

Climate and Weather Summary for April 2020

Temperatures in April averaged slightly below normal at Abilene, and near normal at San Angelo.

Precipitation was below normal at Abilene, and above normal at San Angelo. Table 1 summarizes April 2020 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	63.7°	-0.9°	64.6°	0.77"	-0.87"	1.64"
San Angelo	66.1°	0.1°	66.0°	1.71"	0.29"	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	95° on Apr. 28	66° Apr. 8, 28	46° on Apr. 4	33° on Apr. 15	0.49" Apr. 4
San Angelo	105° on Apr. 28	66° on Apr. 27	50° on Apr. 4	32° on Apr. 15	1.03" Apr. 12

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.

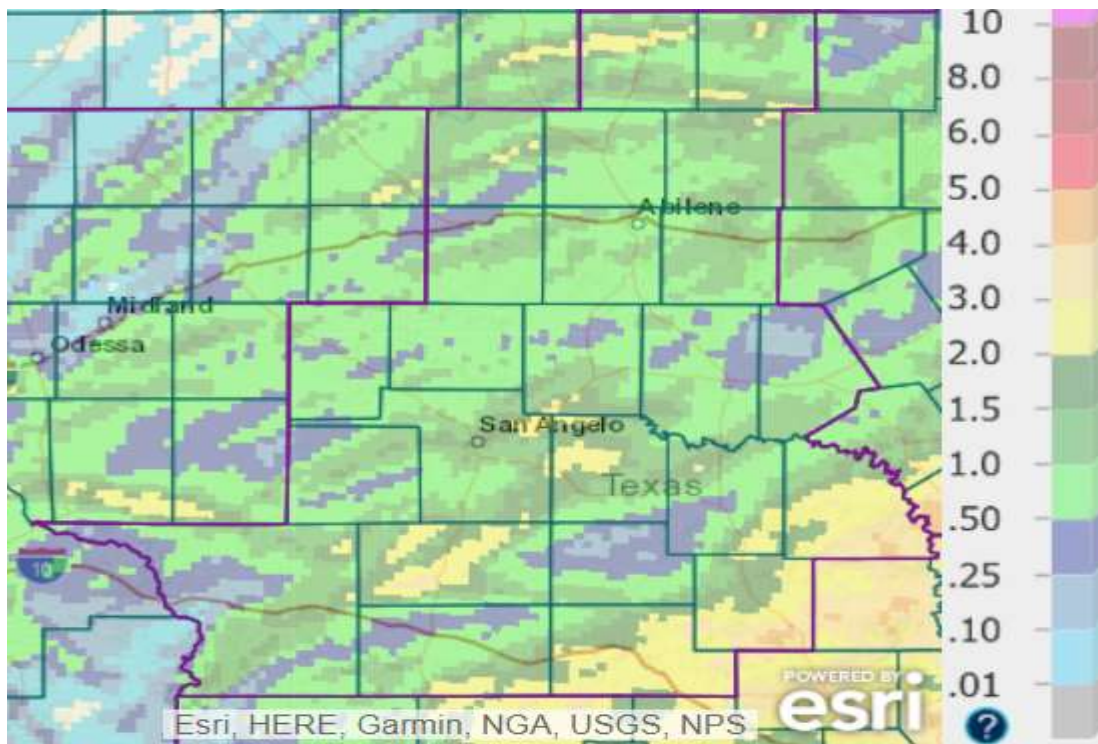


Figure 1: Total Precipitation for April.

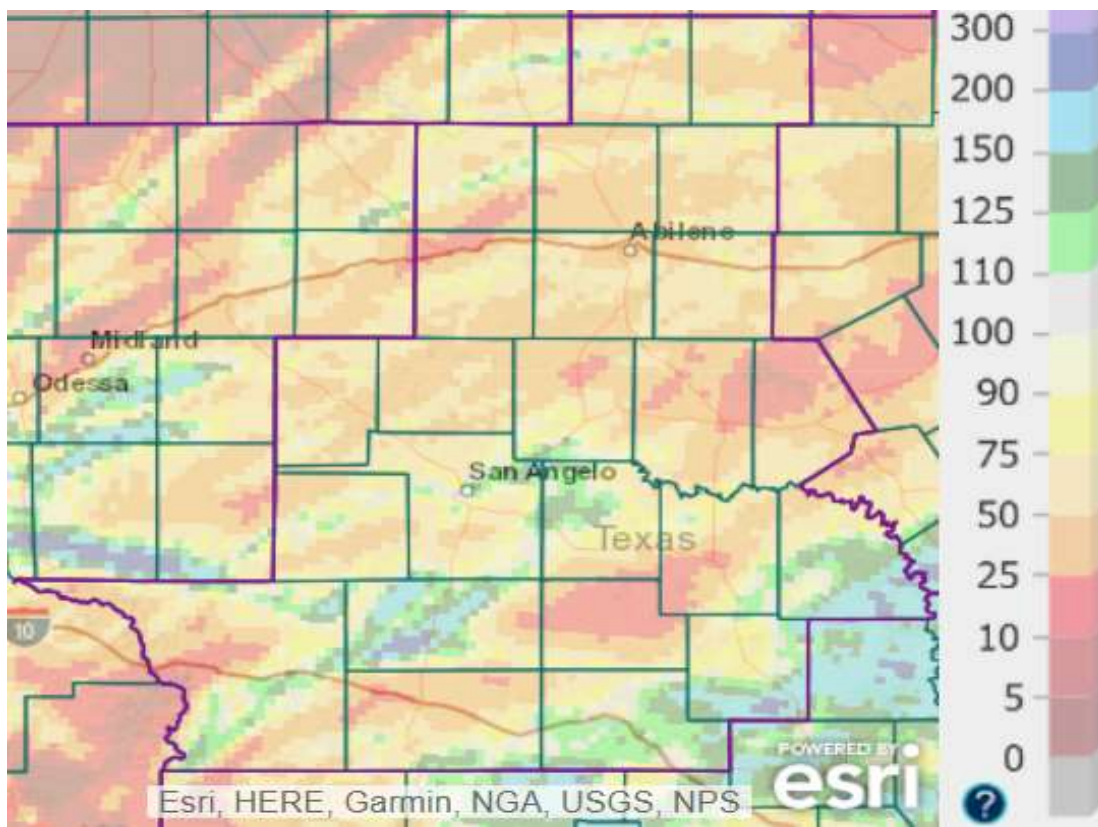


Figure 2: Percentage of Normal Precipitation for April.

Precipitation for April varied from well-below to well-above normal across [west-central Texas](#). Monthly total precipitation ranged from less than one quarter of an inch at a few locations, to more than 4 inches in parts of southern San Saba and southern Mason Counties.

Weather Highlights:

After highs in the 70s and 80s across much of the area Apr. 2, much colder air poured into [west-central Texas](#) on Apr. 3, following a strong cold frontal passage. With gusty north winds behind this front, temperatures dropped into the 40s and 50s on the 3rd. Showers and thunderstorms with locally heavy rain occurred across the southern third of the area, with scattered locations receiving between 1 inch and 2.5 inches. Scattered showers occurred farther north across the southern Concho Valley and Heartland areas.

The unusually chilly airmass (for early April) remained over west-central Texas on Apr. 4, with cloudy skies. Highs were in the mid 40s to lower 50s. Numerous showers and a few thunderstorms occurred along the Interstate 20 corridor across the southern Big Country. Rainfall amounts of one-half to one inch were common. Other showers affected the far southeastern part of west-central Texas. Elsewhere, widely scattered light rain showers occurred.

Cloudy skies continued on Apr. 5-6 with a few light rain showers. Temperatures were warmer, however, with highs in the mid 60s to mid 70s.

With southwest to west winds and less cloud cover, afternoon temperatures were very warm on Apr. 7-8. Highs were mostly in the mid 80s to around 90 degrees.

[Severe weather occurred on Easter weekend \(Apr. 11-12\)](#). The setup featured warm temperatures, increased instability and the approach of a strong upper level storm system. To the east of a dryline, widely scattered strong to severe storms occurred on the afternoon and evening of Apr. 11. Additional thunderstorms with more widespread coverage occurred during the post-Midnight hours of Apr. 12, as a weak cold front moved east and overtook a retreating dryline. [Tornados occurred in Mcculloch and Crockett Counties](#).

Locally heavy, but beneficial rainfall also occurred Apr. 11-12 (Figure 3).

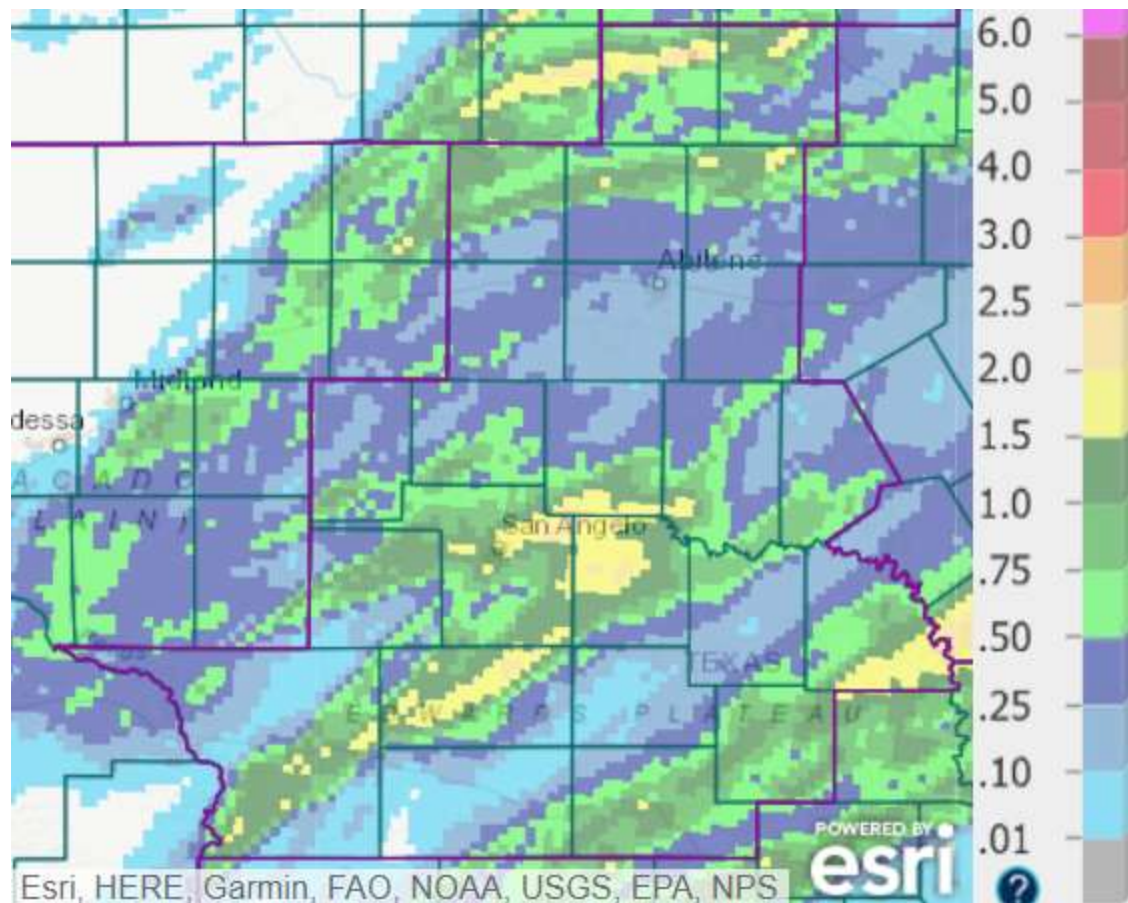


Figure 3: Rainfall for the 24-hour period ending at 7 AM CDT, Apr. 12.

Following passage of the weak cold front, gusty west winds occurred on Easter Sunday, Apr. 12. A strong cold front moved south across the area during the late afternoon and evening of Apr. 12, with gusty north winds following its passage. After highs in the upper 70s to lower 80s on Apr. 12, temperatures dropped sharply into the mid to upper 30s for morning lows on Apr. 13.

A chilly airmass resided over west-central Texas on Apr. 13-14, with well-below normal temperatures. Highs were mostly in the mid 50s to lower 60s on Apr. 13. On Apr. 14, highs ranged from the upper 40s/lower 50s across the Big Country, to the mid to upper 50s farther south. Morning lows were in the 30s Apr 14-15. Scattered frost occurred on the early morning of Apr. 15, and a (late season) light freeze was recorded at a few locations.

Following some temperature fluctuations Apr. 16-18, overall temperatures were considerably warmer Apr. 19 through the rest of the month. Daily highs were consistently above average. A new record high temperature was set at San Angelo (105 degrees) on Apr. 28.

With unstable air and the approach of an upper level disturbance from the west, severe storms affected the northern Big Country in the late evening and early nighttime hours of Apr. 21. A storm split occurred in southwestern Haskell County. The left-moving storm contained large hail and moved north-northeast

through the northern part of the county. The right-moving supercell storm tracked eastward across southern Haskell County, and contained hail of golf ball to [tennis ball](#) size. Conditions were mostly dry through the remainder of the month.

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