

Climate and Weather Summary for March 2020

Temperatures in March averaged well-above normal at Abilene and San Angelo. Precipitation was well-above normal at both locations. Table 1 summarizes March 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 March Precipitation (In.)
Abilene	61.6°	5.2°	56.4°	4.69"	2.95"	1.74"
San Angelo	63.1°	5.3°	57.8°	3.12"	1.62"	1.50"

Table 1: March 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	90° Mar. 25, 26	66° on Mar. 26	52° on Mar. 21	37° on Mar. 5	2.55" Mar. 4
San Angelo	93° on Mar. 25	63° on Mar. 23	48° on Mar. 21	37° on Mar. 6	2.22" Mar. 4

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

- 2nd wettest March on record at Abilene. 6th wettest March on record at San Angelo.
- 8th warmest March on record at San Angelo. 13th warmest March on record at Abilene.

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

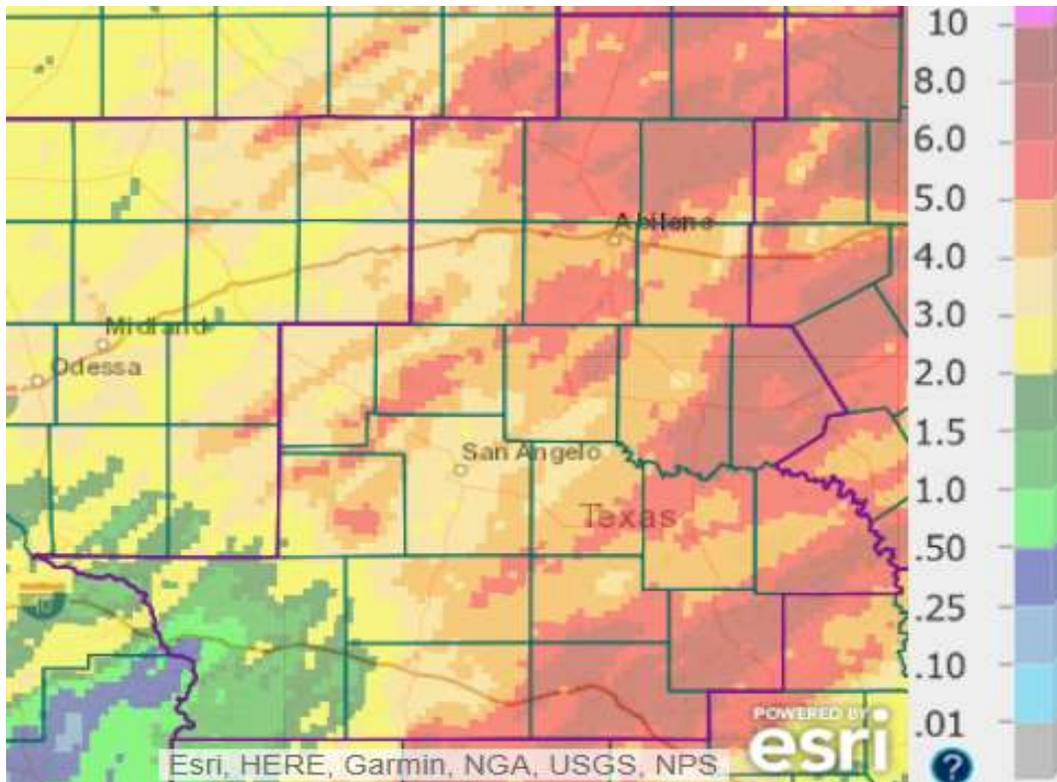


Figure 1: Total Precipitation for March.

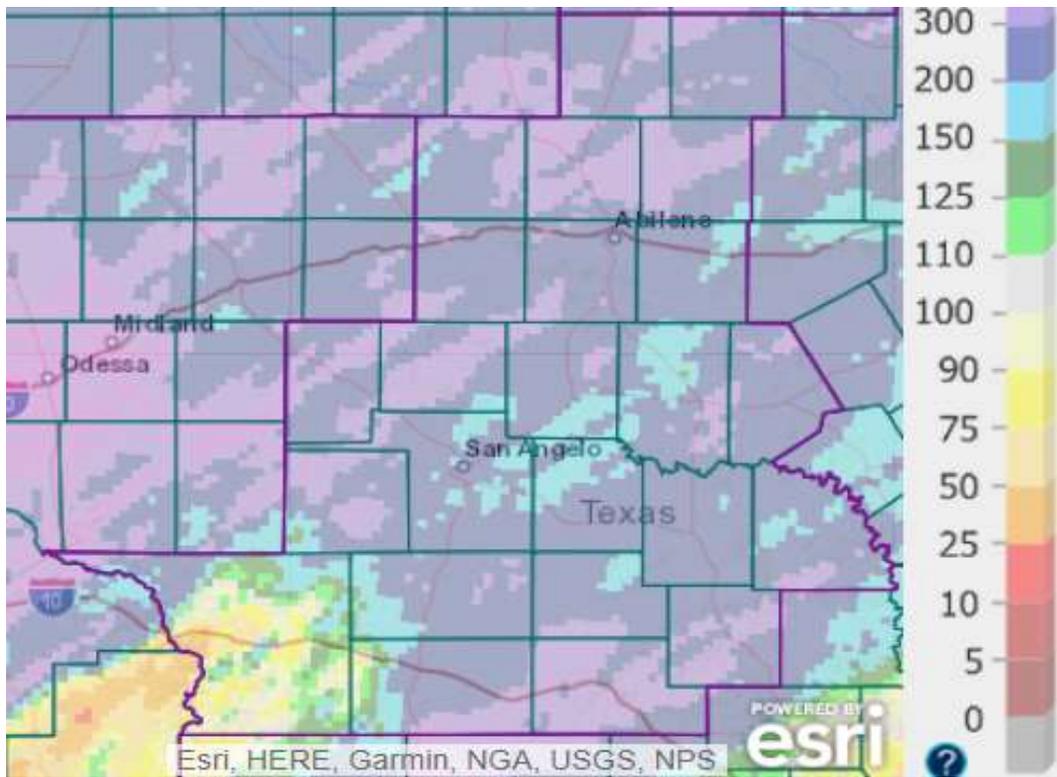


Figure 2: Percentage of Normal Precipitation for March.

With the exception of Crockett County, March precipitation was well-above normal across [west-central Texas](#). For much of Crockett County, the monthly precipitation was near to below normal.

Weather Highlights:

A significant rain event occurred March 4, with the approach and arrival of an upper level storm system from northern Mexico. The coverage was widespread, and rainfall was moderate to heavy. Rainfall amounts are shown in Figure 3.

March Rainfall Totals Through: Mar 06 2020

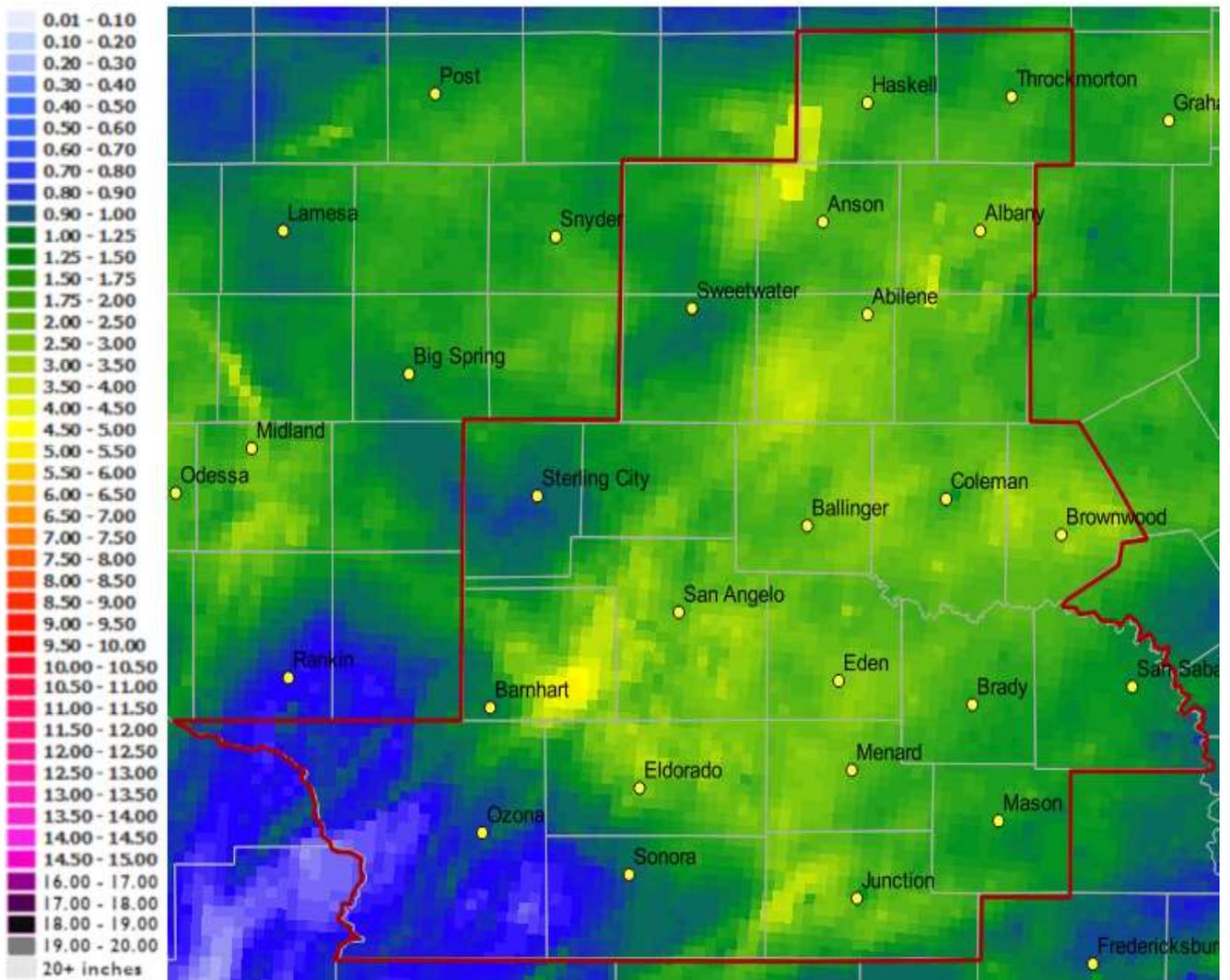


Figure 3: Month-to-Date Rainfall for March (ending at 6 AM, Mar. 6). This captured the rain event Mar. 4.

Rainfall amounts of 1-3 inches occurred across much of west-central Texas. New daily rainfall records were set at Abilene (2.55 inches) and San Angelo (2.22 inches). In addition, this was the second highest daily rainfall on record for the month of March at both locations. The wettest day on record for March is 2.75 inches on March 24, 1943 at Abilene, and 3.87 inches on March 8, 1953 at San Angelo. This rainfall was of short term benefit for soil moisture and the area winter wheat crop.

Scattered to numerous light rain showers occurred on Mar. 8. Rainfall amounts mostly varied under one quarter of an inch, but some locations in the northern Big Country received one quarter to one half inch.

Temperatures were warmer and well-above normal Mar. 9-12, with south winds and increased low-level moisture.

The pattern was unsettled Mar. 12-21. With a persistent flow aloft from the southwest during this time frame, several upper level disturbances moved northeast over the area and brought episodes of showers and thunderstorms.

Severe weather occurred on Mar. 13, 17, 18 and 19 across parts of the northern half of [west-central Texas](#). Tornadoes occurred in Nolan County (approximately 14 miles southeast of Sweetwater), and in the vicinity of Tye (Taylor County) and Hamby (Jones County). [Damage Survey for these tornadoes](#).

[Map and list of severe weather reports from Mar. 13, 17, 18, and 19.](#)

Conditions were mostly dry during late March. Afternoon temperatures were very warm on Mar. 25-26. Highs were in the 90-95 degree range on the 25th, and mostly in the mid 80s to around 90 on the 26th. A daily record high minimum temperature (66 degrees) was tied at Abilene on Mar. 27.

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