

## Climate and Weather Summary for November 2021

Temperatures in November averaged above normal at San Angelo and Abilene. Precipitation was slightly below normal at San Angelo, and well-below normal at Abilene. Table 1 summarizes November 2021 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 Nov. Precipitation (In.)
Abilene	57.7°	2.2°	55.5°	0.24"	-1.16"	1.40"
San Angelo	57.7°	1.8°	55.9°	1.04"	-0.12"	1.16"

**Table 1: Nov. 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)	Coolest High Temperature (°F)	Coldest Low Temperature (°F)	Maximum Daily Precipitation (In.)
Abilene	86° on Nov. 16	62° on Nov. 16	48° on Nov. 3	31° on Nov. 22	0.15" Nov. 3
San Angelo	87° on Nov. 16	57° on Nov. 9	50° on Nov. 3	31° Nov. 13, 22	1.04" Nov. 3

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

- Abilene first Autumn freeze occurred on Nov. 22 (average date of first freeze is Nov. 11).
- San Angelo first Autumn freeze occurred on Nov. 13 (average date of first freeze is Nov. 10).

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

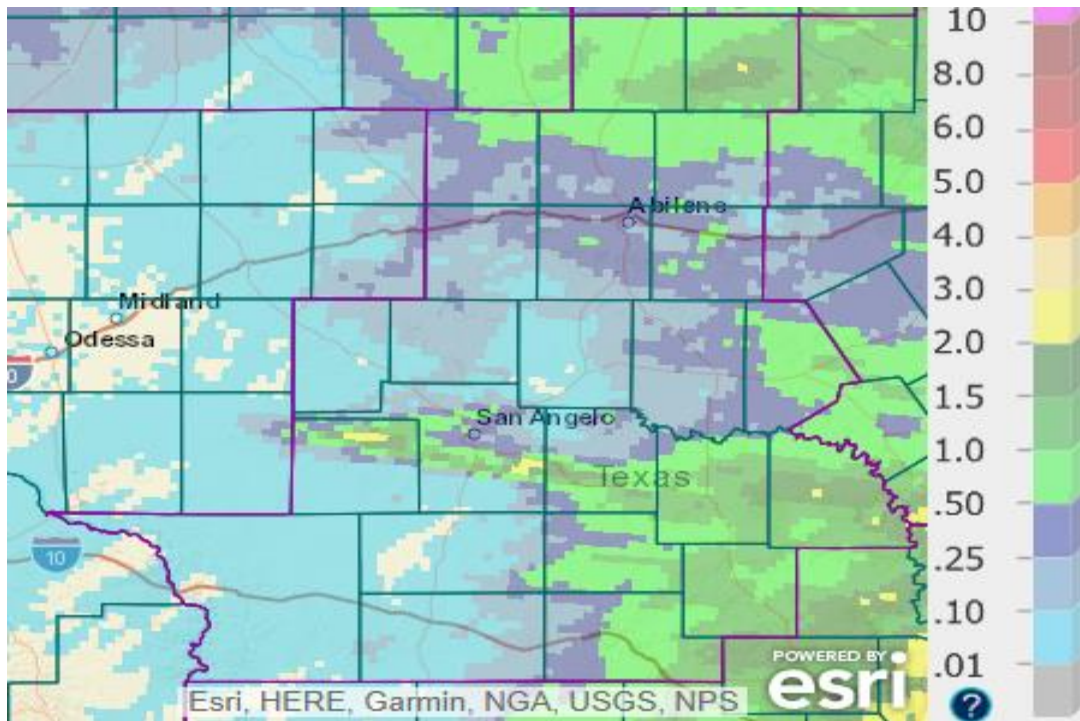


Figure 1: Total Precipitation for November.

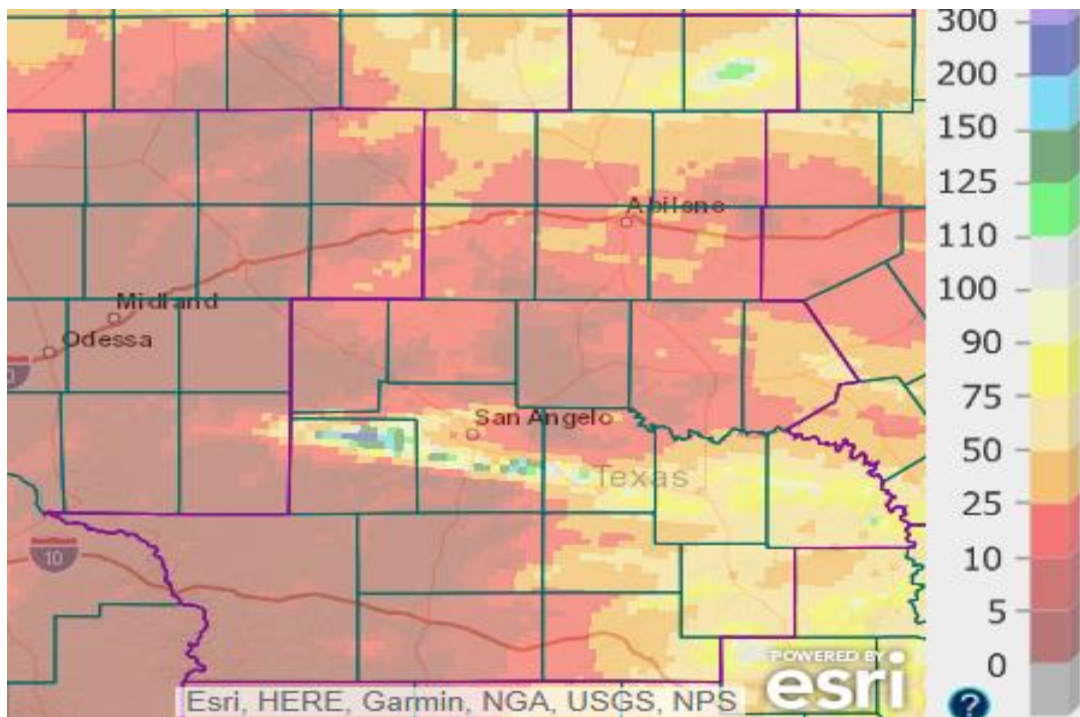


Figure 2: Percentage of Normal Precipitation for November.

Total rainfall for November ranged from near zero (white shading in Fig. 1) to over 2 inches (yellow shading in Fig. 1). Overall precipitation for November was well-below normal for much of [west-central](#)

[Texas](#) (red shading in Fig. 2). November rainfall was less than one quarter of an inch across much of the Concho Valley, Northern Edwards Plateau, and parts of the Heartland and southwestern Big Country (Fig. 1). For most of the afore mentioned area, this monthly rainfall was less than 10 percent of normal (Fig. 2). The only exceptions with above normal rainfall were in Throckmorton County, and in a narrow east-west band in Irion and Tom Green Counties.

### **November 2021 Weather Highlights**

The overall weather for November was marked by extended periods of dry weather, with occasional dry cold frontal passages.

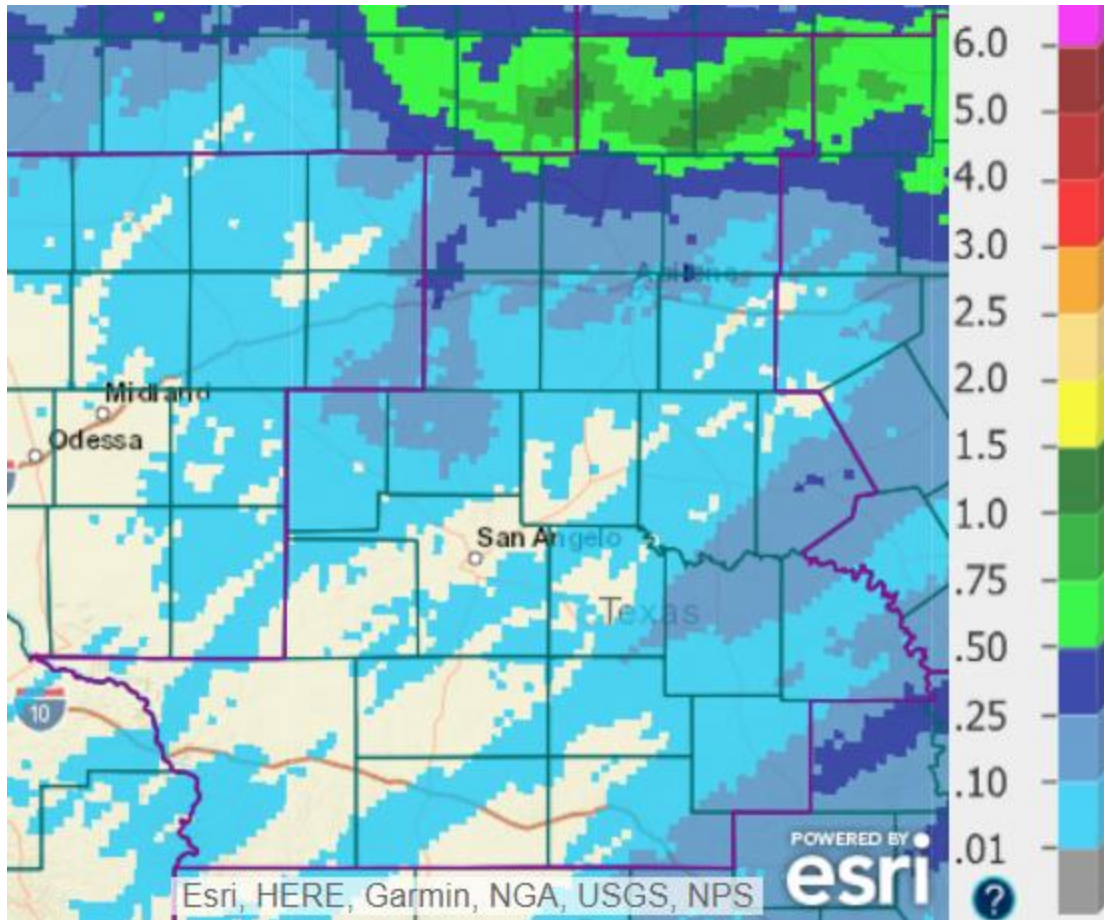
Chilly, wet weather occurred on Nov. 3. Scattered to numerous showers and thunderstorms occurred across central and eastern parts of the area, with moderate to heavy rain. Hail up to pea size briefly occurred near the San Angelo Airport. With cloudy skies, daytime temperatures on Nov. 3 were only in the mid 40s to mid 50s. Temperatures remained cool with highs in the 50s on Nov. 4, with cloudy skies.

Temperatures were warm on Nov. 7-8 with breezy south winds and an increase in low-level moisture. Above normal temperatures continued Nov. 9-10, and highs were in the upper 70s to lower 80s on Nov. 10.

Temperatures were warm and well-above normal on Nov. 15-16, when highs were in the 80s. New record highs were set at San Angelo on the 15<sup>th</sup> (86 degrees) and the 16<sup>th</sup> (87 degrees). At Abilene, a new record high was set on the 15<sup>th</sup> (86 degrees).

Light freezes occurred in piecemeal fashion, on several occasions during the month. These occurred on nights with clear skies, dry air and light winds when surface high pressure systems settled into the area.

Late in the month, rain showers occurred on Nov. 27, with the approach and arrival of an upper level disturbance. Fig. 3 shows rainfall for the 24-hour period ending at 6 AM, Nov. 28.



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

A band of more concentrated of more concentrated rain occurred across the northern Big Country, where rainfall amounts were one half to one inch with localized higher totals. Elsewhere the amounts varied mostly under one quarter of an inch.

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