

Climate and Weather Summary for January 2020

Temperatures in January averaged well-above normal at Abilene and San Angelo. Precipitation was above normal at both locations, especially at Abilene. Table 1 summarizes January 2020 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 January Precipitation (In.)
Abilene	49.7°	4.8°	44.9°	1.83"	0.81"	1.02"
San Angelo	51.3°	4.9°	46.4°	1.12"	0.19"	0.93"

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	76° on Jan. 27	56° on Jan. 9	42° on Jan. 30	24° Jan. 31	1.19" on Jan. 16
San Angelo	82° on Jan. 14	56° on Jan. 9	44° on Jan. 30	24° on Jan. 7	0.85" on Jan. 16

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

- 9th warmest January on record at San Angelo.
13th warmest January on record at At Abilene.
- In January, no snowfall was recorded at San Angelo.
Abilene January snowfall was 1.0 inches (on Jan. 11).
- The main precipitation event for the month occurred in the middle of January.

A Map of total precipitation for January is shown in Figure 1 (below). Percentage of normal precipitation for January is shown in Figure 2.

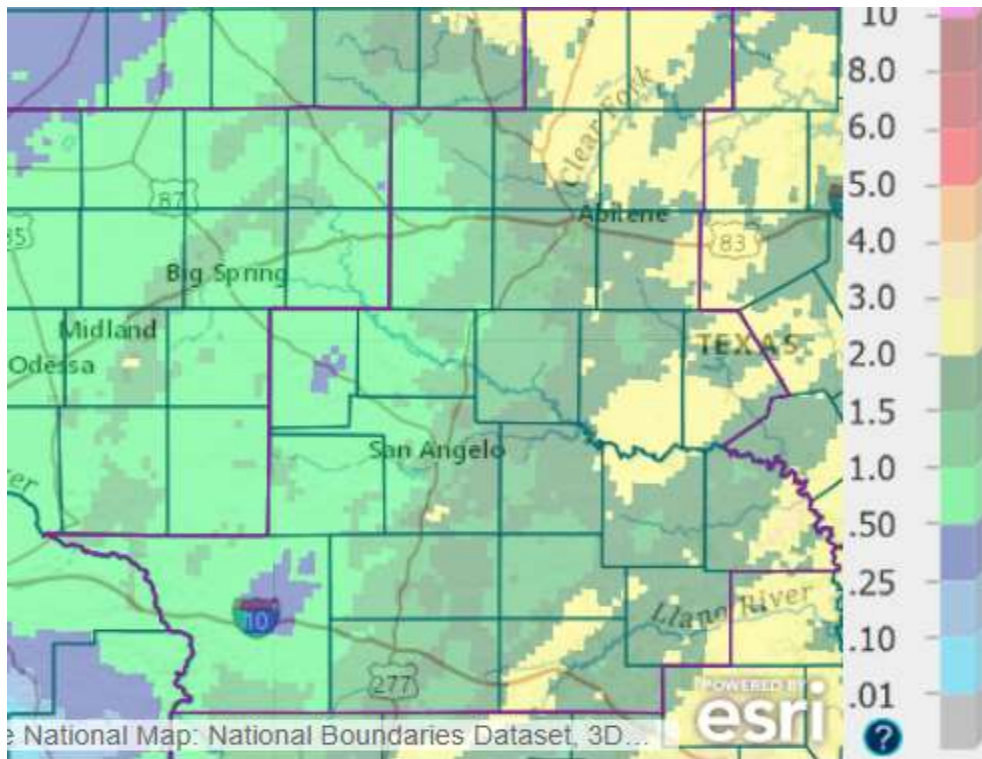


Figure 1: Total Precipitation for January.



Figure 2: Percentage of Normal Precipitation for January.

January precipitation ranged from less than one-half inch to over 2 inches (Figure 1). Overall, the higher precipitation amounts were across the northern and eastern parts of [west-central Texas](#). Precipitation for January varied from below to well-above normal (Figure 2).

Weather Highlights:

The weather pattern was quiet during the first week of January. With dry conditions and mostly clear skies, daily ranges in temperatures were fairly large (30-40 degrees between morning lows and afternoon highs). Gusty south winds occurred on Jan. 8, with several locations having gusts over 40 mph (Table 1).

Location	Peak Wind Gust (mph)
Abilene (Airport)	41
Mertzon	42
Rotan (5 W)	40
San Angelo (Airport)	45
Sweetwater (11 SW)	41
Wall	40
Weinert	41

Table 3: Peak Wind Gusts on Jan. 8.

With a return of low-level moisture, daily low temperatures were much warmer on Jan. 9-10. On Jan. 9, a new daily record high minimum temperature was set (56 degrees) at San Angelo, and a daily record high minimum temperature was tied (56 degrees) at Abilene.

Some light snow occurred across the Big Country and Abilene area, between Midnight and 6 AM on Jan. 11. Temperatures dropped into the lower 30s following a cold frontal passage, and a strong upper level disturbance brought precipitation to the area. Abilene recorded 1 inch of snowfall.

Afternoon temperatures were warm and well-above normal on Jan. 14. A daily record high temperature was tied (82 degrees) at San Angelo.

Following a strong cold frontal passage Jan. 15-16, temperatures on the 16th were much colder. With the arrival of an upper level disturbance from the southwest, an overrunning setup developed with

numerous showers and a few thunderstorms on Jan. 16. Some light freezing rain occurred across the Big Country on the night of Jan. 16, as temperatures dropped to or just below the freezing mark. Minor ice accumulations were reported in trees and elevated objects across parts of the Big Country north and west of Abilene. Temperatures climbed into the 50s the following day on the 17th, and additional showers occurred across west-central Texas. Total rainfall for Jan. 16-17 is captured in the 7-day rainfall map shown in Figure 3.

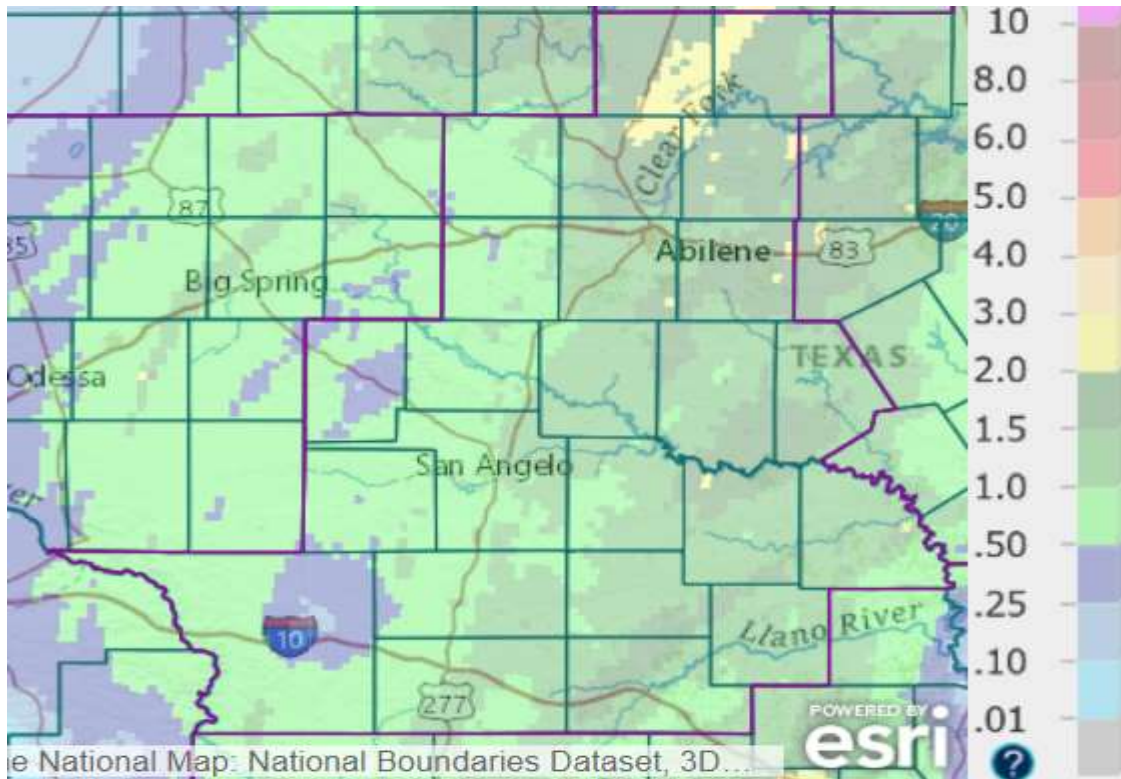


Figure 3: Rainfall for the 7-day Period ending at 6 AM, Jan. 19.

Rainfall amounts of 1-2 inches were common across much of the area east of Highway 277 in the southern and central parts of west-central Texas, and across much of the Big Country. The highest amounts (2-3) inches occurred across parts of the Big Country. With the dry conditions which had prevailed during the past 30 days, this rainfall was beneficial in the short term.

With the influence of a high pressure system extending into Texas from parts of the Plains and Midwest, dry conditions with slightly below normal temperatures occurred Jan. 18-20, with clear to partly cloudy skies.

In the final 10 days of the month, temperatures averaged above normal through Jan. 28. With the approach and arrival of an upper level disturbance, showers occurred across the area southeast of an Ozona to San Angelo to Cross Plains line on Jan. 28. Isolated thunderstorms occurred east of a Brownwood to Junction line. Rainfall amounts mostly varied between one quarter and three quarters of an inch, and a few locations received higher amounts to around one inch. Temperatures trended colder

during the last few days of the month. With considerable cloud cover on Jan. 30, highs were mostly in the 40-45 degree range.

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