

Climate and Weather Summary for April 2023

Temperatures in April averaged near normal at San Angelo to slightly below normal at Abilene. Precipitation was below normal at Abilene and well-below normal at San Angelo. Table 1 summarizes April 2023 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 April Precipitation (In.)
Abilene	65.5°	-0.5°	66.0°	1.38"	-0.48"	1.86"
San Angelo	67.3°	0.2°	67.5°	0.20"	-1.27"	1.47"

Table 1: April 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	95° on Apr. 3	69° on Apr. 19	49° on Apr. 23	40° on Apr. 1	1.05" Apr. 23
San Angelo	96° Apr. 3, 30	65° Apr. 4, 19	52° on Apr. 23	40° Apr. 1, 16	0.18" Apr. 10

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

A Map of total precipitation for April is shown in Figure 1 (below). Percentage of normal precipitation for April is shown in Figure 2.

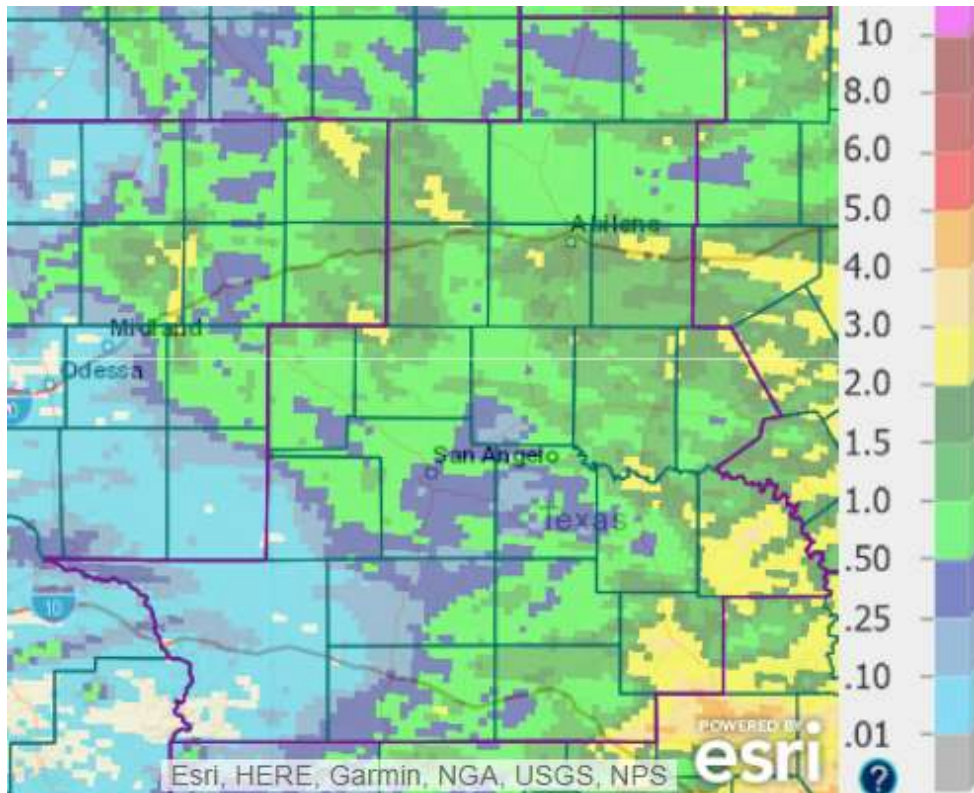


Figure 1: Total Precipitation for April.

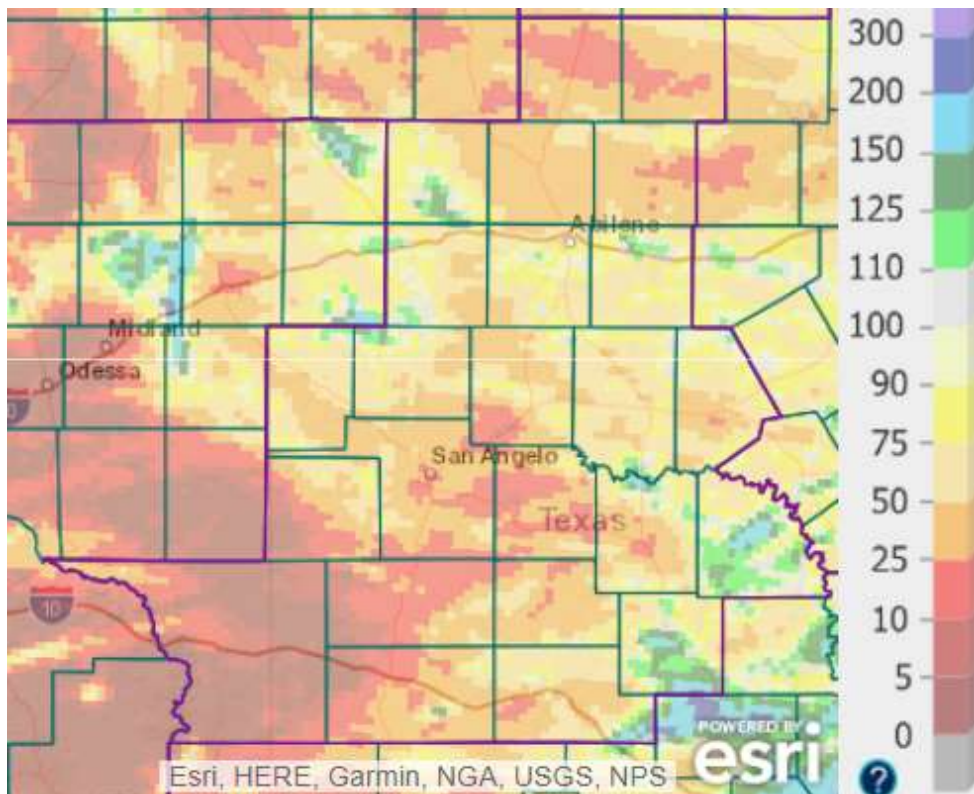


Figure 2: Percentage of Normal Precipitation for April.

Precipitation for April was well-below normal across most of [west-central Texas](#). The monthly precipitation was above normal in only a few small pockets of the area. For some of the [Northern Edwards Plateau](#) into parts of the [Concho Valley](#), April precipitation was less than one quarter of an inch (Fig. 1).

April 2023 Weather Highlights

A dryline advanced east across the area Apr. 2, and remained east of the area Apr. 3. Temperatures were very warm to hot behind the dryline, with very dry conditions. After a brief retreat, the dryline advanced east across the area again on Apr. 4 with rather warm temperatures and dry air behind it. A cold frontal passage on Apr. 5 was followed by cooler temperatures for a couple of days.

Showers and thunderstorms occurred in southern and southeastern parts of the area Apr. 6, during the evening and early nighttime hours. Some locations received one half to one inch of rainfall. With the arrival of an upper level disturbance, isolated severe storms with large to very large hail and strong winds, occurred in the western Big Country Apr. 9 (early evening time frame). Showers and storms moved south-southeast from the western Big Country across some of the Concho Valley during the overnight hours of Apr. 9-10, bringing rainfall of one half inch to 1.5 inches.

A dryline advanced east across the area Apr. 14, with very warm and dry conditions following its passage. A dry cold frontal passage followed on the morning of Apr. 15.

The pattern was active with severe weather in the second half of April.

Severe weather occurred in parts of the Big Country (including the Abilene area) Apr. 19, with both the left- and right-moving storms after a split. A storm developed over southeastern Nolan County just ahead of a dryline in the evening. The storm intensified as it moved into western Taylor County, and then split as it approached Abilene. The left-moving storm tracked rapidly northeast across Shackelford County and eventually dissipated over Throckmorton County. The right-moving storm was dominant and moved east-southeast, from Dyess Air Force Base across the southern part of Abilene and into northern Callahan County. Numerous severe weather reports were received with the right-moving storm.

A [severe weather event](#) occurred Apr. 22, between 330 PM and 1030 PM across the eastern Concho Valley, Heartland and Northwest Hill Country.

Isolated severe storms brought large to very large hail to the Big Country and northern Heartland areas, between 6 PM Apr. 25 and 2 AM Apr. 25.

Severe storms with large hail occurred on the afternoon and early evening of Apr. 26. An upper level storm system moved southeast toward the southern Plains and Texas. The airmass was very unstable ahead of a dryline, and south of a cold front. The severe weather occurred generally east of a line from Haskell to Ballinger to Junction.

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