <p>High wind reports from Automated Surface Observing Systems (ASOS) are listed below:</p> <p>59 mph at Lubbock International Airport (Lubbock County).</p>				
(TX-Z027) BAILEY, (TX-Z033) COCHRAN, (TX-Z035) LUBBOCK, (TX-Z042) GARZA				
	01/18/25 18:00 CST		0	Winter Weather
	01/19/25 00:00 CST		0	

A surge of arctic air occurred on the evening of the 18th which was able to produce light snowfall for areas on the Caprock. Although moisture totals generally only added up to a trace to few hundredths of an inch of liquid equivalent, this yielded a dusting to a half inch of snow for many locations of the South Plains. A few locations measured around or slightly greater than an inch of snowfall.

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Snowfall reports from NWS cooperative weather observers are listed below:

1.4 inches at Post (Garza County),
1.2 inches at Shallowater (Lubbock County),
1.0 inch at Muleshoe (Bailey County), and
1.0 inch at Morton (Cochran County).