

Climate and Weather Summary for November 2023

Temperatures in November averaged above normal at Abilene and slightly above normal at San Angelo. Precipitation was below normal at San Angelo and well-normal at Abilene. Table 1 summarizes November 2023 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	57.2°	1.7°	55.5°	0.13"	-1.27"	1.40"
San Angelo	56.2°	0.3°	55.9°	0.75"	-0.41"	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)	Coldest High Temperature (°F)	Coldest Low Temperature (°F)	Maximum Daily Precipitation (In.)
Abilene	93° on Nov. 8	65° on Nov. 6	53° on Nov. 26	25° on Nov. 27	0.09" Nov. 9
San Angelo	92° on Nov. 8	61° on Nov. 6	53° on Nov. 27	28° Nov. 1, 27	0.47" Nov. 13

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

- Abilene set a new record high temperature for the month of November (93 degrees) on Nov. 8.
- San Angelo new daily record rainfall on Nov. 13 (0.47 inches).

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

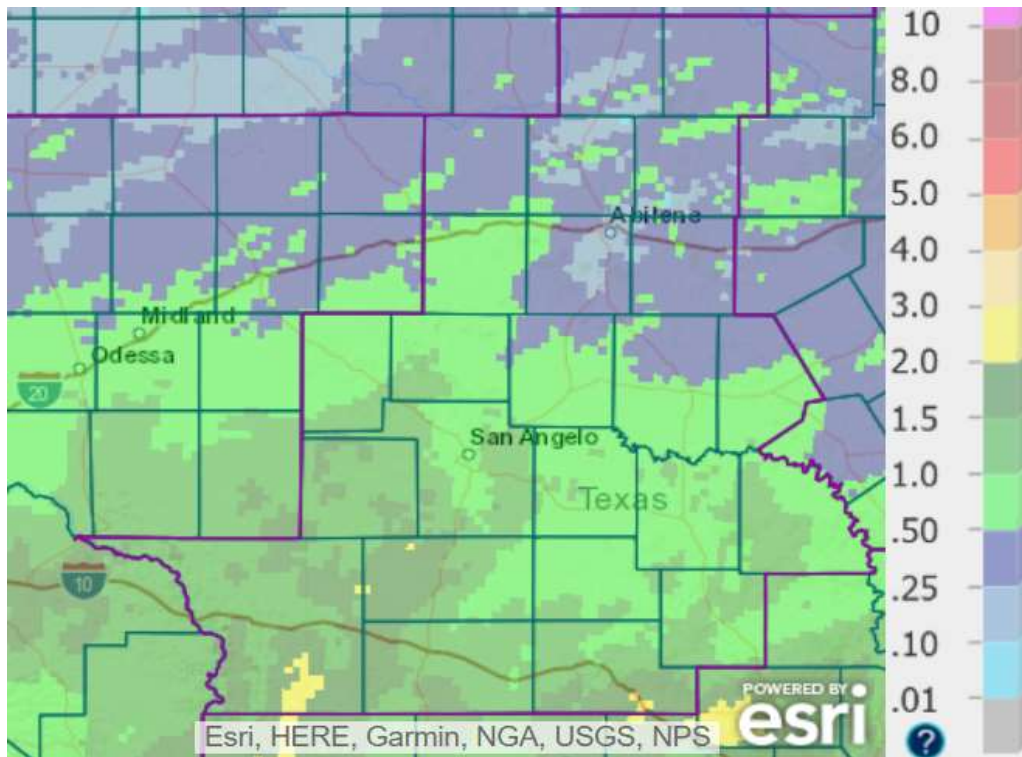


Figure 1: Total Precipitation for November.

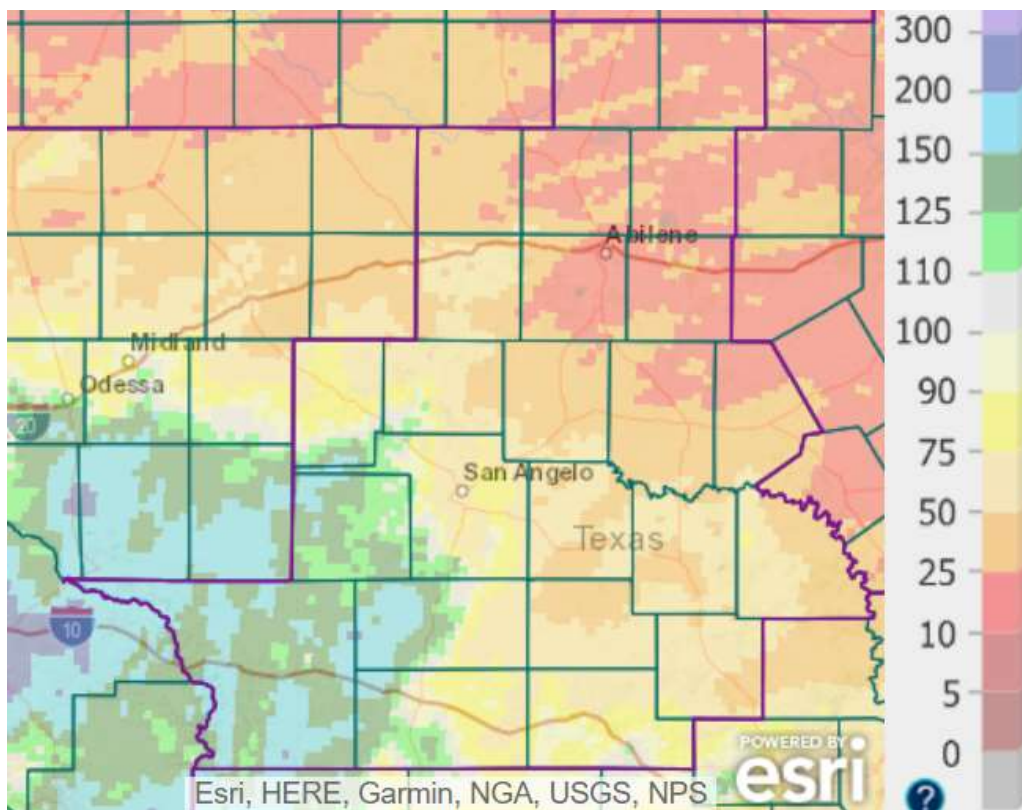


Figure 2: Percentage of Normal Precipitation for November.

Precipitation for November varied from above to well-below normal across [west-central Texas](#). The monthly precipitation was generally well-below normal across northern and eastern parts of the area (orange and red shading in Fig. 2), and above normal in the southwestern part of the area (Fig. 2, green and blue shading in the western parts of the [Northern Edwards Plateau and Concho Valley](#)). For much of the [Big Country and northern Heartland](#) areas, November precipitation was less than 25 percent of normal (including Abilene).

November 2022 Weather Highlights

The weather pattern was quiet in the first week of November. A freeze occurred area wide Nov. 1, with early morning lows in the mid 20s to lower 30s. A warming trend followed Nov. 2-5. Temperatures were warm and well-above normal Nov. 6-8, and a few temperature records were noted at San Angelo and Abilene. At San Angelo, a daily record high was tied (91°) Nov. 7. The high of 93° at Abilene Nov. 8 was not only a new record high for the date, but also for the month of November. The previous record high for the month (and for the date) was set on November 8, 1980. A new daily record high of 91° was set at Abilene Nov. 7.

After highs mostly in the mid 80s to lower 90s Nov. 8, an abrupt weather change to much cooler and rainy conditions occurred Nov. 9. Following an early day strong cold frontal passage, temperatures slowly dropped through the day. By late afternoon, temperatures were in the upper 40s to lower 50s across the Big Country, the lower to mid 50s in the Concho Valley, and in the mid to upper 50s in southern parts of the area. With the approach of an upper level disturbance, numerous showers occurred across the area Nov. 9.

Cloud cover persisted over the area Nov. 11-12 and temperatures remained cool. With the approach and arrival of another upper level disturbance from northern Mexico, numerous light to moderate rain showers occurred Nov. 13. Most of the showers occurred in southern and central parts of [west-central Texas](#), but extended as far north as southern and central parts of the Big Country. Rainfall amounts (Fig. 3 below) were mostly between one quarter of an inch and 1 inch, with a few localized higher amounts.

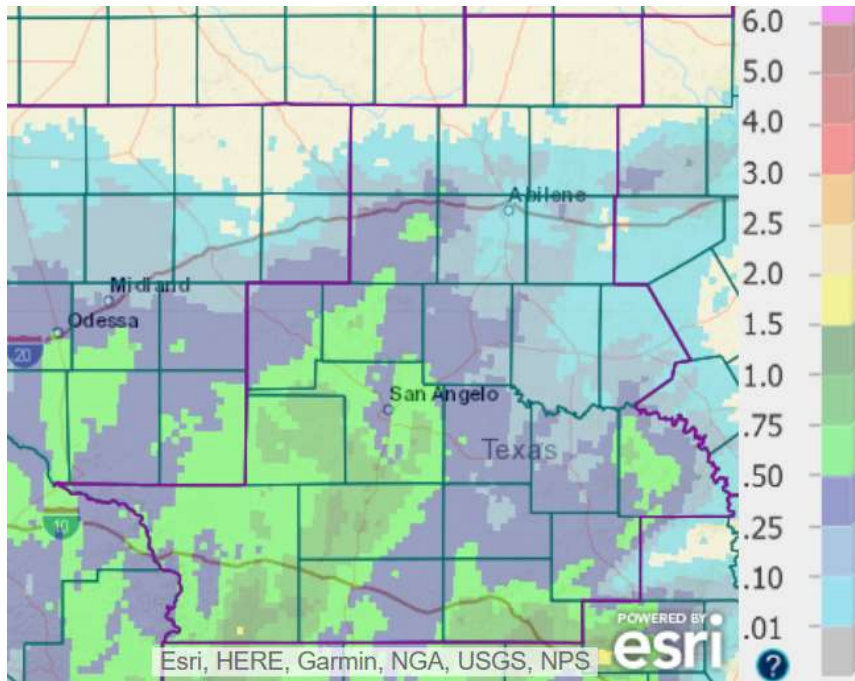


Figure 3: Rainfall for the 24-hour Period ending at 6 AM, Nov. 14.

Patchy dense fog (with localized visibility less than one quarter of a mile) occurred in the early morning hours of Nov. 15-16. The fog was in the Concho Valley and Crockett County on the 15th, and in the Northern Edwards Plateau and Irion County on the 16th.

A weak cold front moved south into the area Nov. 17. In the Big Country behind this front, temperatures were cooler with cloudy skies, drizzle and fog. The image below, posted on our office Facebook page, is from one of the Texas Department of Transportation cameras along Interstate 20 (Callahan County).



With the approach of an upper level disturbance from the southern Rockies, scattered showers and a few thunderstorms occurred across the Big Country, eastern Concho Valley, and east of an Eden to Junction line on the morning of Nov. 19. Rainfall amounts (not shown) were mostly less than one quarter of an inch, but a few locations received one quarter to one half inch. Temperatures reached the lower to mid 70s for afternoon highs where skies had cleared from the west.

Patchy fog (locally dense) occurred on the early morning of Nov. 20 in central and southern parts of the area. The foggy picture below was taken from the National Weather Service office in San Angelo.



Following a cold frontal passage Nov. 20, temperatures were much cooler with breezy north winds Nov. 21.

With the influence of weak high pressure systems, skies were generally clear Nov. 22-24, with daily highs in the 60s and lows mostly in the 30s. Low-level moisture and cloud cover returned to the area Nov. 25.

A cold front moved south across the area during the overnight of Nov. 25-26, and an upper level disturbance moved into the central and southern Plains. With this setup, a few light rain showers occurred in mainly northern and eastern parts of the area. In the wake of the cold frontal passage, colder temperatures were accompanied by breezy north winds Nov. 27. Despite clearing skies, temperatures were limited to 50-55 degrees for highs. The chilly air remained over the area Nov. 28.

With a return of south and southwest winds, temperatures were considerably warmer during the final few days of the month. Winds were increased and breezy Nov. 29-30.

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