

Climate and Weather Summary for May 2024

Temperatures in May averaged above normal at Abilene and well-above normal at San Angelo. Precipitation was well-above normal at Abilene and below normal at San Angelo. Table 1 summarizes May 2024 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 May Precipitation (In.)
Abilene	76.0°	1.9°	74.1°	5.04"	1.83"	3.21"
San Angelo	79.3°	3.8°	75.5°	2.34"	-0.71"	3.05"

Table 1: May 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° on May 27	74° on May 21	70° on May 12	54° May 14, 17	2.72" May 30
San Angelo	105° on May 27	76° on May 21	76° on May 12	54° on May 14	0.70" May 26

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

- Very active May with numerous severe weather events.
- Abilene had 4 days in May with peak wind gusts 50 mph or greater (thunderstorm winds, outflow boundaries). The highest wind gust for the month was 70 mph May 2.
- San Angelo had 4 days in May with peak wind gusts 50 mph or greater (thunderstorm winds, outflow boundaries). The highest wind gust for the month was 73 mph May 23.
- The number of days in May with high temperatures 100 degrees or more were 6 in San Angelo, and 2 in Abilene.

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

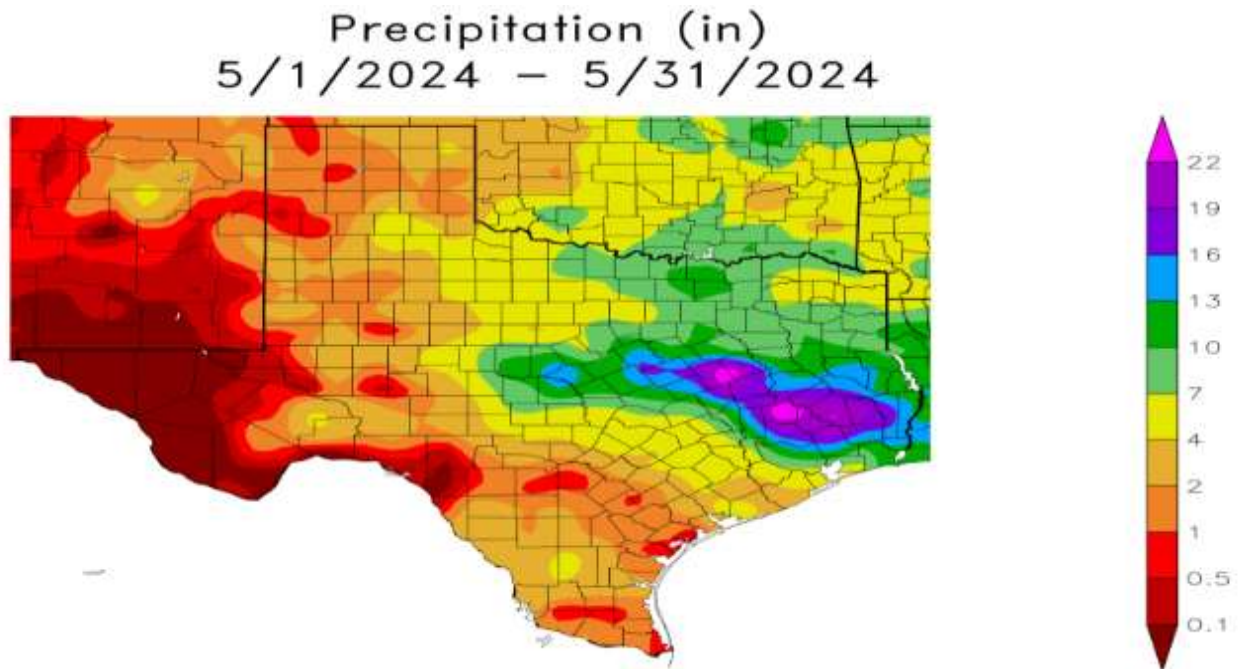


Figure 1: Total Precipitation for May.

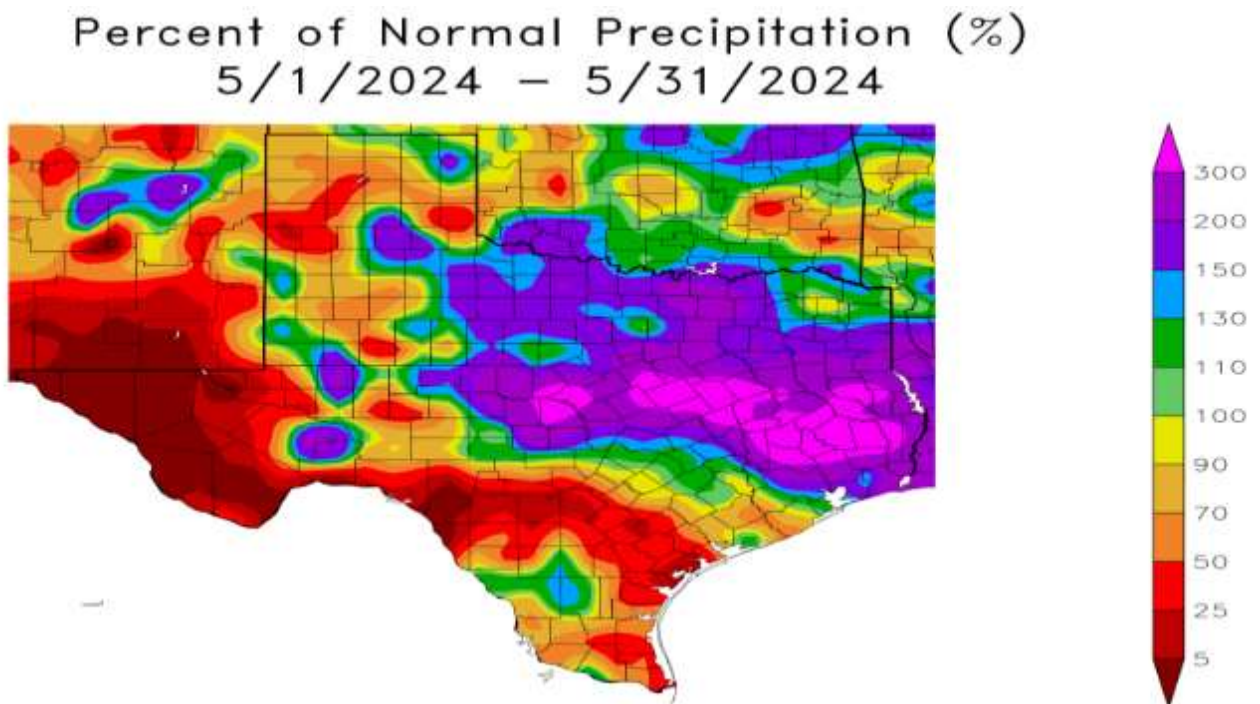


Figure 2: Percentage of Normal Precipitation for May.

May 2024 Weather Highlights

May was a very active month, with numerous severe weather events in west-central Texas. A monthly total of 218 severe weather warnings were issued (Severe Thunderstorm Warnings and Tornado Warnings) for the San Angelo [County Warning and Forecast Area](#). Among the most significant events were:

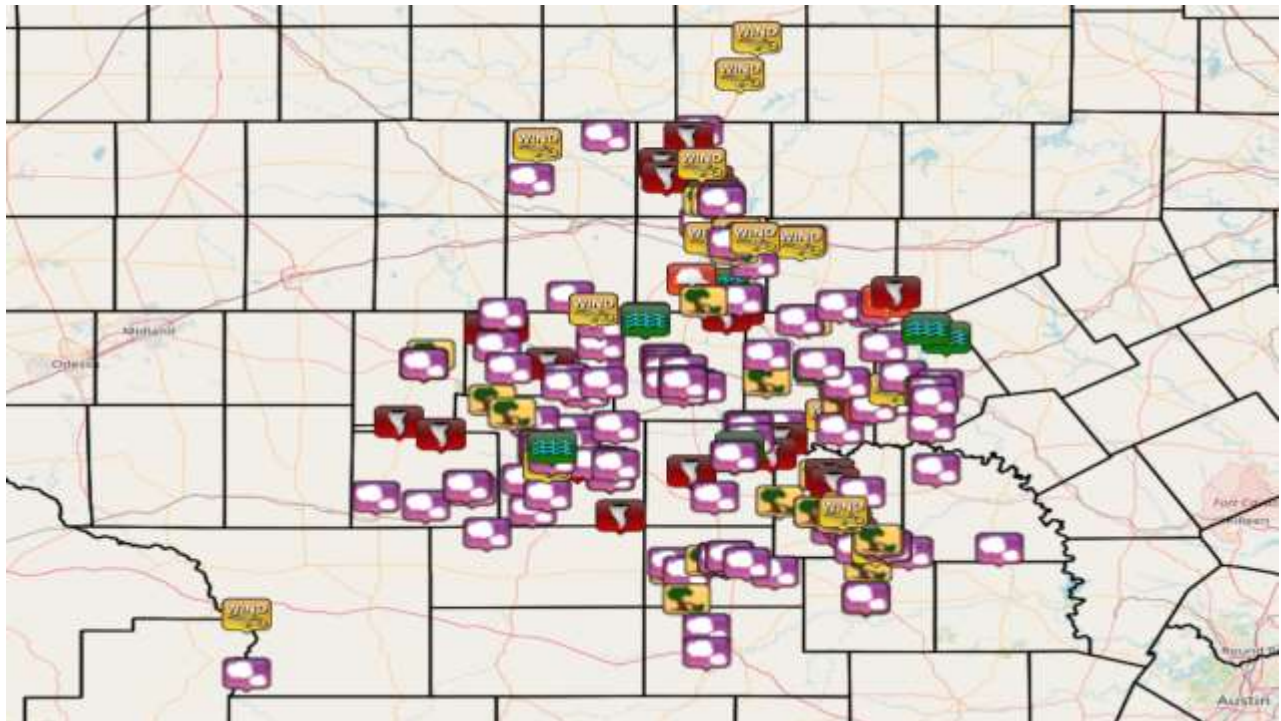
[Tornado and Severe Weather Outbreak May 2-4](#)

[San Angelo Hailstorm May 23 and Wind Damage/Cross Plains Tornado May 25](#)

At the end of the month, a [severe weather event in McCulloch County May 31](#) affected Brady and Voca.

A couple of unique high wind events occurred in various parts of the area, on May 28. In the morning hours, an unusually strong outflow boundary (from a severe thunderstorm complex which swept south across North Texas) overspread west-central Texas. The strongest winds (60-70 mph) occurred in the [Big Country into Brown County](#). The peak wind gust at Abilene was 64 mph. Later in the day, strong, gusty winds occurred in the Concho Valley in the evening. These winds flowed out from strong to severe storms along Interstate 20 near Sonora. These winds also generated areas of blowing dust in parts of the Concho Valley. The peak wind gust at San Angelo was 65 mph.

The map below, from the Iowa Environmental Mesonet website at Iowa State University, shows severe weather icons (tornado, hail of quarter size or larger, wind speed 58 mph or greater, wind damage, flash flood) representing all of the severe weather reports for the month of May in west-central Texas (for the San Angelo County Warning and Forecast Area).



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

