Climate and Weather Summary for February 2025

Temperatures in February averaged slightly below normal at Abilene and San Angelo. Precipitation was well-below normal at both locations. Snowfall for the month was a trace at Abilene and San Angelo. Table 1 summarizes February 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 Feb. Precipitation (In.)
Abilene	49.3°	-0.8°	50.1°	0.01”	-1.28”	1.29”
San Angelo	51.2°	-0.3°	51.5°	0.27”	-0.93”	1.20”

Table 1: Feb. 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	89° on Feb. 8	60° Feb. 3	24° on Feb. 18	9° on Feb. 19	0.01” Feb. 10
San Angelo	92° on Feb. 8	52° on Feb. 2	26° on Feb. 19	14° Feb. 19, 20	0.25” Feb. 11

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

- Temperatures were unseasonably warm in the first week of February.
- A cold snap occurred in the middle of the month (Feb. 18-21).
- The monthly range in temperatures (between the warmest daily high temperature and coldest daily low temperature) was 80 degrees at Abilene, and 78 degrees at San Angelo.

Maps of total precipitation and percentage of normal precipitation, for February, are shown in Figures 1 and 2 (next page). These maps are from the High Plains Regional Climate Center.

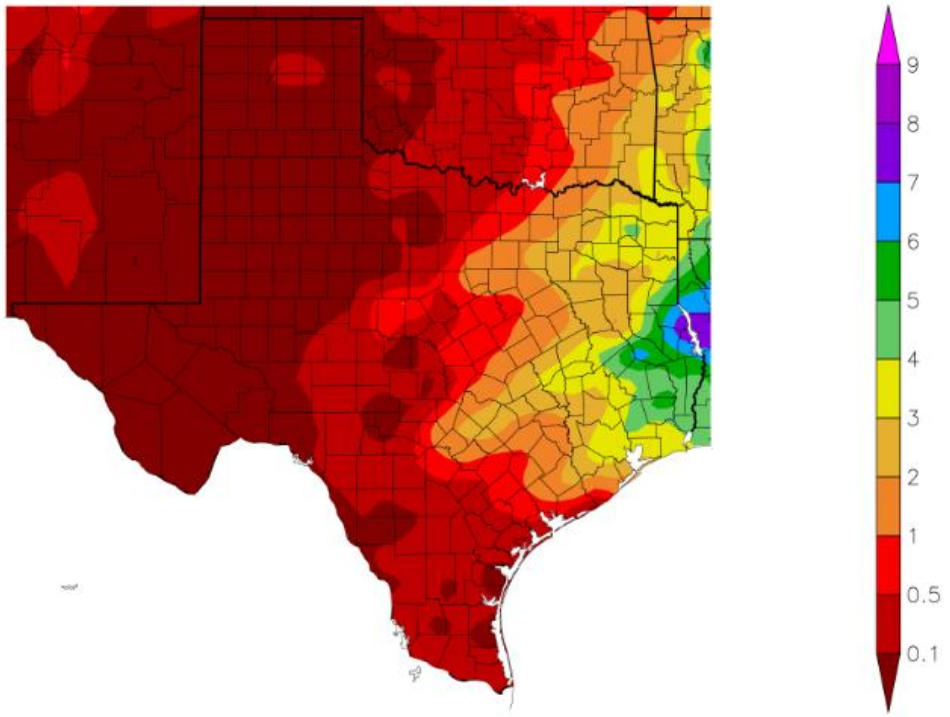

Figure 1: Total Precipitation for February.

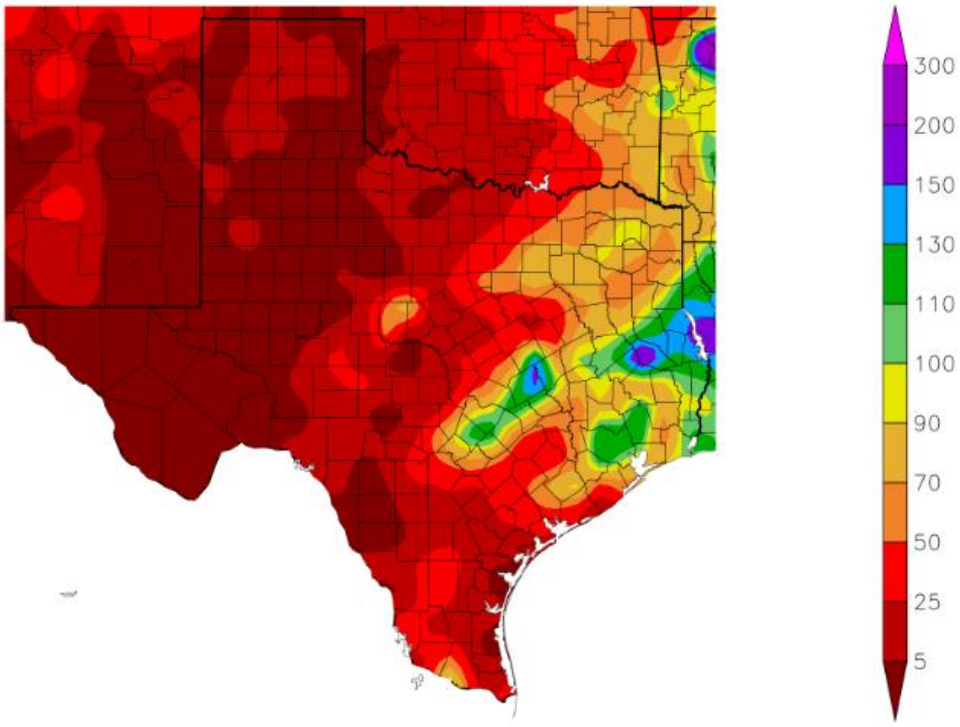

Figure 2: Percentage of Normal Precipitation for February.

February precipitation was mostly less than one half inch across west-central Texas (medium and dark red shading in Fig. 1). This precipitation was well-below normal and was less than 25 percent of normal across most of the area (medium and dark red shading in Fig. 2).

February 2025 Weather Highlights

The first week of the month was marked by unseasonably warm temperatures. Highs Feb. 2-3 and Feb. 5-7 were 19-26 degrees above normal. The table below shows the record warm temperatures set or tied at San Angelo and Abilene.

Temperatures were cooler Feb. 4, following a cold frontal passage. Unseasonably warm conditions returned Feb. 5 following a warm frontal passage. Areas of fog occurred in the early morning hours of Feb. 4 and Feb. 6-7. Localized dense fog with visibility one-quarter of a mile or less occurred at several locations.

Early February Record Warm Temperatures Set or Tied at San Angelo and Abilene

San Angelo		Abilene	
Feb. 2	83° (new record high)	Feb. 3	60° (new record warm low)
Feb. 3	88° (new record high)	Feb. 3	86° (new record high)
Feb. 6	86° (new record high)	Feb. 5	83° (tied record high)
Feb. 7	90° (new record high)	Feb. 6	87° (new record high)
Feb. 8	92° (new record high)	Feb. 7	86° (tied record high)
		Feb. 8	89° (new record high)

A stronger cold front moved south across the area during the afternoon and evening of Feb. 8. Gusty north to northeast winds followed its passage across northern and central parts of the area. Temperatures were colder Feb. 9 with increased cloud cover. Daytime temperatures remained colder than normal (highs in the upper 30s to mid 40s) as widespread cloud cover persisted Feb. 10-13. . As an upper level disturbance moved into the area, scattered showers and a few thunderstorms occurred generally southeast of a Big Lake to Cross Plains line, during the overnight hours of Feb. 10-11.

Areas of fog and drizzle occurred in northern and central parts of west-central Texas on the morning of Feb. 12.

Temperatures were much warmer Feb. 14-15. Highs were in the lower to mid 60s with breezy south winds Feb. 14. The following day, stronger and gusty west winds occurred in the afternoon, bringing an intrusion of much drier air into the area. Peak wind gusts were 40-50 mph across most of the area. With the west winds, dust was transported mostly aloft over the area in the afternoon and early

evening. Highs were generally in the 70s across the area, except for the northern Big Country where a cold front arrived in the afternoon.

An arctic cold front moved south across west-central Texas Feb. 18. Gusty north winds and falling temperatures followed passage of this front. A little patchy freezing fog occurred in northern and eastern parts of the area after temperatures dropped below freezing. A few snow flurries occurred initially in the Big Country, and then across the area farther south overnight into the morning of Feb. 19.

Temperatures plunged into the single digits and teens for morning lows Feb. 19. Most of the Big Country had lows 7-10 ° while most of the area farther south recorded lows 10-15°. Brisk north winds made it feel bitterly cold. Wind chill values were mostly between -7 degrees and 5 degrees. For the area generally north of Interstate 10, cloud cover limited highs to the 20s across most of the area, to around 30 in far southern parts of the area. New daily record cold high temperatures were set at Abilene (24°) and San Angelo (26°).

Temperatures were coldest the next night. Morning lows Feb. 20 were 5-9° in the Big Country, and 10-15° farther south across the rest of the area. New daily record low temperatures were set at Abilene (9°) and San Angelo (14°). On Feb. 20, a new daily record cold high temperatures was set at Abilene (31°), and the daily record cold high temperature was tied at San Angelo (33°).

With considerable cloud cover over much of the area, the cold air lingered over the area Feb. 21. After morning lows in the upper teens to mid 20s, highs were in the 30s across most of the area.

The airmass moderated Feb. 22 with increased sunshine and a return to light south winds. Afternoon highs were in the 50s. A strong warming trend followed Feb. 23-25, with southwest winds and changes in the upper level flow pattern. After a cold frontal passage, temperatures were cooler but still averaged slightly above normal on the last two days of the month.

Additional Tabular and Graphical Daily Climate Data