

Climate and Weather Summary for May 2019

Temperatures in May averaged below normal at Abilene, and to a greater extent at San Angelo. Precipitation was well-above normal at both locations. Table 1 summarizes May 2019 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	71.1°	-1.9°	73.0°	7.22"	4.04"	3.18"
San Angelo	71.5°	-3.0°	74.5°	5.37"	2.55"	2.82"

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)	Coollest High Temperature (°F)	Coollest Low Temperature (°F)	Maximum Daily Precipitation (In.)
Abilene	92° on May 28	74° May 23, 24	55° on May 10	46° on May 12	1.39" May 29
San Angelo	94° on May 28	75° on May 23	57° on May 10	46° on May 12	2.68" May 8

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

- Abilene and San Angelo both recorded their 11th wettest May on record.
- Abilene recorded one inch or more rainfall on 4 days in May.
- At San Angelo, a new daily record rainfall amount (2.68 inches) was set on May 8.

A map of total precipitation for May is shown in Figure 1. Percentage of normal precipitation for May is shown in Figure 2.

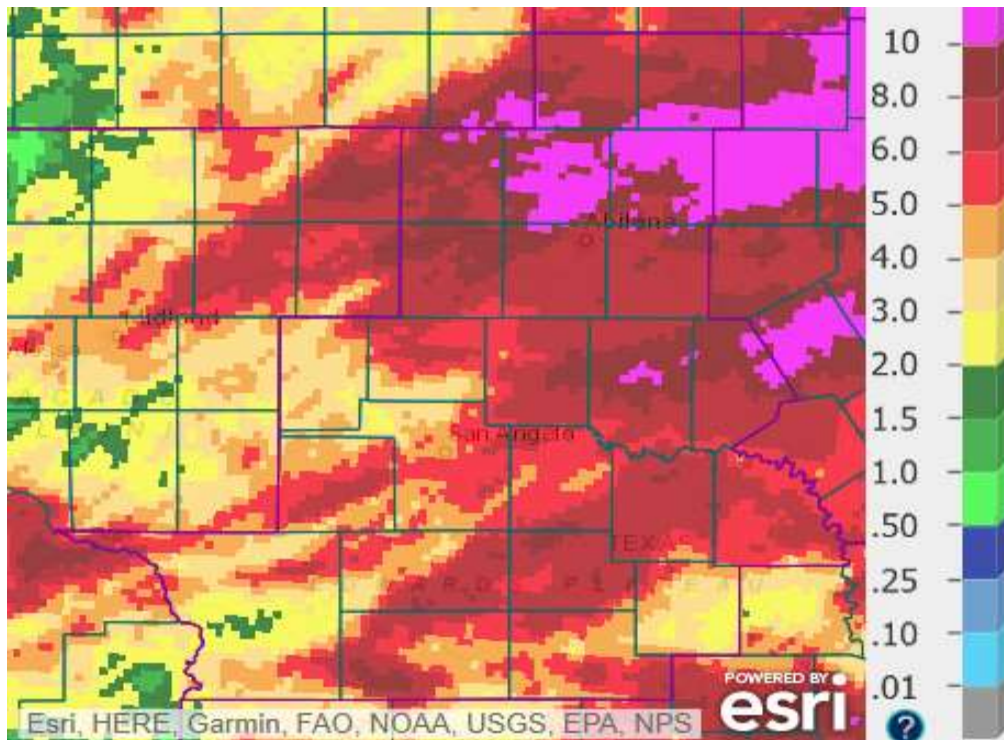


Figure 1: Total Precipitation for May.

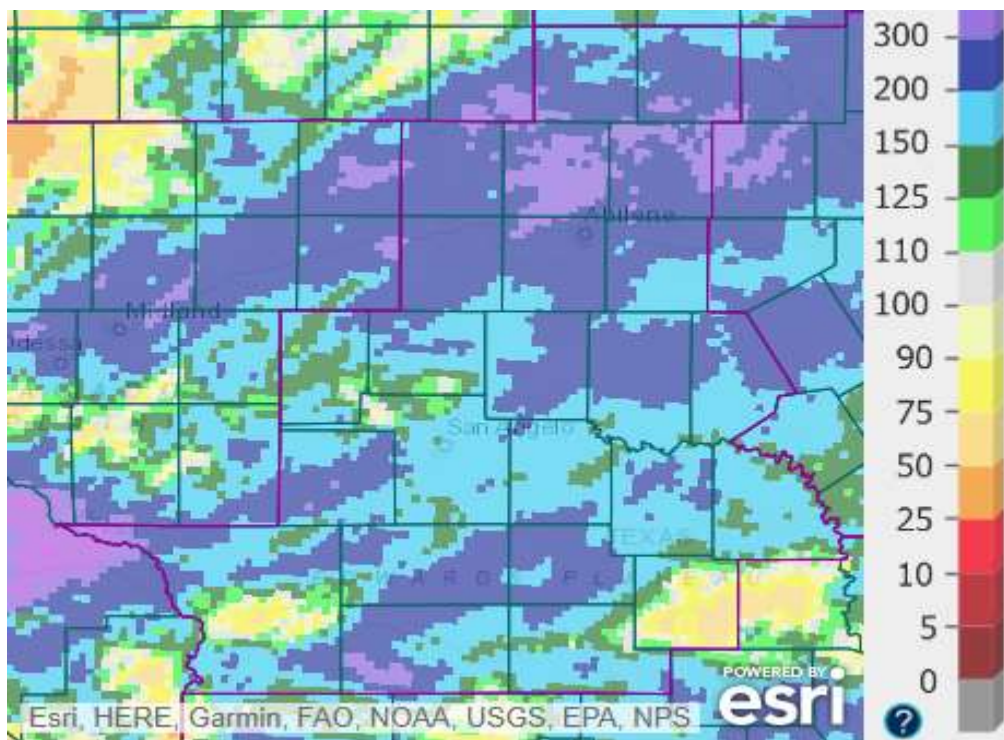


Figure 2: Percentage of Normal Precipitation for May.

Total precipitation for May was well-above normal for nearly all of [west-central Texas](#). The only exceptions were in parts of Mason and Crockett Counties, and parts of the northern Concho Valley (north and northwest of San Angelo).

Weather Highlights:

The weather pattern was active during the month of May, with numerous episodes of strong to severe thunderstorms and heavy rainfall.

In early May, the main weather events occurred on May 1, 3, and 8.

The [storms on May 1](#) affected the Big Country area north and east of Abilene.

On [May 3](#), the storms initially occurred across the Interstate 10 corridor, and then affected areas farther north across the Big Country. Supercell storm with large hail and flooding in Sweetwater. Flooding on the north and northeastern parts of Abilene.

On [May 8](#), numerous strong to severe thunderstorms moved east across west-central Texas, between Midnight and 11 AM.

Following a strong cold frontal passage on May 9, temperatures were unusually cool on May 10. With widespread cloud cover during the day, highs were only in the 50s across nearly all of west-central Texas. Daily record low maximum temperatures were set at Abilene (55 degrees) and tied at San Angelo (57 degrees) on May 10.

An outbreak of tornadoes, some significant, occurred on [May 18](#). With the approach of a potent upper level storm system, and the arrival of a Pacific cold front into a very moist and unstable airmass, tornadic storms occurred in the predawn and early morning hours, between 2 AM and 9 AM. Several supercell storms produced tornadoes. Tornadoes caused damage in San Angelo, Abilene, and Ballinger, along with other smaller communities.

Severe storms affected the northern Big Country on [May 20](#), between 9 PM and Midnight.

Parts of the Big Country along Interstate 20 (including Sweetwater, Abilene, and Clyde) were affected by strong to severe storms, during the early morning hours on [May 29](#). Sweetwater, in addition, was affected by a storm with strong winds on the early morning of [May 31](#).

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