

## Climate and Weather Summary for November 2019

Temperatures in November averaged below normal at Abilene and slightly below normal at San Angelo. Precipitation was above normal at Abilene and slightly above normal at San Angelo. Table 1 summarizes November 2019 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 November Precipitation (In.)
Abilene	52.5°	-2.1°	54.6°	2.01"	0.60"	1.41"
San Angelo	54.6°	-0.7°	55.3°	1.16"	0.02"	1.14"

**Table 1: November 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	86° on Nov. 4	59° on Nov. 20	37° on Nov. 12	20° on Nov. 12	1.76" Nov. 7
San Angelo	91° on Nov. 4	62° on Nov. 6	43° on Nov. 12	25° on Nov. 12	0.71" Nov. 7

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

- A trace of snow was recorded at Abilene in November. A trace of snow (in the form of sleet) was recorded at San Angelo.
- At Abilene, a daily record low temperature was set on Nov. 1 (28 degrees), and was tied on Nov. 12 (20 degrees). A daily rainfall record was set on Nov. 7 (1.76 inches).
- At San Angelo, a daily record low temperature was set on Nov. 1 (26 degrees), and a daily record high temperature was tied a few days later on Nov. 4 (91 degrees). A daily rainfall record was set on Nov. 7 (0.71 inches).

A map of total precipitation for November is shown in Figure 1. Percentage of normal precipitation for November is shown in Figure 2.

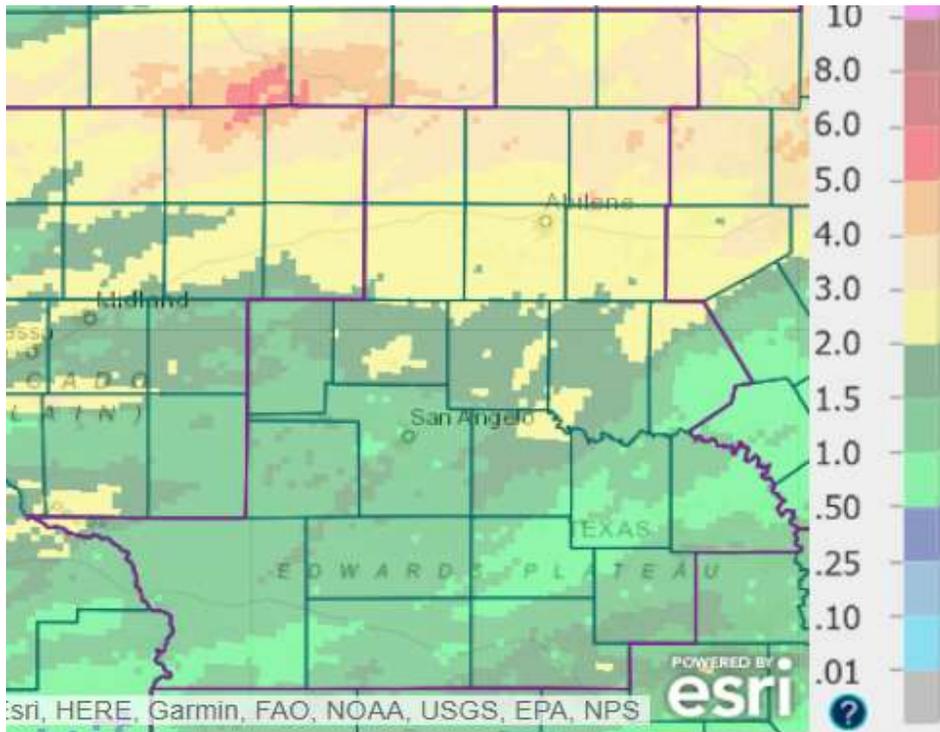


Figure 1: Total Precipitation for November.

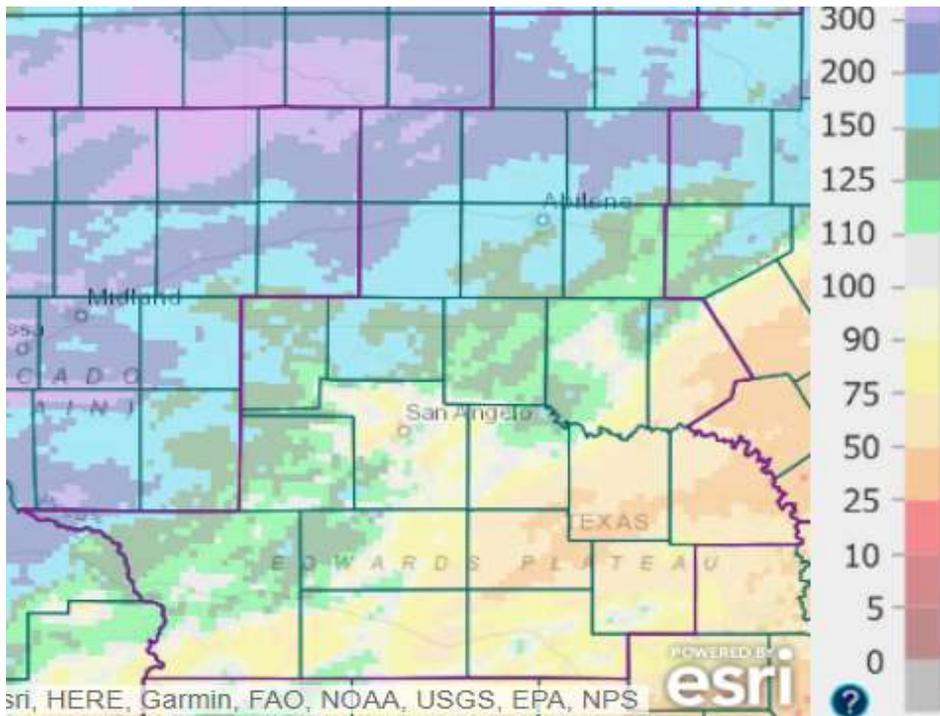


Figure 2: Percentage of Normal Precipitation for November.

Rainfall for November varied from well-above across some of the Big Country, to well-below normal across southeastern parts of [west-central Texas](#) (Figures 1 and 2).

### **Weather Highlights:**

November began on a cold note, with daily record low temperatures at Abilene (28 degrees) and San Angelo (26 degrees) on Nov. 1. Afternoon temperatures were very warm and well-above normal on Nov. 4, when a record high temperature (91 degrees) was tied at San Angelo.

Wet weather occurred on Nov. 7, with much needed rainfall for west-central Texas. With the approach of an upper level disturbance and arrival of a strong cold front, showers and thunderstorms occurred with widespread coverage. The heaviest rainfall (1-3 inches) occurred across the Big Country. A new daily rainfall record (1.76 inches) was set at Abilene. For central and southeastern parts of west-central Texas, rainfall amounts were generally between one-half inch and 1.5 inches. A new daily record rainfall (0.71 inches) was set at San Angelo.

After highs in the mid 70s to around 80 on Nov. 6, temperatures were 30-40 degrees colder behind the cold front on Nov. 7.

Winter-like conditions occurred on the Veteran's Day holiday (Nov. 11). A strong cold frontal passage in the morning was followed by sharply colder temperatures and brisk north winds. Peak wind gusts were 40-50 mph across the Big Country. With the approach of an upper level disturbance from the southwest, light wintry precipitation occurred. Light snow and sleet were reported in the Big Country, with light freezing rain and sleet across central and southern parts of west-central Texas. With warm ground conditions and the light, patchy nature of the precipitation however, no accumulations were reported. Early morning low temperatures on Nov. 12 were 15-20 degrees across most of the Big Country, and a daily record low temperature (20 degrees) was tied at Abilene. Lows farther south across west-central Texas were mostly in the lower to mid 20s. North winds lowered wind chill values into the 5-15 degree range early on Nov. 12. Even with mostly sunny skies, temperatures remained unseasonably cold on Nov. 12, as an unusually strong high pressure system settled south across the area. Afternoon highs ranged from in the mid to upper 30s across most of the northern half of the area, to the lower to mid 40s across the southern half.

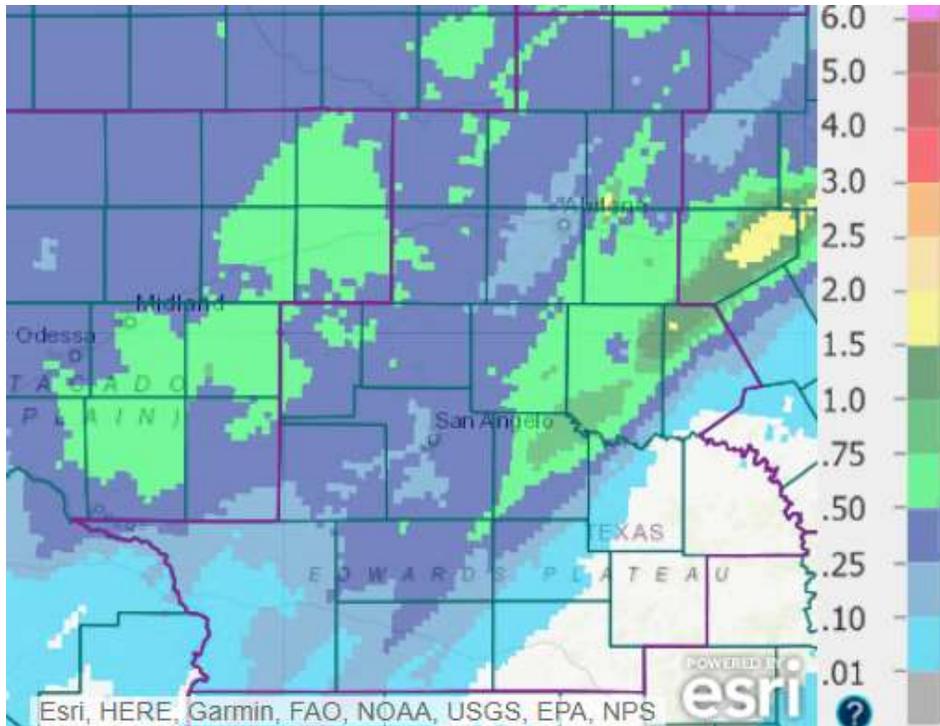
A slow moderation in temperatures followed on Nov. 13-14. A period of dry and much warmer weather occurred Nov. 18-19. Highs on the 19<sup>th</sup> were in the upper 70s to lower 80s.

A few showers and thunderstorms occurred on Nov. 20 with low coverage. Scattered showers and a few thunderstorms occurred during the overnight hours of Nov. 21-22, following a cold frontal passage and with the arrival of an upper level disturbance. Where the showers and storms occurred, rainfall amounts mostly varied under one quarter of an inch.

With passage of the cold front, temperatures were much cooler (in the 40s to lower 50s) across the Big Country area on the afternoon of Nov. 21, and across all of west-central Texas on Nov. 22.

Conditions were pleasant Nov. 23-24 with mostly clear skies and a warming trend in temperatures. Afternoon temperatures were warm and well-above normal on Nov. 25-26. Highs were 80-85 degrees across much of the central and southern parts of the area on both of those days.

Following a strong cold frontal passage, temperatures were colder on Nov. 27-28. With the approach of an upper level disturbance, showers with widespread coverage occurred on Nov. 28. Where the showers occurred, rainfall amounts varied mostly between one quarter and three quarters of an inch (Figure 3).



**Figure 3: Rainfall for the 24-hour period ending at 6 AM, November 28.**

Dry and warmer conditions occurred on the final two days of the month. Gusty west winds followed a weak and dry cold frontal passage on Nov. 30.

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