

Climate and Weather Summary for June 2017

Table 1 summarizes June 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 June Precipitation (In.)
Abilene	79.7°	0.2°	79.5°	1.67"	-1.89"	3.56"
San Angelo	83.5°	3.1°	80.4°	1.52"	-1.07"	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)	Coolest High Temperature (°F)	Coolest Low Temperature (°F)	Maximum Daily Precipitation (In.)
Abilene	103° June 23	76° June 17	79° June 2, 3	62° June 2, 5, 7	0.62" June 1
San Angelo	109° June 17, 23	79° June 18	86° June 3	59° June 7	1.30" June 23

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

- Temperatures for the month averaged slightly above normal at Abilene, and to a greater extent at San Angelo.
- San Angelo high of 109 degrees on June 17 and 23 was only 1 degree below the record high of 110 degrees for the month of June, and only 2 degrees below the all-time record high temperature of 111 degrees. Climate records for San Angelo date back to 1907.
- Number of days in June with high temperatures 100 degrees or more: 10 at San Angelo, 4 at Junction, and 3 at Abilene.

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

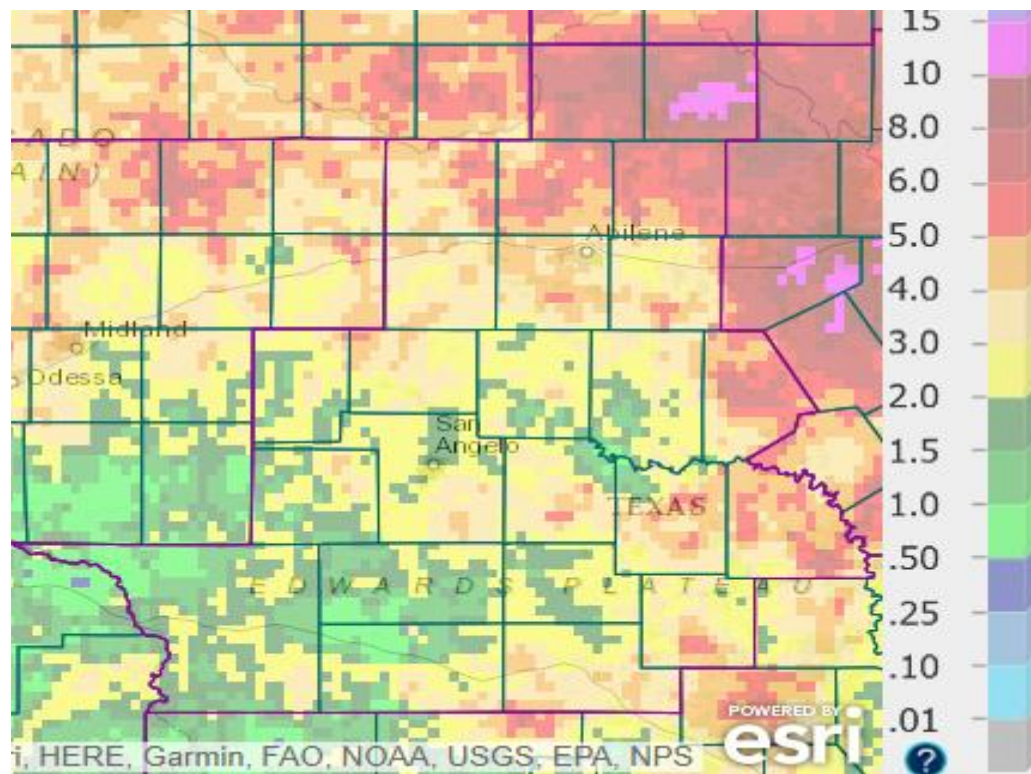


Figure 1: Total Precipitation for June.

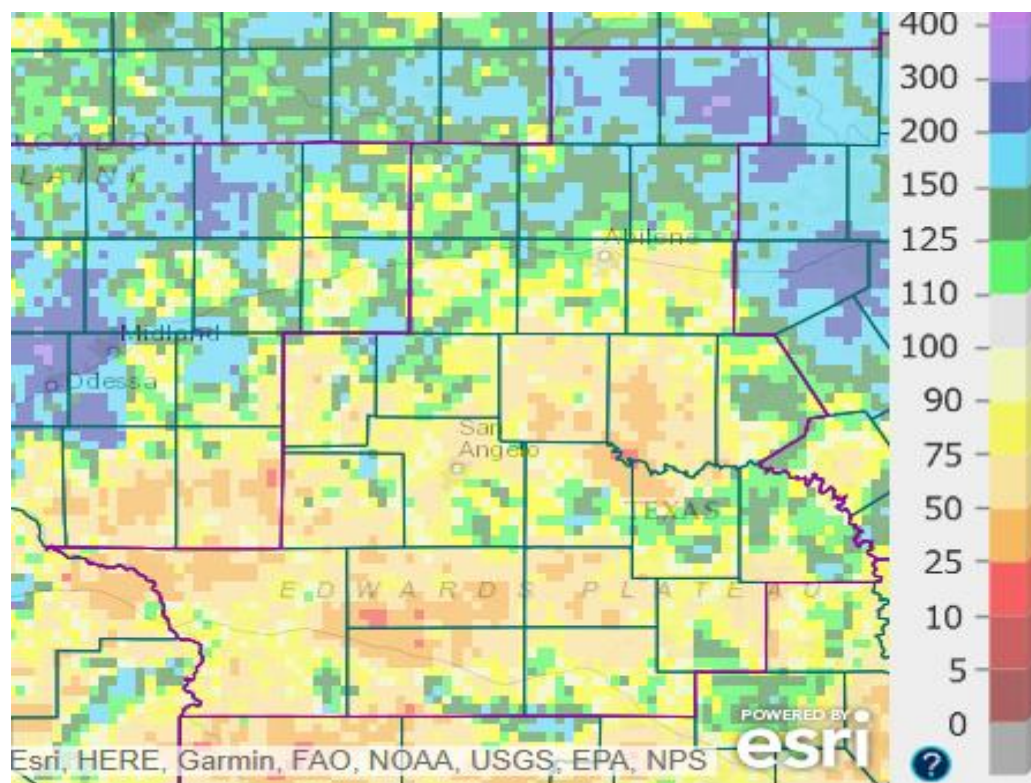


Figure 2: Percentage of Normal Precipitation for June.

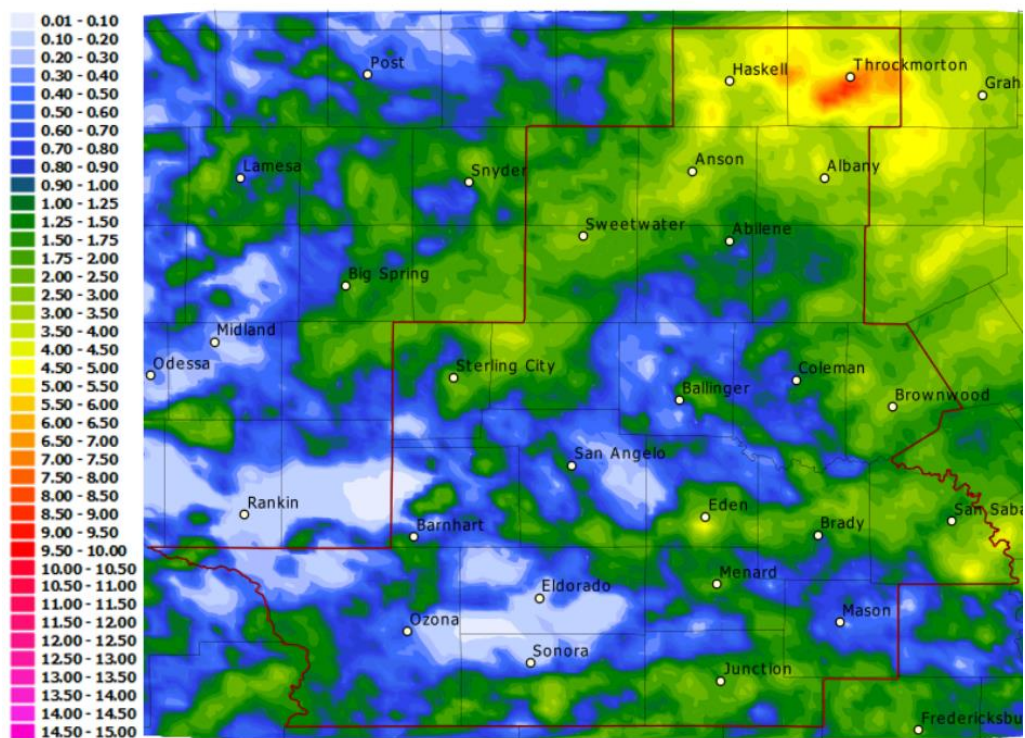
Precipitation for the month was below normal across much of the southern and central parts of [west-central Texas](#), with scattered pockets of near to above normal precipitation. The monthly precipitation was well-above normal across much of the area north of Interstate 20. Across much of that area, June rainfall was between 5 and 10 inches, with the highest amounts (over 10 inches) in parts of Throckmorton County.

Weather Highlights:

The pattern was unsettled June 1-4, as several upper level disturbances entered Texas from the west and southwest and interacted with a fairly moist airmass. Showers and thunderstorms with very heavy rainfall affected various parts of west-central Texas during this time frame. A significant flash flood event affected the town of Throckmorton on June 2. Persistent thunderstorms with very heavy rain occurred, producing rainfall amounts between 6 and 8.5 inches in the Throckmorton area. This caused the water on Throckmorton Lake to overflow the spillway and flood parts of the nearby town of Throckmorton. With the major flooding which ensued, 15 homes were evacuated in the southern part of Throckmorton, and all roads in and out of the town were closed. Very heavy rain also occurred in Haskell County, temporarily leading to high water over some of the roads.

A band of thunderstorms moved east across the Big Country area during the evening of June 2nd. A thunderstorm wind gust of 70 mph was observed at a Mesonet station 11 miles southwest of Sweetwater (Nolan County). On June 4, a strong to severe thunderstorm tracked south-southeast across southern Tom Green and parts of Schleicher and Sutton Counties during the late evening hours. Figure 3 shows rainfall amounts for June 1-4.

June Rainfall Totals Through: Jun 05 2017



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

Figure 3: Month-to-Date Rainfall for June (ending at 7 AM, June 5).

Drier conditions with a gradual warming trend followed on June 5-9. Above normal temperatures prevailed June 10-23 with [very hot conditions](#) on the 17th and 23rd. At San Angelo, a record high temperature of 109 degrees was tied on the 17th. The weather pattern was dominated by upper level high pressure during that time.

Strong to severe thunderstorms moved southeast across much of the northern half of west central Texas, between 7 PM and Midnight on June 15. Wind gusts of 55-65 mph accompanied several of the storms across the [Big Country](#) area. Wind damage was reported at Roby in Fisher County, and at Merkel and Trent in Taylor County.

A notable severe weather event occurred on June 23, with destructive winds in San Angelo.

A band of thunderstorms developed across the northwestern part of west-central Texas ahead of a cold front, during the late afternoon of the 23rd. The band of thunderstorms moved south across much of west-central Texas during the evening hours, into a hot and unstable airmass. Strong and damaging winds occurred with this band of storms. The strongest winds (in excess of 75 mph) occurred in the San Angelo area. A peak gust of 78 mph was recorded at the San Angelo Regional Airport. Wind damage to structures, power poles, and trees was reported across the city. Very heavy rainfall in a short period of time caused street flooding in San Angelo. In all, [a total of 24 severe weather reports](#) were received for this event.

Following the cold frontal passage, temperatures were cooler and below normal on June 24-27. Scattered thunderstorms with locally heavy rainfall affected the Big Country area north of Interstate 20 on June 30 (between 7 PM and Midnight).

Tabular Monthly Climate Summaries

[Abilene](#)

[San Angelo](#)