

Climate and Weather Summary for July 2017

Table 1 summarizes July 2017 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 July Precipitation (In.)
Abilene	83.8°	0.7°	83.1°	1.05"	-0.82"	1.87"
San Angelo	84.4°	1.3°	83.1°	1.69"	0.49"	1.20"

Table 1: July 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	103° July 29	78° July 28-30	90° July 1, 6	63° July 1	0.99" July 1
San Angelo	105° on July 29, 30	76° July 22	85° July 6	65° July 1	0.70" July 4

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

- Temperatures for the month averaged above normal at San Angelo and Abilene.
- The only record temperature for the month was at Abilene, where a record high of 103 degrees was tied on July 29.
- Number of days in July with high temperatures 100 degrees or more:
14 at San Angelo, 6 at Junction, and 4 at Abilene.

Rainfall for the month varied from well-below to well-above normal. A map of total precipitation for July is shown in Figure 1. Percentage of normal precipitation for July is shown in Figure 2.

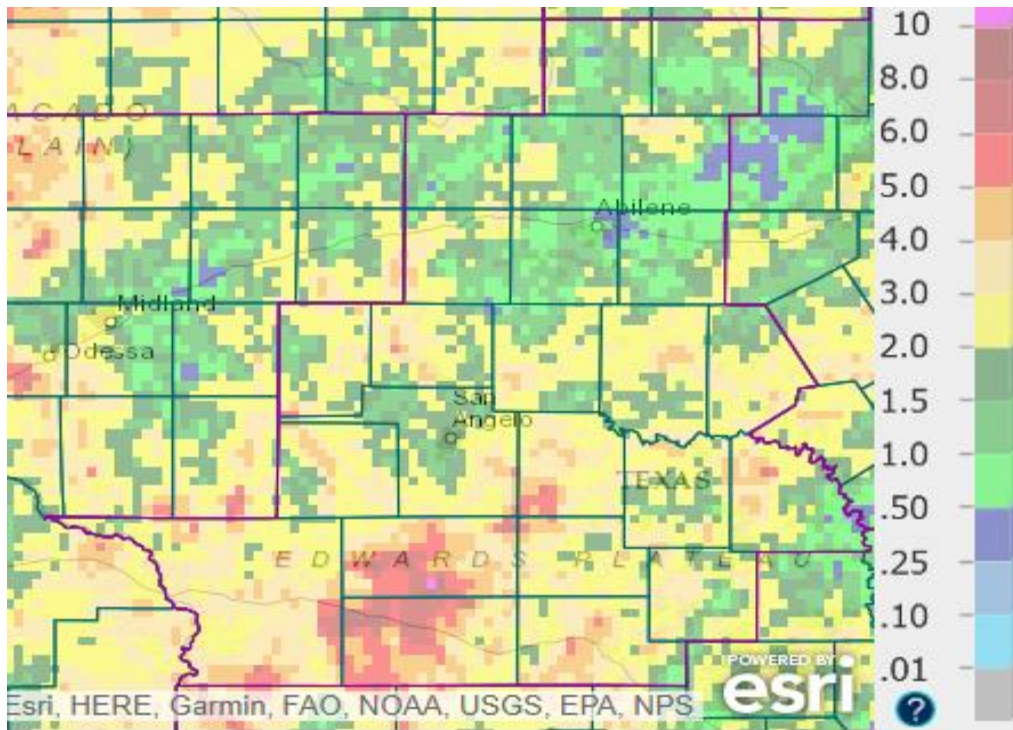


Figure 1: Total Precipitation for July.

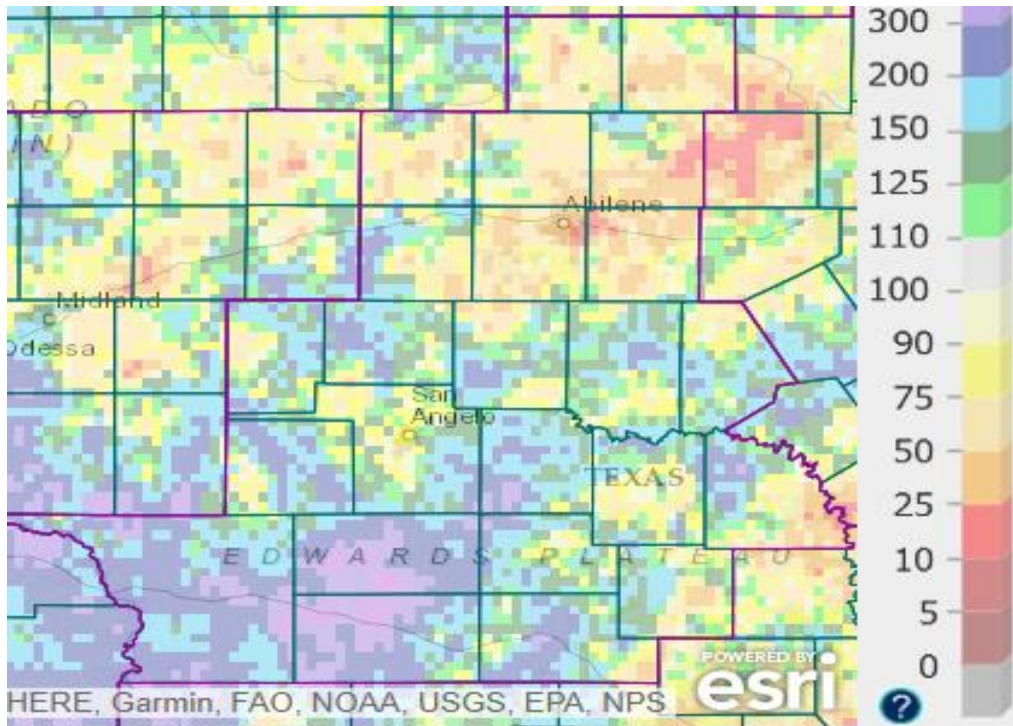


Figure 2: Percentage of Normal Precipitation for July.

In Figure 1, rainfall for the month ranged from less than one-half inch (dark blue shading) to more than 6 inches (dark red shading). The variability in the monthly precipitation is evident across individual counties, especially south of Interstate 20 (Figure 2). This variability was due to the scattered coverage of showers and thunderstorms,

which on a number of days during the month. Across most of the [Big Country](#), monthly rainfall was below normal with scattered areas receiving less than 50 percent of normal. The monthly rainfall was above normal across most of the [Northern Edwards Plateau](#), and to a considerable extent across much of that area.

Weather Highlights:

The first week of July in west-central Texas was marked by [unsettled weather](#), with several thunderstorm complexes producing locally heavy rainfall and gusty winds.

Numerous thunderstorms occurred across the northern half of west-central Texas on the afternoon and evening of July 9. Strong, gusty winds accompanied some of the storms. Peak wind gusts 40-50 mph occurred at several locations, including San Angelo.

On several occasions during the middle and late parts of July, isolated to scattered showers and thunderstorms occurred across various parts of west-central Texas. Strong, gusty winds and locally heavy rainfall accompanied some of the thunderstorms.

The proximity and strength of an upper level high pressure system played a role in how much shower and thunderstorm activity occurred across the area. Upper level high pressure systems are associated with subsiding air, which inhibits shower and thunderstorm development. Overall, the hottest temperatures occurred between the 20th and 30th.