

Climate and Weather Summary for January 2022

Temperatures in January averaged below normal at San Angelo and Abilene. Precipitation was well-below normal at both locations. Table 1 summarizes January 2022 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	44.8°	-1.5°	46.3°	0.20"	-0.90"	1.10"
San Angelo	45.6°	-1.8°	47.4°	0.11"	-0.81"	0.92"

Table 1: January 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	80° on Jan. 14	51° Jan. 18, 31	48° on Jan. 19	16° Jan. 7, 21	0.13" Jan. 11
San Angelo	81° on Jan. 14	50° on Jan. 18	45° on Jan. 19	14° on Jan. 21	0.05" Jan. 11, 31

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

- Snowfall for January was a trace at Abilene, and zero at San Angelo.

Maps of total precipitation and percentage of normal precipitation, for January, are shown in Figures 1 and 2 (next page).

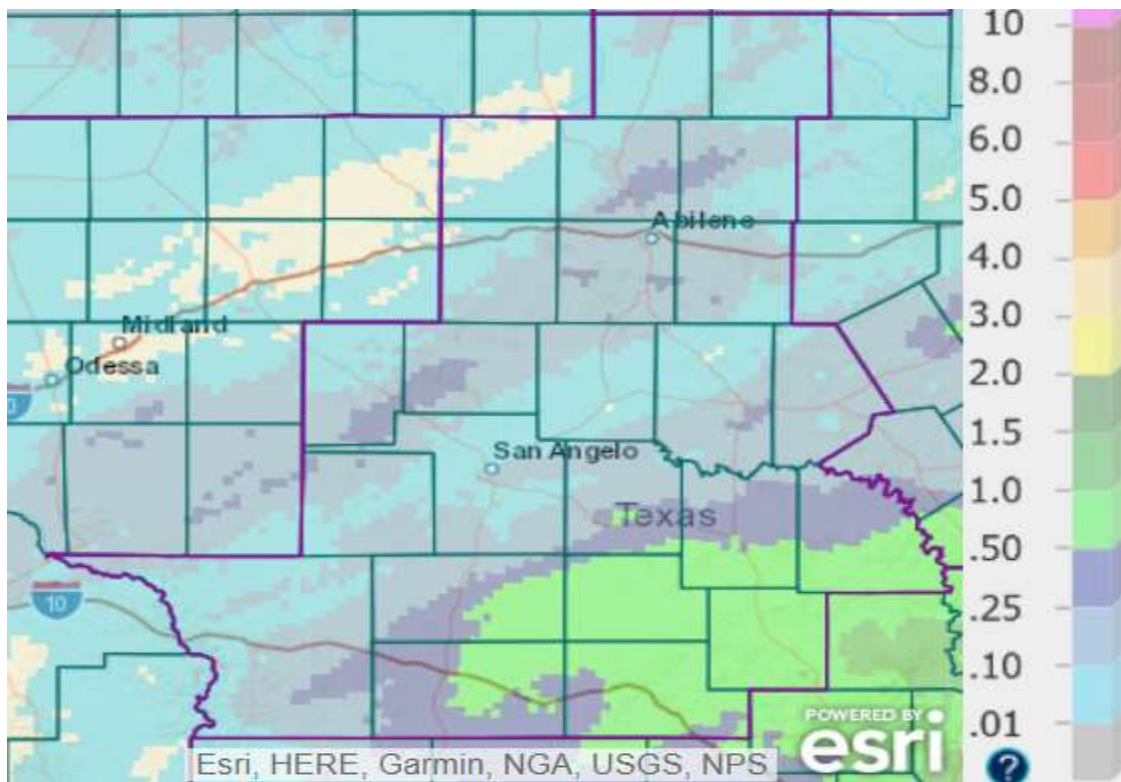


Figure 1: Total Precipitation for January.

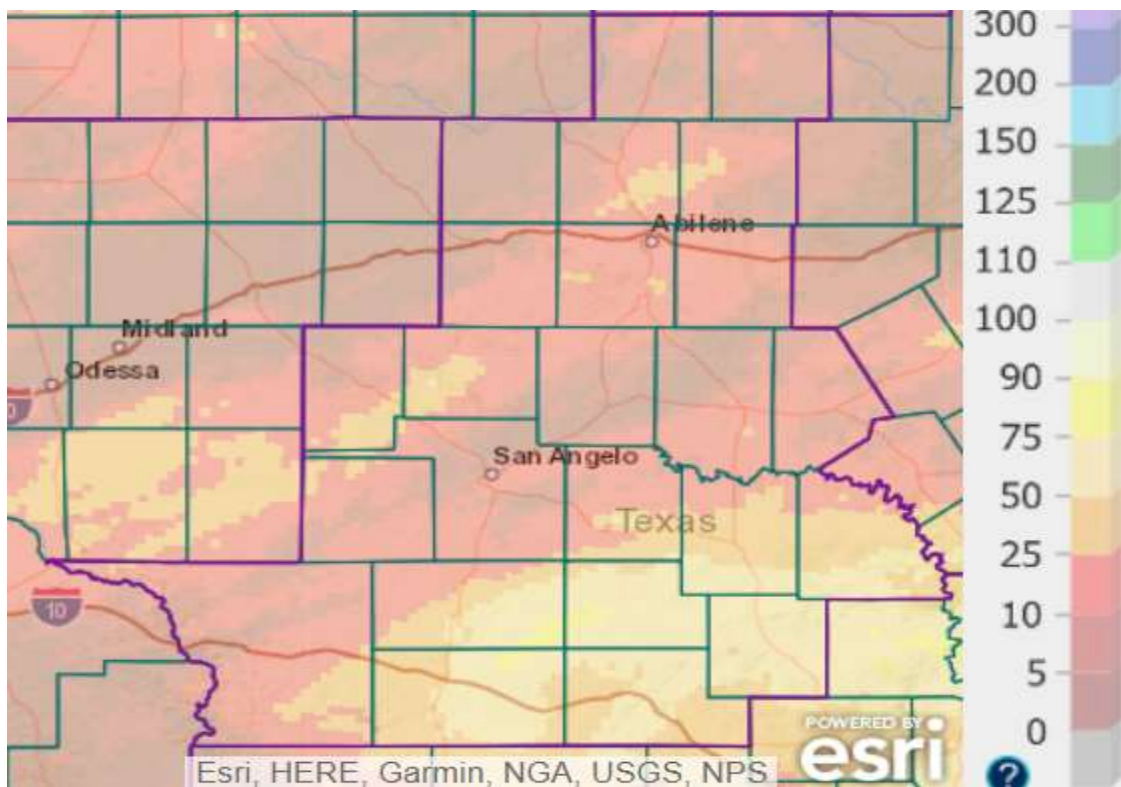


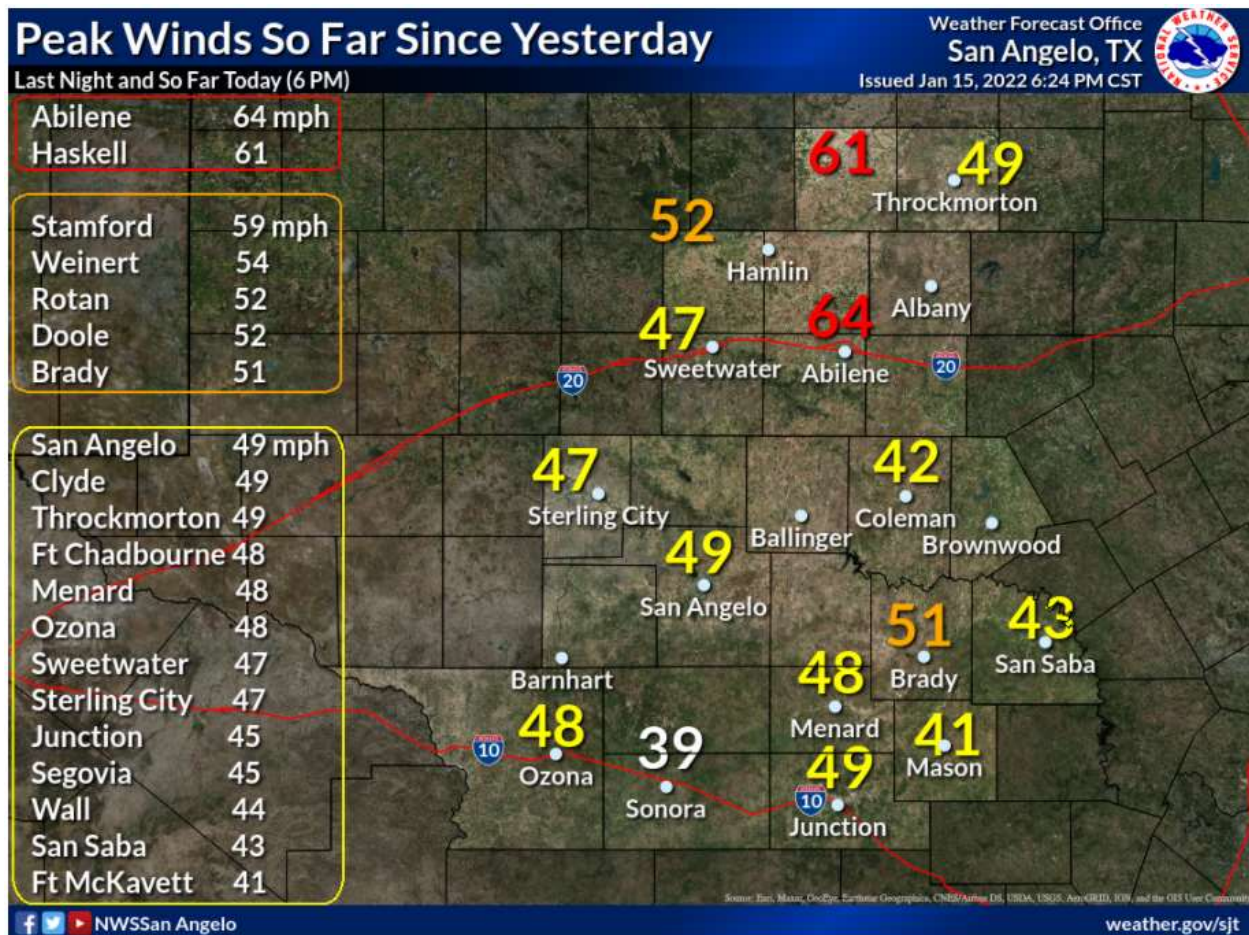
Figure 2: Percentage of Normal Precipitation for January.

Precipitation for January was below normal in southeastern parts of the area, and well-below normal across the rest of west-central Texas. For a large part of the area north of an Ozona to Richland Springs line, the monthly precipitation was less than 25 percent of normal (red shaded areas in Fig. 2).

January 2022 Weather Highlights

A strong cold front advanced south across the area on the afternoon and evening of New Year's Day. Much colder temperatures behind this front were accompanied by brisk north winds. After a warm day with highs mostly in the 70s to lower 80s on Jan. 1, temperatures dropped sharply into the upper teens to lower 20s on the early morning of Jan. 2. Wind chill values plunged into the single digits. With clear skies, dry air and light winds across much of the area on the following night, early morning lows on Jan. 3 were in the teens at numerous locations across central and southern parts of the area.

A prolonged period of strong, gusty north to northwest winds affected west-central Texas on Jan. 14-15. Near record warm temperatures on the afternoon of Jan. 14, with very dry air and breezy conditions. A strong cold front advanced south across the area during the evening and nighttime hours, and temperatures were colder on Jan. 15. Strong, gusty north-northwest winds followed passage of this cold front and continued overnight. On Jan. 15, a strong upper level storms system moved out of Oklahoma and into northeastern Texas. With the circulation around this system, strong and gusty north to northwest winds continued through the day. The graphic below shows the highest wind gusts recorded across the area Jan. 14-15.



With these winds, dry vegetation and very dry air, a few grass and brush fires were reported. These wildfires occurred in Fisher, Shackelford, and Callahan Counties.

With a very dry airmass, full sunshine and west to southwest winds, temperatures made an impressive recovery after a cold start to the day on Jan. 16. Morning lows were in the upper teens to lower 20s across much of the area. Afternoon highs were in the mid 60s to lower 70s. For some locations (including San Angelo and Abilene), the temperature recovery was 50 degrees or more.

The roller coaster pattern with temperatures continued Jan. 17-21.

Afternoon highs were well-above normal, in the mid to upper 70s on Jan. 18. A strong cold front moved south across the area on Jan. 19. Ahead of this front, afternoon highs were in the mid to upper 70s across the southern half of the area. Temperatures dropped quickly after the frontal passage, and were accompanied by brisk north winds. On the morning of Jan. 20, temperatures were in the 20s, with wind chill values in the single digits and teens across west-central Texas. Highs on Jan. 20 were mostly in the mid to upper 30s.

With the approach of an upper level disturbance, patchy light snow and snow flurries occurred across the southern third of the area on Jan. 20. With the light and patchy nature of the precipitation, however, no accumulation occurred. With clearing skies and light winds, temperatures dropped to early morning lows in the teens.

A slow warming trend followed Jan. 21-23, as the cold airmass gradually moderated with high pressure the dominant feature in the area. During the last week of January, temperatures were below normal on several days.

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