

## Climate and Weather Summary for January 2025

Temperatures in January averaged well-below normal at Abilene and San Angelo. Precipitation was below normal at both locations. Table 1 summarizes January 2025 temperature, precipitation, and departure from normal for Abilene and San Angelo.

Site	Average Temperature (°F)	Departure from Normal (°F)	Normal Average Temperature (°F)	Total Precipitation (In.)	Departure from Normal (In)	Normal Jan. Precipitation (In.)
Abilene	41.9°	-4.4°	46.3°	0.89"	-0.21"	1.10"
San Angelo	43.2°	-4.2°	47.4°	0.72"	-0.20"	0.92"

**Table 1: Jan. Climate Data for Abilene and San Angelo.**

Additional temperature and precipitation data for Abilene and San Angelo is summarized in Table 2.

Site	Warmest High Temperature (°F)	Warmest Low Temperature (°F)	Coldest High Temperature (°F)	Coldest Low Temperature (°F)	Maximum Daily Precipitation (In.)
Abilene	73° on Jan. 4	53° on Jan. 4	31° on Jan. 20	17° on Jan. 21	0.82" Jan. 9
San Angelo	73° Jan. 2, 4, 17	50° Jan. 4, 29	35° on Jan. 20	18° on Jan. 24	0.65" Jan. 9

**Table 2: Additional Jan. Climate Data for Abilene and San Angelo.**

- Total snowfall for January was 1 inch at Abilene (Jan. 9), and a Trace at San Angelo (Jan. 9).
- Periods of below normal temperatures were more extensive than periods with above normal temperatures.

Total precipitation and percentage of normal precipitation, for January, are shown in Figures 1 and 2 (next 2 pages). These maps were generated at the High Plains Regional Climate Center.

# Precipitation (in)

1/1/2025 - 1/31/2025

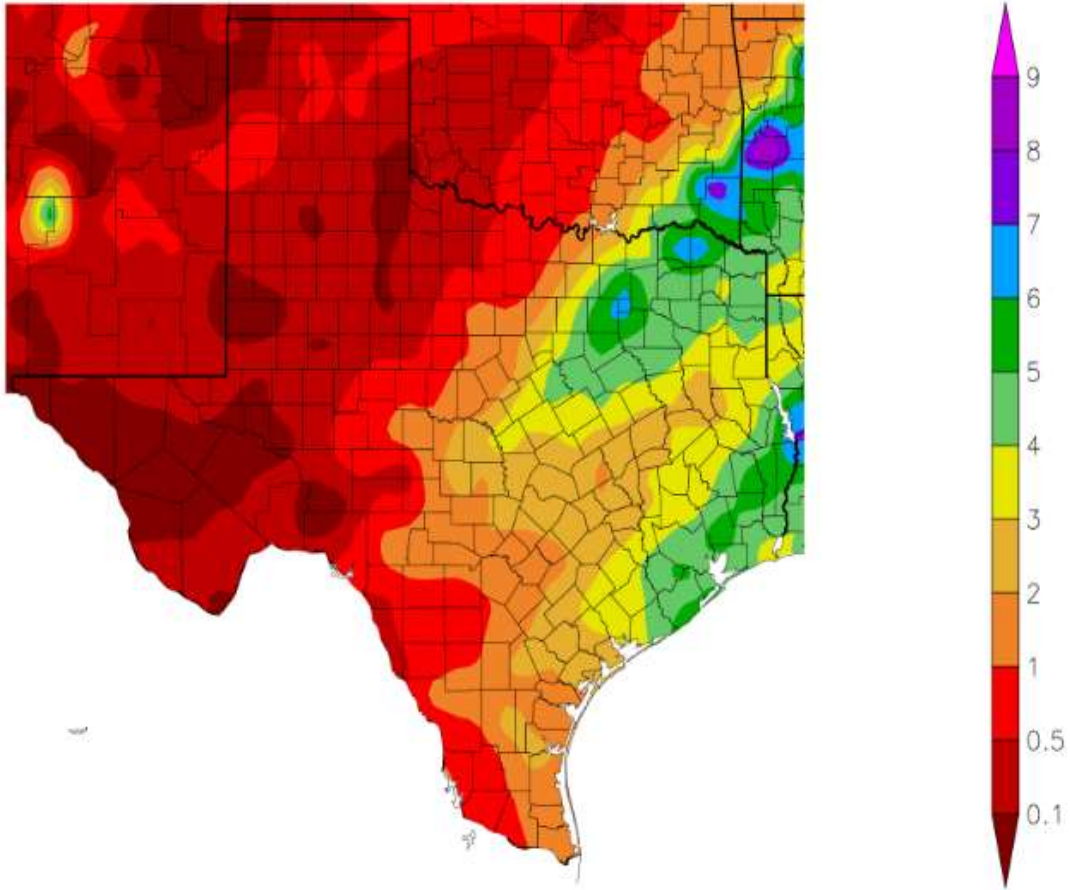
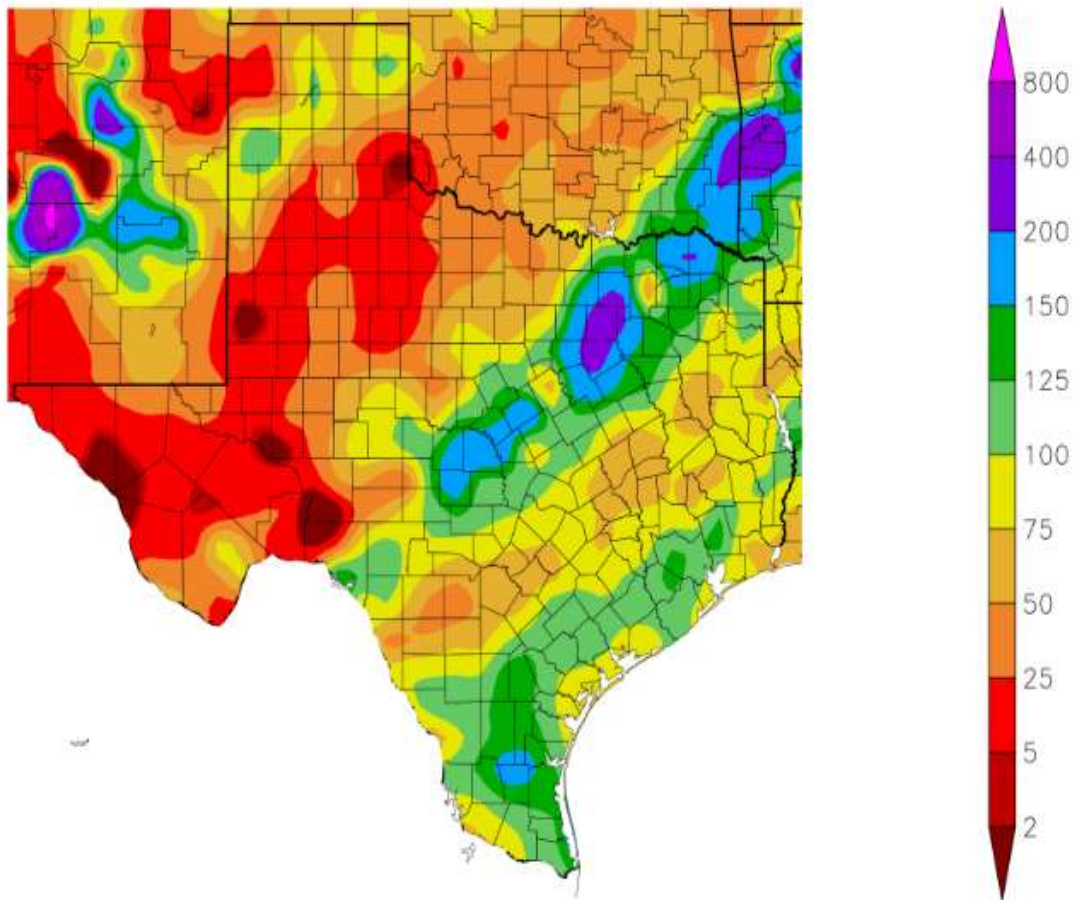


Figure 1: Total Precipitation for January.

## Percent of Normal Precipitation (%) 1/1/2025 – 1/31/2025



**Figure 2: Percentage of Normal Precipitation for January.**

Precipitation for January varied from well-above to well-below normal across [west-central Texas](#). The monthly precipitation was well-above normal in southeastern parts of the area (blue shading in Fig. 2). January precipitation was well-below normal across much of the Big Country north and west of Abilene, and much of the Northern Edwards Plateau (orange and red shading in Fig. 2).

### **January 2025 Weather Highlights**

After a mild start to the month in the first few days, a strong cold front moved south across the area Jan. 5. Temperatures were much colder Jan. 6-9 as high pressure across the Great Plains gradually settled into Texas. With the approach of an upper level storm system from New Mexico and northern Mexico, winter precipitation occurred across the area Jan. 9. The precipitation was mostly snow across the Big Country, mixed with some freezing rain in the eastern Big Country. Snow accumulations were around 1

inch in the Big Country. Farther south across the Concho Valley and Heartland areas, the precipitation began as freezing rain, mixed at times with sleet. Light ice accumulation occurred on tree branches and elevated objects. Then, as temperatures climbed just above freezing, the precipitation was a cold rain.

Strong, gusty west winds occurred on the afternoon and evening of Jan. 17, following passage of a Pacific cold front. This was associated with a strong upper level weather system which moved east across the southern Plains and Texas. Peak wind gusts were 40 to 50 mph across central and northern parts of the area, and 50-55 mph at some Big Country locations. With the strong west winds, blowing dust was transported over the area aloft from West Texas. Visibility was reduced to 2-4 miles at San Angelo and Abilene.

A fairly strong cold front moved south across west-central Texas during the overnight hours of Jan. 17-18. Temperatures were much cooler Jan. 18.

The passage of a successive cold front on the afternoon and evening of Jan. 18 was followed by a surge of very cold air, which remained over the area through Jan. 21. Scattered snow flurries occurred in northern and eastern parts of the area during the morning hours of Jan. 21. Very cold wind chill values were observed during the late night and early morning hours Jan. 19-22.

With a return to south-southwest winds and mostly sunny skies, temperatures made a strong recovery into mostly the lower to mid 50s Jan. 22.

A fluctuating pattern of temperatures followed Jan. 23-26. Following a cold frontal passage on the late afternoon and evening of Jan. 22, temperatures were a little colder Jan. 23. When a high pressure system settled across area with clear skies and dry air, temperatures dropped into the 15-25 degree range for lows Jan. 24. With sunny skies and the development of gusty south-southwest winds, temperatures Jan. 24 made a strong rebound into the mid to upper 50s for highs. Jan. 25 was warmer with highs mostly in the 60-65 degree range. Another cold frontal passage in the late afternoon and early nighttime hours was followed by colder temperatures with increased cloud cover Jan.26.

Fog was widespread and locally dense (visibility  $\frac{1}{4}$  mile or less) on the early morning of Jan. 29. With the approach of an upper level storm system and a weak cold front, showers and thunderstorms occurred during the overnight hours of Jan. 29-30. The coverage was most widespread across the eastern half of the area. Occasional lightning and brief heavy rain accompanied some of the storms. Most of the heavier rainfall (between one-half inch and 1.5 inches, with localized higher amounts to over 2 inches) occurred southeast of a line from Ozona to Ballinger to Cross Plains.

With the departing system on the afternoon of Jan. 29, gusty west winds occurred across the area. Peak wind gusts 40-45 mph were recorded at some locations in the Big Country, Concho Valley and Crockett County.

The month ended with pleasant temperatures on the afternoon of Jan. 31, with highs in the mid 60s to lower 70s.

[Additional Tabular and Graphical Daily Climate Data](#)