

## Climate and Weather Summary for June 2019

Temperatures in June averaged slightly below normal at Abilene and San Angelo. Precipitation was above normal at both locations. Table 1 summarizes June 2019 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    | 79.3°                    | -0.2°                      | 79.5°                           | 3.92"                     | 0.36"                      | 3.56"                           |
| San Angelo | 80.2°                    | -0.2°                      | 80.4°                           | 3.18"                     | 0.59"                      | 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    | 102° on June 20               | 79° June 21                  | 78° on June 10                 | 60° on June 13                | 1.74" June 5                      |
| San Angelo | 106° on June 20               | 75° on June 23               | 78° June 21, 23                | 59° on June 12                | 1.48" June 2                      |

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

- The number of days with high temperatures 100 degrees or more were 4 at San Angelo, 4 at Junction, and 1 at Abilene.
- At San Angelo, a new daily record rainfall amount (1.48 inches) was set on June 2.

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

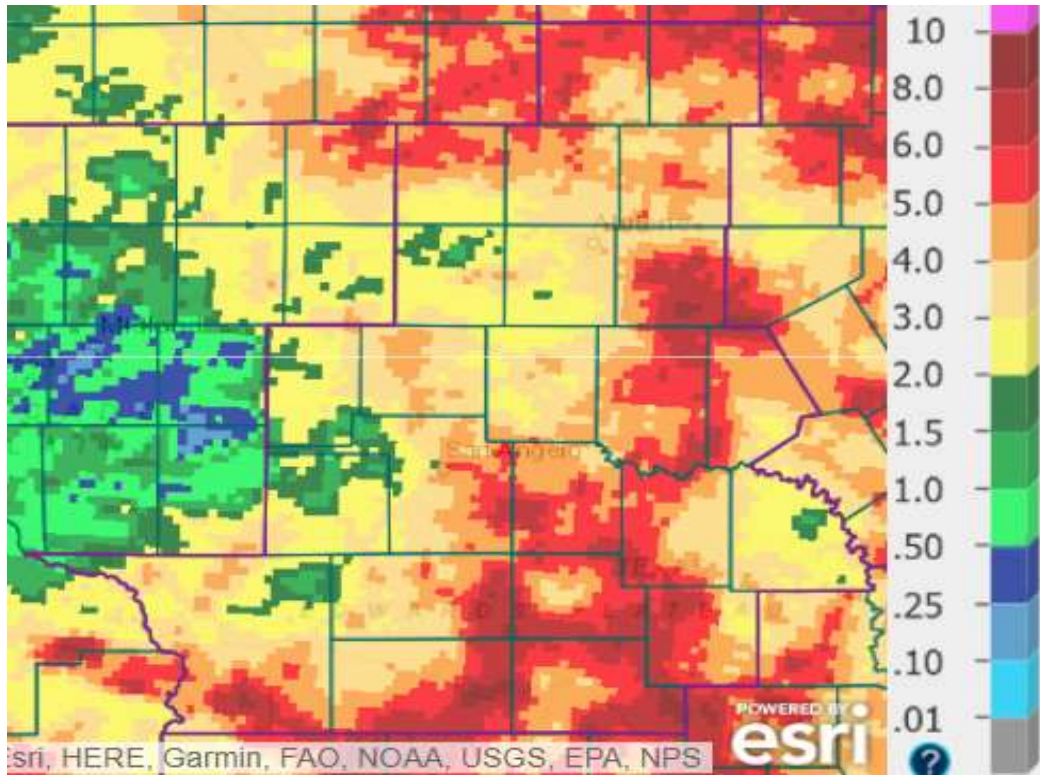


Figure 1: Total Precipitation for June.

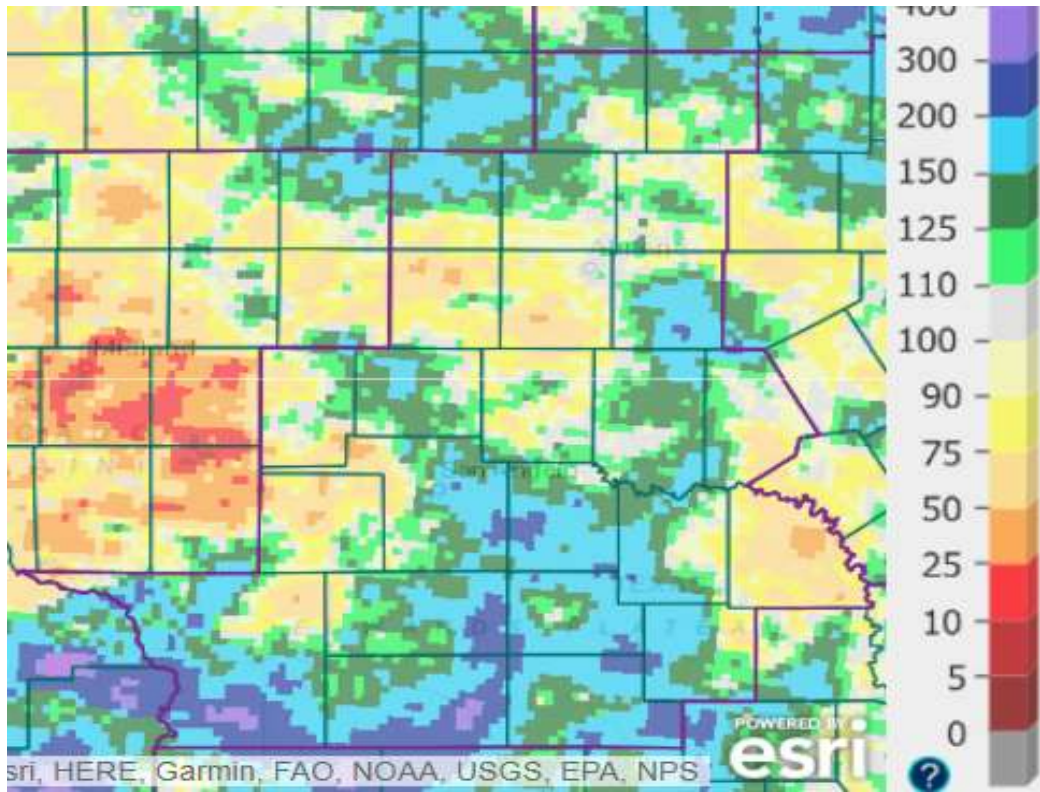


Figure 2: Percentage of Normal Precipitation for June.

Total precipitation for June varied from below normal to well-above normal across [west-central Texas](#).

### **Weather Highlights:**

The weather pattern during most of June was active, with numerous episodes of severe weather.

During the post-Midnight hours of June 2, a band of thunderstorms with gusty winds moved southeast across the [Big Country](#) area. A few locations recorded wind gusts 45-55 mph. Wind damage was reported just east of Wall, with a severe storm after daybreak. A West Texas Mesonet site near Wall recorded a wind gust of 82 mph. Very heavy rainfall caused considerable street flooding in San Angelo, and 4 miles south of Veribest in Tom Green County. A record daily rainfall record was set (1.48 inches) at San Angelo.

Additional showers and thunderstorms occurred on June 3-4, with the gradual approach of an upper level storm system from the southwestern states. Severe weather occurred on June 5, as the incoming upper level storm interacted with a moist and unstable airmass. In Abilene, minor wind damage and street flooding occurred when a storm affected the city in the late afternoon. During the nighttime hours and overnight hours, a band of thunderstorms moved east across west-central Texas. Strong winds with blowing dust occurred along the leading edge of this band of storms, across the western Big country and northwestern [Concho Valley](#). Visibility was sharply reduced in blowing dust, and wind gusts were 50-70 mph across those areas. Frequent lightning and heavy rainfall accompanied the band of storms.

Hot and very humid conditions affected central and southern parts of west-central Texas on June 9, ahead of a cold front. High temperatures 96-104 degrees were accompanied by heat indices of 102-109 degrees. With the southward approach of the cold front into the hot, unstable airmass, scattered thunderstorms occurred in southern parts of west-central Texas, generally along and south of the Interstate 10 corridor. Strong thunderstorm winds broke tree limbs in Hilda (Mason County).

With a very unstable airmass over the area, a number of [severe storms](#) occurred on the afternoon and evening of June 16. Golf ball to hen egg size hail accompanied several of the storms. Additional non-severe storms affected eastern and some of the central parts of west-central Texas, on the early morning of June 17.

A few storms with strong winds (60-70 mph) affected the Big Country north of Interstate 20 on June 18.

[Severe weather](#) occurred across mainly the [Heartland](#) area, on the evening of June 19.

With a strong upper level disturbance moving into the southern and central Plains, and a cold front moving southeast into west-central Texas, a [severe weather event](#) occurred mostly across the Big Country, on the late afternoon and evening of June 23. [Strong downburst winds](#) caused damage in Baird. A 61 mph wind gust occurred at the Abilene Regional Airport.

This was followed by additional [severe weather](#) across mainly the central part of west-central Texas, on the late afternoon and evening of June 24. This occurred as a weak frontal boundary moved south into

very unstable air. A tornado occurred to the southwest of Eden, near the southeastern corner of Tom Green County. This storm moved to the south, and associated strong winds caused damage to a residence near the border of Schleicher and Menard Counties.

During the last several days of June, the weather pattern became more typical of summer across Texas. An upper level high pressure system developed from the southern Rockies to the central Plains, and brought dry weather to west-central Texas.

With the approach of an upper level disturbance from East Texas, scattered to numerous showers and thunderstorms with locally heavy rain occurred on the early morning of June 30 across eastern and southeastern parts of the area. Additional scattered showers and storms occurred during the afternoon and early evening, across a broad area to the south of Interstate 20 and north of Interstate 10. A few of the storms were strong.

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