

Climate and Weather Summary for April 2021

Temperatures in April averaged below normal at Abilene and San Angelo. Precipitation was well above normal at Abilene, and above normal at San Angelo. Table 1 summarizes April 2021 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	62.3°	-2.3°	64.6°	4.88"	3.24"	1.64"
San Angelo	64.5°	-1.5°	66.0°	1.79"	0.37"	1.42"

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	93° Apr. 9, 11, 25, 27	70° on Apr. 27	53° on Apr. 17	32° on Apr. 21	3.29" Apr. 28
San Angelo	97° on Apr. 9	72° on Apr. 27	56° on Apr. 21	31° on Apr. 1	0.88" Apr. 28

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

- 15th wettest April on record at Abilene
- Record latest freeze in the spring season set at Abilene, on Apr. 21.

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

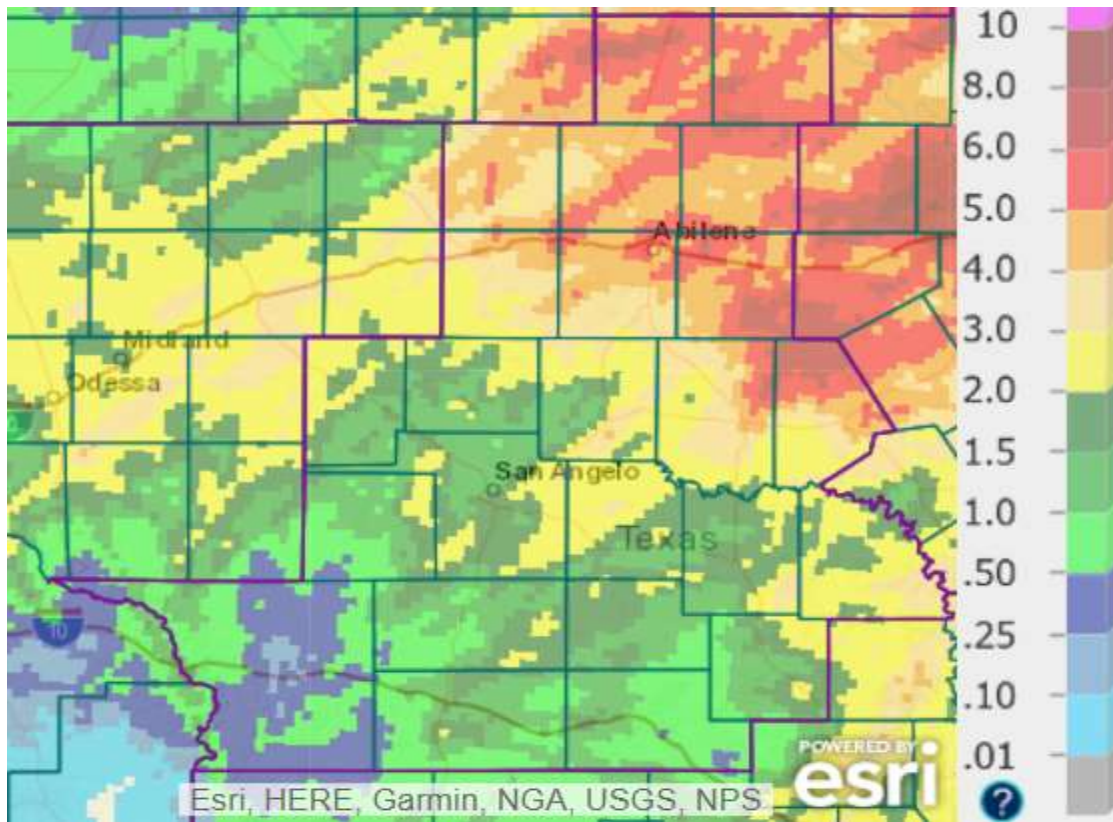


Figure 1: Total Precipitation for April.

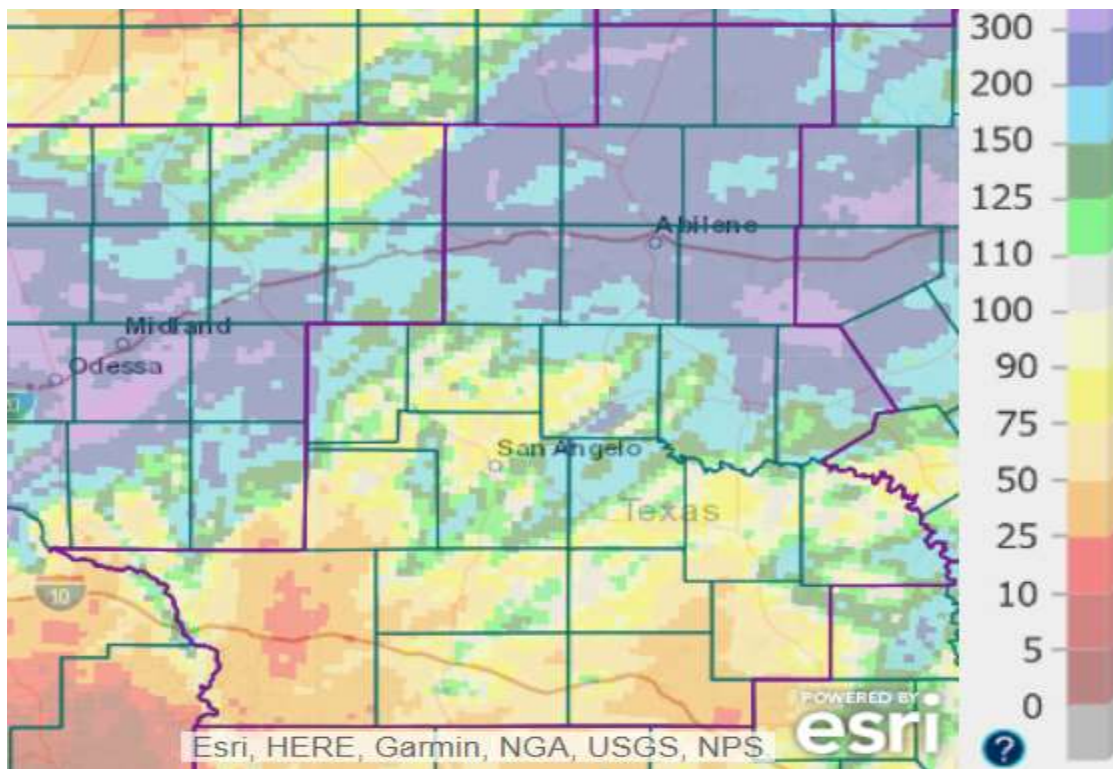


Figure 2: Percentage of Normal Precipitation for April.

Precipitation for April varied from well-below to well-above normal. For most of the Big Country and northern Heartland areas, monthly precipitation was 4-7 inches (orange and red shading in Fig. 1), and was well-above normal. April precipitation was less than 50 percent of normal (orange and red shading in Fig. 2) for some of the southern sections of west-central Texas.

Weather Highlights

Early in the month, a significant warming trend began Apr. 5 and continued into Apr. 8-9. The first 90 degree temperatures of the year occurred at Abilene and San Angelo on Apr. 8. With rather dry conditions, highs were in the lower to mid 90s on Apr. 9.

In the wake of a cold frontal passage, temperatures were considerably cooler on Apr. 10 with highs in the 70s to around 80 degrees. Temperatures rebounded into the 90-95 degree range for highs across most of the area on Apr. 11.

Several severe weather events occurred in the middle and late parts of April.

The pattern was unsettled Apr. 12-16, with west-southwest flow aloft and weak upper level disturbances moving across the area. Following a cold frontal passage on Apr. 12, temperatures were cooler with increased cloud cover through Apr. 15.

Severe weather with [large to very large hail](#) occurred, primarily in the eastern half of the area, on Apr. 12. A [social media post on our website](#) showed a satellite image with a description of one of the severe storms, in southern Mcculloch County.

From a storm split north of San Angelo on the afternoon of Apr. 14, large to very large hail accompanied the left moving storm, and eventually occurred with the right moving storm. The left moving storm moved quickly north-northeast across parts of the Big Country west and northwest of Abilene. The right moving storm tracked east-northeast across Taylor County (south of Abilene) and into western Callahan County. A [total of 12 severe weather reports](#) were received with these two storms.

Several [severe storms with large hail occurred on Apr. 15](#), across southern and southeastern parts of the area. The largest hail reports included baseball size in Mason County (1 mile south of Loyal Valley) and golfball size in Sutton County (5 miles north of Sonora).

A few severe storms affected the western Big Country on the late evening of Apr. 27.

[Flash flooding](#) occurred in the Abilene area on Apr. 28, from a cluster of thunderstorms with very heavy rain between 5 AM and 7 AM. In addition, water overflowed a creek just west-southwest of Abilene. A new daily rainfall record for Apr. 28 (3.29 inches) was set at Abilene.

[Severe weather also occurred on Apr. 28](#) in the afternoon through early nighttime hours. This severe weather was [significant](#) and occurred with 4 supercell storms which moved east across parts of the Concho Valley, northern Big Country, and Heartland areas.

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