

Climate and Weather Summary for August 2025

Temperatures in August averaged well-above normal at San Angelo and Abilene. Precipitation was well-below normal at both locations. Table 1 summarizes August 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 Aug. Precipitation (In.)
Abilene	85.0°	0.8°	84.2°	1.60"	-0.93"	2.53"
San Angelo	83.5°	-0.6°	84.1°	2.60"	0.18"	2.42"

Table 1: Aug. 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)	Coolest Low Temperature (°F)	Maximum Daily Precipitation (In.)
Abilene	103° Aug. 9, 14	78° Aug. 9, 15	87° on Aug. 20	68° on Aug. 23	0.45" Aug. 20
San Angelo	101° Aug. 14, 24, 29	78° on Aug. 17	89° on Aug. 31	64° on Aug. 24	1.02" Aug. 30

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

- The number of days in August with high temperatures 100° or more were 10 at Abilene, and 7 at San Angelo.

Maps of total precipitation and percentage of normal precipitation, for August, are shown in Figures 1 and 2 below. These maps are from the High Plains Regional Climate Center.

Precipitation (in)
8/1/2025 – 8/31/2025

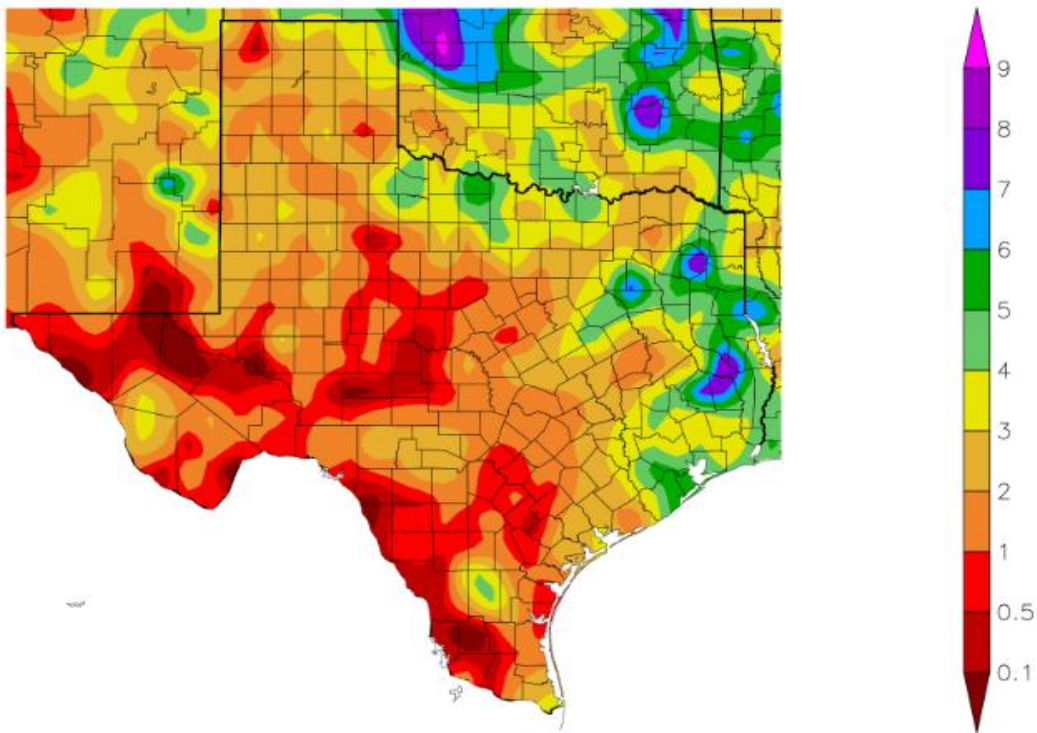


Figure 1: Total Precipitation for August.

Percent of Normal Precipitation (%)
8/1/2025 – 8/31/2025

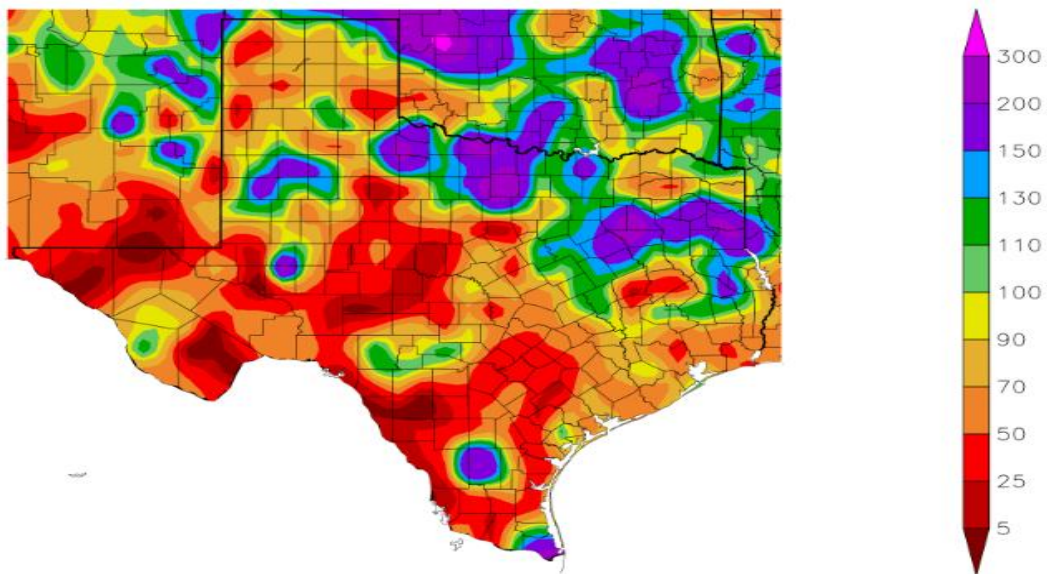


Figure 2: Percentage of Normal Precipitation for August.

Precipitation for August was below normal across most of the area, with the main exception in the far northeastern Big Country, where the monthly precipitation was above normal.

August 2025 Weather Highlights

With the area on the eastern periphery of an upper level high pressure system and northerly flow aloft, a few showers and thunderstorms occurred in far eastern and far western parts of the area Aug. 4. A few storms were strong to severe in parts of Irion and Crockett Counties. In Irion County, a Mesonet site near Mertzon recorded a 58 mph wind gust, and half-dollar size hail was reported at Sherwood. In Crockett County, 13 power poles were blown down 28 miles west-southwest of Ozona.

The upper level high pressure system was centered over New Mexico early in the month, but strengthened and expanded over Texas and the southern Plains. This resulted in hot and dry conditions for west-central Texas. The hottest temperatures were in the Big Country, where daily highs were 100 to 105 degrees Aug. 7-8.

The pattern was a bit more unsettled Aug. 11-13, when a couple of upper level disturbances moved east across the southern Plains and interacted with a moist and unstable airmass. Scattered showers and thunderstorms occurred in northern and western parts of west-central Texas Aug. 11. Widely scattered showers and thunderstorms occurred in the Big Country on the morning of Aug. 12. Scattered to numerous showers and storms occurred generally south of a Barnhart to San Angelo to Coleman line on the afternoon into the evening of Aug. 12. Most of the coverage was in southern and southeastern parts of west-central Texas. Additional isolated to scattered showers and storms occurred Aug. 13 southeast of an Abilene to Robert Lee to Big Lake line, primarily in the afternoon into the early evening hours.

Conditions were a little hotter and drier Aug. 14-15. Afternoon highs Aug. 14 were 100-105 degrees across most of the northern and central parts of west-central Texas. Isolated showers and storms occurred in far southern parts of the area Aug. 14.

In the middle and late parts of August, daily high temperatures were seasonably hot overall. Isolated to scattered showers and thunderstorms occurred on some days in various parts of the area. Some of the rainfall was locally heavy.