

Climate and Weather Summary for June 2018

Temperatures averaged above well-above normal at Abilene and San Angelo in June. Table 1 summarizes June 2018 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 June Precipitation (In.)
Abilene	83.9°	4.4°	79.5°	2.97"	-0.59"	3.56"
San Angelo	87.1°	6.7°	80.4°	0.56"	-2.03"	2.59"

Table 1: June 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° on June 2	79° on June 2	89° on June 19	61° on June 4	1.86" June 7
San Angelo	107° on June 2, 3, 24	79° on June 3, 23, 24	92° on June 4	65° on June 4	0.50" June 4

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

- 2nd warmest June on record at San Angelo, and 8th warmest June at Abilene.
- June precipitation was below normal at Abilene, and well-below normal at San Angelo.
- Number of days with high temperatures 100 degrees or more were: 15 at San Angelo, and 8 at Abilene.

A map of total precipitation for June is shown in Figure 1. Percentage of normal precipitation for June is shown in Figure 2.

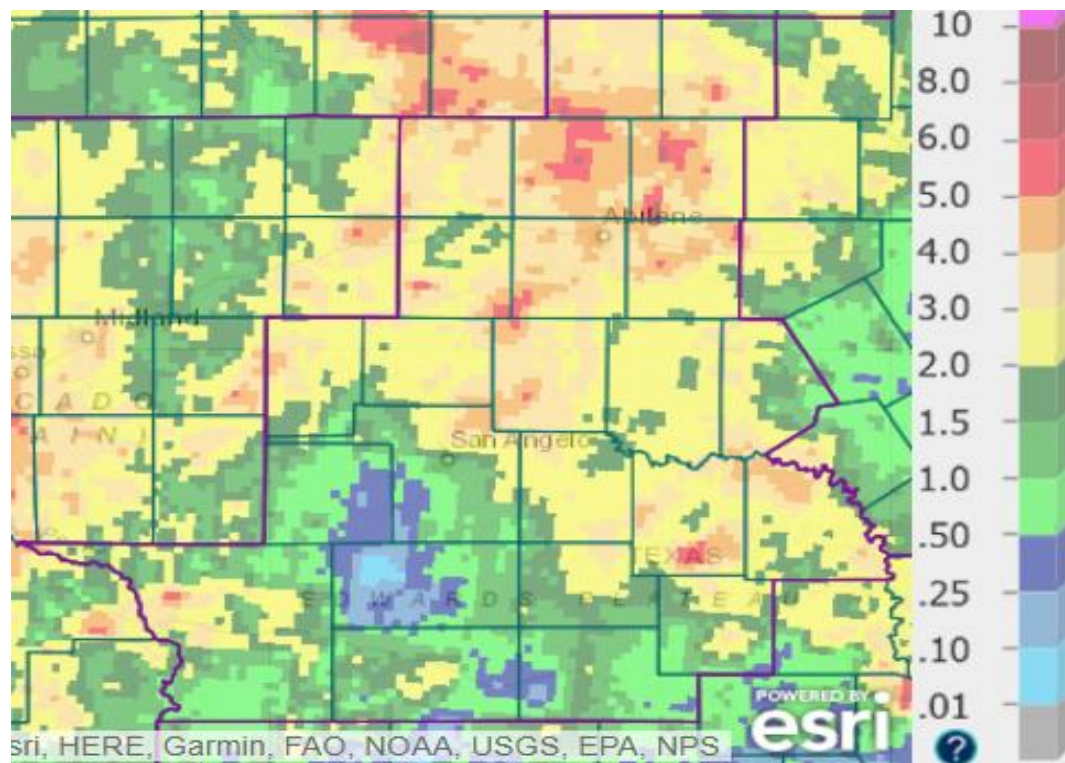


Figure 1: Total Precipitation for June.

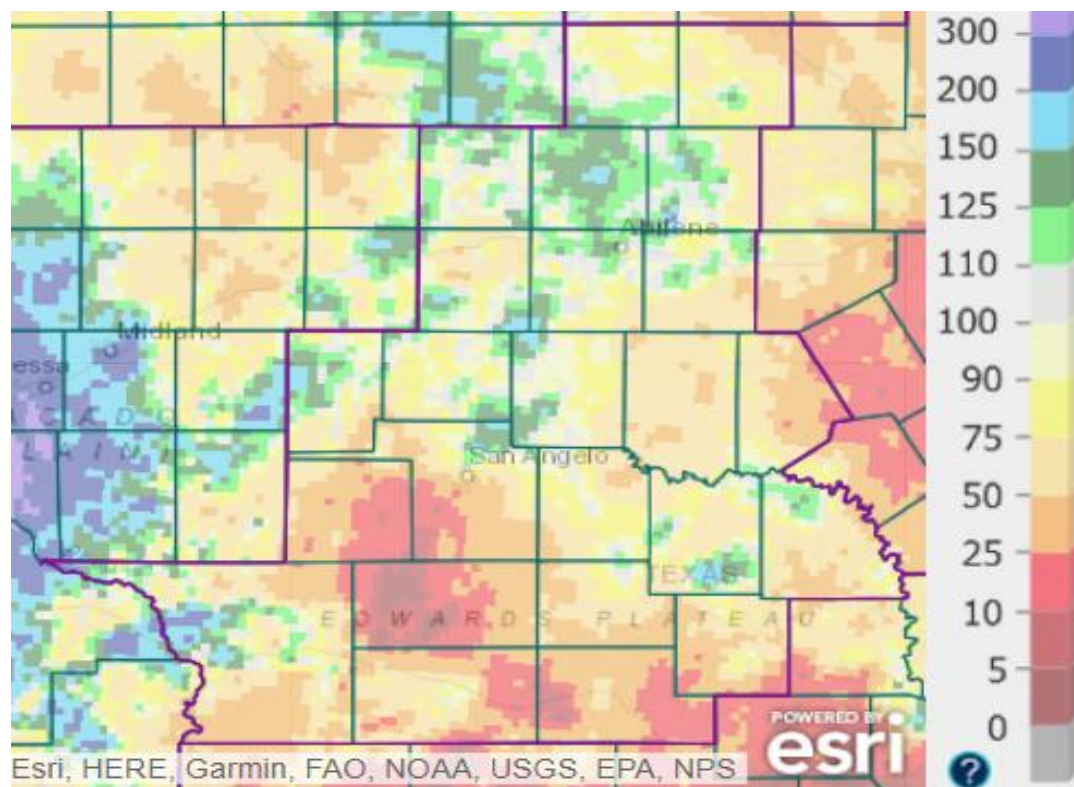


Figure 2: Percentage of Normal Precipitation for June.

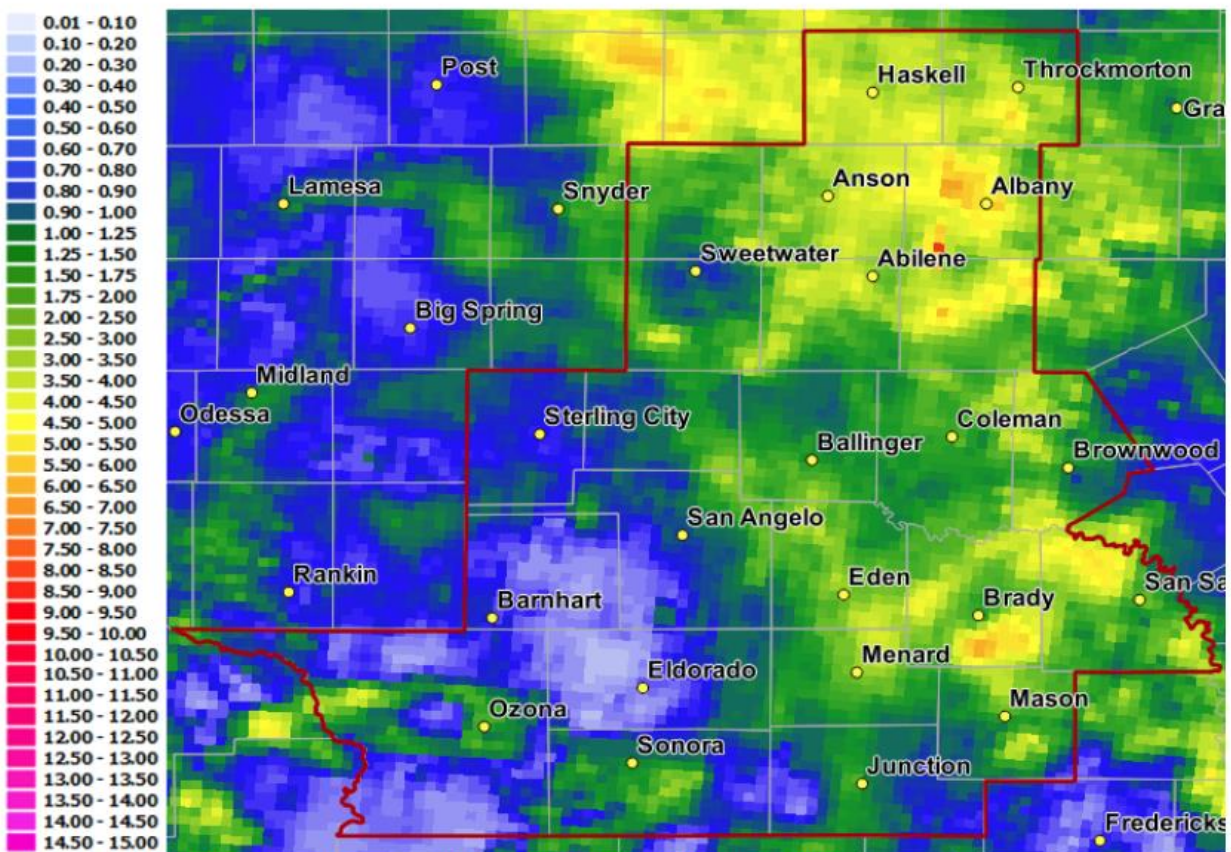
Precipitation for June varied from above normal to well-below normal across [west-central Texas](#). In general, the monthly rainfall was above normal in parts of the [Big Country](#) north of Abilene. June rainfall was well-below normal (less than 50 percent of normal) across parts of the [Concho Valley](#) near and southwest of San Angelo, and across much of the southern third of west-central Texas.

Weather Highlights:

Hot and dry conditions with 100 degree temperatures occurred June 1-2. A new record high temperature was set at San Angelo (107 degrees) on June 2. Record high minimum temperatures were tied at Abilene (79 degrees) on June 2, and tied at San Angelo (79 degrees) on June 3.

Several episodes of strong to severe thunderstorms affected various parts of west-central Texas on June 4-8. [A couple of events with more extensive storm coverage were on the 4th and 7th](#). Additional storms affected the northern Big Country area, on the late evening and nighttime hours of June 10. With the heavy rain which accompanied the thunderstorms during the first 10 days of the month, some of the area received much needed rainfall. This is encapsulated in Figure 3, which shows rainfall amounts for the June 1-13 time period.

June Rainfall Totals Through: Jun 13 2018



Note: Rainfall amounts consist of both rain gauge data and radar precipitation estimates.

Figure 3: Rainfall for June 1-13. This captured the thunderstorm events which occurred June 4-10.

Much of the heavier rainfall (between 2 and 5 inches, with locally higher amounts) occurred across northern and eastern parts of west-central Texas.

Above normal temperatures prevailed during the first half of June. Daily highs were in the 98-103 degree range on several days. At San Angelo, a new record high temperature (105 degrees) was set on June 6, and a record high minimum temperature (77 degrees) was tied on June 11.

Temperatures were not as hot June 16-20, as a result of increased moisture into the area from the Gulf of Mexico. Cloud cover was increased to some extent, and a few showers occurred in parts of west-central Texas. Daily highs were in the lower to mid 90s across much of the area during this time, with mid to upper 80s at some locations on the 19th.

The heat returned June 21-25, when an upper level high pressure system expanded east into parts of Texas from the Desert Southwest.

The hottest temperatures for the month occurred June 23-24. At San Angelo, a record high temperature (107 degrees) was tied on the 24th, and a record high minimum temperature (79 degrees) was tied on the 23rd.

Scattered showers and thunderstorms with locally heavy rain occurred on a few days during the late part of June. Strong to severe storms occurred on the evening and nighttime hours of June 23, across approximately the northern half of west-central Texas. A wind gust of 87 mph was measured with one of the storms on the north edge of Grape Creek. Other storms produced wind gusts 60-65 mph just east of Wall, and just east of Woodson. Large hail up to golfball size was reported 5 miles north of Roscoe.

Vegetation became dry during the month with the hot temperatures and limited rainfall. With these conditions, along with dry lightning strikes from a few of the storms, several grass fires occurred late in the month. One of the largest fires occurred in Shackelford County, where 2,246 acres were burned.

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