

## Climate and Weather Summary for October 2025

Temperatures in October averaged well-above normal at Abilene and San Angelo. Precipitation was well-below normal Abilene and San Angelo. Table 1 summarizes October 2025 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 Oct. Precipitation (In.)
Abilene	73.6°	6.6°	67.0°	0.27"	-2.56"	2.83"
San Angelo	72.5°	5.4°	67.1°	Trace	-2.42"	2.42"

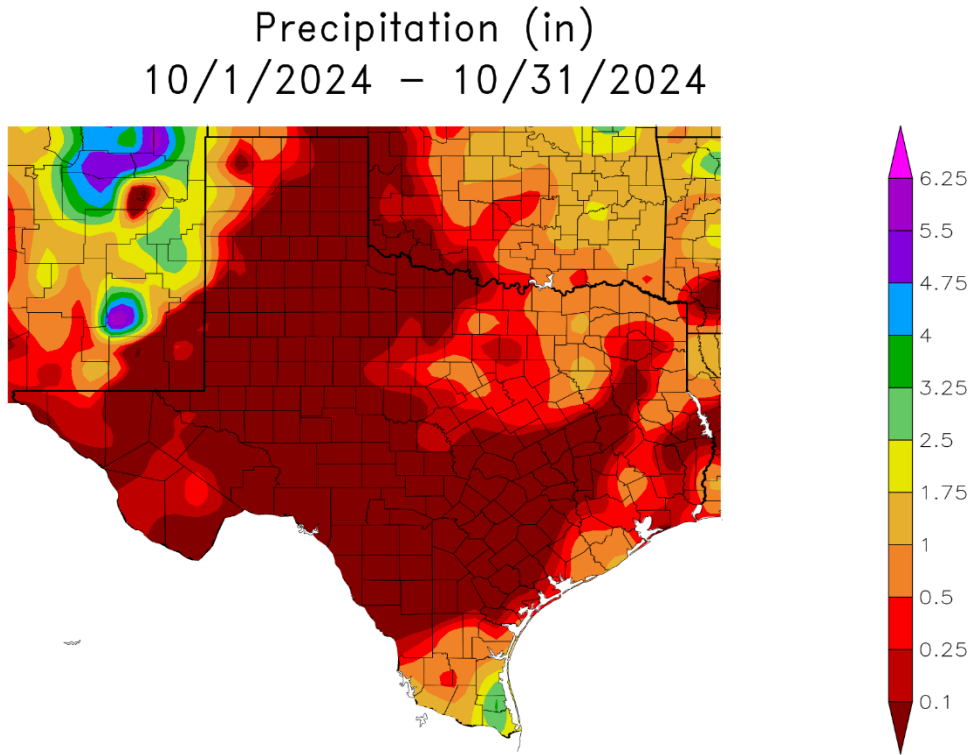
**Table 1: Oct. Climate Data for Abilene and San Angelo.**

Additional temperature and precipitation data for Abilene and San Angelo is summarized in Table 2.

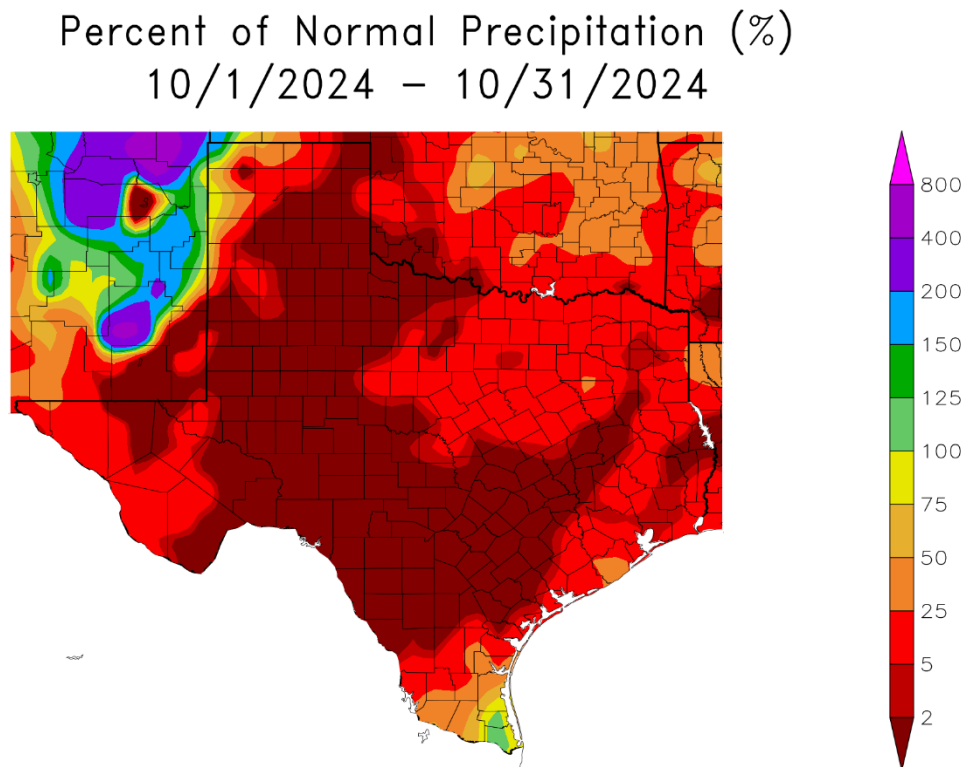
Site	Warmest High Temperature (°F)	Warmest Low Temperature (°F)	Coollest High Temperature (°F)	Coollest Low Temperature (°F)	Maximum Daily Precipitation (In.)
Abilene	97° on Oct. 13	69° on Oct. 29	69° on Oct. 16	47° Oct. 17	0.27" Oct. 30
San Angelo	99° on Oct. 13	71° on Oct. 30	73° Oct. 16, 18	44° on Oct. 17	Trace Oct. 31

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

- Warmest October on Record at San Angelo and Abilene.
- San Angelo Tied its 3rd driest October, and Abilene set its 11h driest October.
- Maps of total precipitation and percentage of normal precipitation, for October, are shown in Figures 1 and 2 (next page).



**Figure 1: Total Precipitation for October.**



**Figure 2: Percentage of Normal Precipitation for October.**

October is climatologically one of the wetter months of the year in this area. Precipitation for this October, however, was well-below normal across all of west-central Texas (Fig. 2). The monthly precipitation was less than one tenth of an inch across all except parts of the eastern Big Country and eastern Heartland (Fig. 1).

### **October 2025 Weather Highlights**

Temperatures were consistently above normal Oct. 1-17, mainly with the daily highs. Upper level high pressure systems were frequently over Texas, and there was a lack of cold frontal passages. Daily highs were mostly in the mid 80s to lower 90s.

The arrival of an upper level disturbance brought showers and thunderstorms to the northern half of west-central Texas on the morning of Oct. 18. The Abilene Regional Airport received 0.28 inches. A dryline advanced east across the area in the afternoon and was followed by very warm and dry conditions with breezy west winds. Following a nighttime cold frontal passage, temperatures were cooler and closer to normal Oct. 19.

Temperatures were very warm to hot Oct. 20 with gusty south to southwest winds, and a dryline advanced east across some of the area. Afternoon highs were in the lower to mid 90s. After a nighttime cold frontal passage, temperatures were cooler and closer to normal Oct. 21. With clear skies, dry air and light winds, temperatures dipped into the 40s for early morning lows across much of the area Oct. 22.

Warm and more humid conditions occurred with a south breeze Oct. 23-24, with the approach of a storm system from the west. Isolated to scattered showers and thunderstorms occurred mainly in the Big Country during the overnight hours of Oct. 23-24. With the approach of a strong upper level disturbance, a large area of showers and thunderstorms overspread the area Oct. 24, in the afternoon to nighttime hours. A 59 mph wind gust was recorded with storms at the Brownwood Airport. Rainfall amounts of 0.75 inches to 1.5 inches occurred across most of west-central Texas. Smaller areas received higher amounts (1.5 inches to 3 inches).

Rainfall amounts for Oct. 24 are shown in Fig. X.

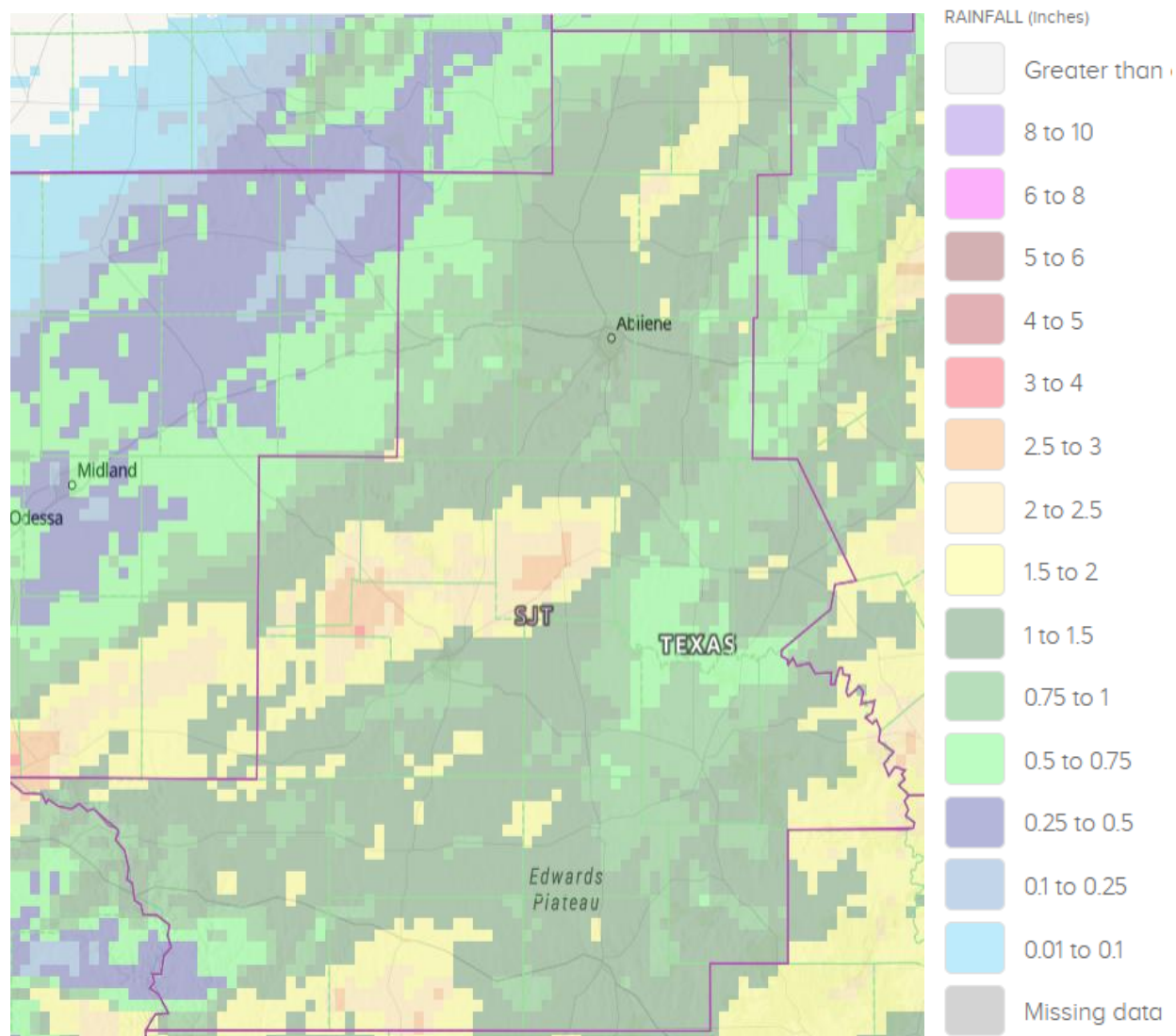


Fig. X: Rainfall amounts for the 24-hour period ending at 7 AM, October 25.

After an extended time period with dry weather, this rainfall was beneficial in the short term for the area. A combination of mostly clear skies, light winds and lingering moist air resulted in areas of dense fog in the early morning hours Oct. 25. Visibilities were one-quarter of a mile or less at numerous locations.

Additional showers and thunderstorms occurred over southeastern parts of the area Oct. 25, in the afternoon hours ahead of a weak cold front.

With increased south-southwest winds and plentiful sunshine, temperatures reached the upper 80s to lower 90s for afternoon highs Oct. 27.

Gusty north winds and much cooler air followed a strong cold frontal passage Oct. 28. Shortly after the frontal passage, peak wind gusts exceeded 40 mph at a number of locations across the Big Country, including the Abilene Airport (46 mph). Highs ranged from the upper 60s to upper 70s.

The following day (Oct. 29) was cooler still, when highs were mostly in the 60-65 degree range. Breezy north winds during much of the day decreased by evening. A combination of clear skies, light winds and dry air allowed temperatures to drop into the mid 20s to mid 30s across most of the area for early morning lows Oct. 30. This marked the first freeze of the Fall season. The table below lists the lows at or below 32 degrees for some locations in west-central Texas.

### **Morning Low Temperatures At Or Below Freezing October 30**

<b>location</b>	<b>Low Temperature</b>
<b>San Angelo</b>	<b>29°</b>
<b>Abilene (Mesonet)</b>	<b>31°</b>
<b>Brownwood</b>	<b>30°</b>
<b>Brady</b>	<b>32°</b>
<b>Junction (Mesonet)</b>	<b>26°</b>
<b>Wall (Mesonet)</b>	<b>30°</b>
<b>Stamford (Mesonet)</b>	<b>32°</b>
<b>Sterling City (Mesonet)</b>	<b>27°</b>
<b>Menard (Mesonet)</b>	<b>27°</b>
<b>Mertzon (Mesonet)</b>	<b>27°</b>

The Abilene Airport narrowly escaped a freeze, with a low of 31 degrees.

The cool airmass lingered into Oct. 31, when morning lows were in the 30s at numerous locations.