

Climate and Weather Summary for June 2025

Temperatures in June averaged above normal at Abilene and slightly below normal at San Angelo. Precipitation was below normal at Abilene and well-above normal at San Angelo. Table 1 summarizes June 2025 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	82.1°	1.0°	81.1°	2.88"	-0.56"	3.44"
San Angelo	81.9°	-0.3°	82.2°	3.76"	1.45"	2.31"

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	100° on June 8	76° June 6, 18	82° on June 4	62° on June 4	1.40" June 8
San Angelo	98° on June 8	76° on June 18	82° June 4, 11	63° on June 4	1.77" June 11

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

- San Angelo had no days in June with daily high temperatures 100° or more.
- Abilene recorded 1 day in June with daily high temperatures 100° or more.

Maps of total precipitation and percentage of normal precipitation, for June, are shown in Figures 1 and 2 (below). These maps are from the High Plains Regional Climate Center.

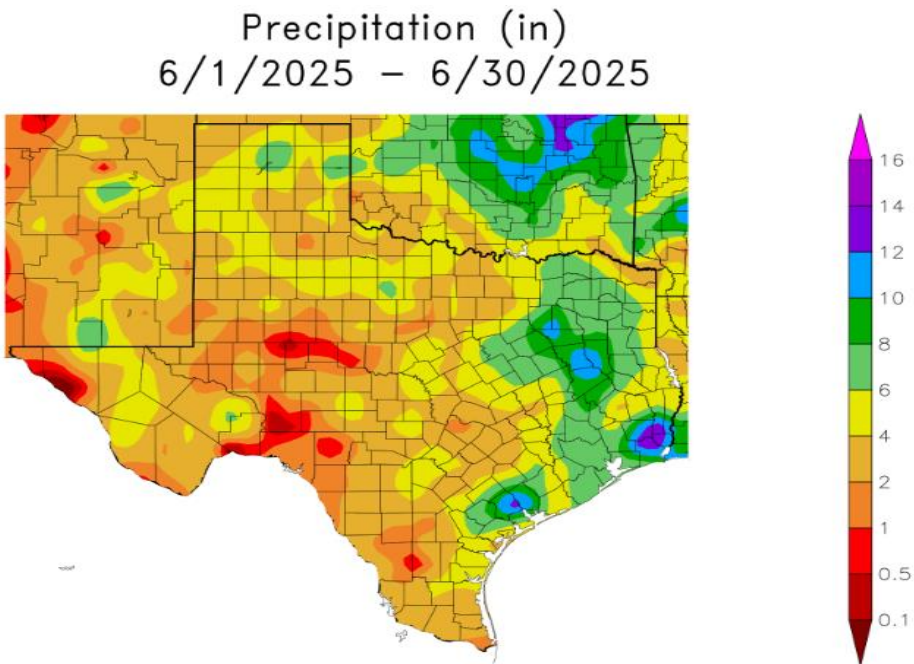


Figure 1: Total Precipitation for June.

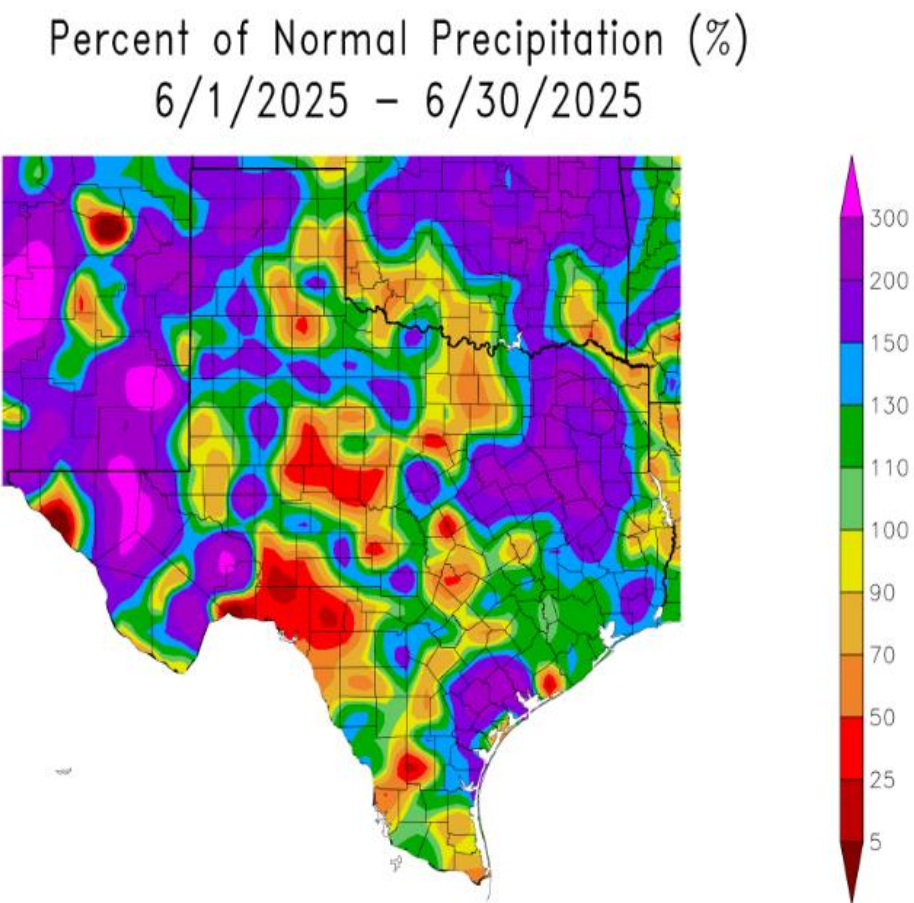


Figure 2: Percentage of Normal Precipitation for June.

Precipitation for June was below normal in much of the Heartland and northern Concho Valley, some of the Big Country, and parts of the Northern Edwards Plateau (orange and red shading in Fig. 2). For the rest of [west-central Texas](#), June precipitation was near to above normal (yellow, green, light blue and purple shading in Fig. 2).

June 2025 Weather Highlights

The early part of June was very active for west-central Texas.

An extensive area of showers and thunderstorms moved east across west-central Texas in the early morning of June 3. Heavy rain caused flooding of a portion of a ranch to market road 1 mile south-southeast of Christoval.

Strong to severe storms affected some of the eastern parts of the area, from the evening of June 3 into the early morning of June 4. Isolated storms caused wind damage at the Fort Griffin State Historic site (Shackelford County), in Zephyr (Brown County), and 5 miles north of San Saba. The storms expanded in coverage along a southward-moving cold front as it entered southeastern parts of west-central Texas. Heavy rain in short periods of time from these storms caused flooding at a few locations. A [total of 7 severe weather/flooding reports](#) were received.

A unique high wind event occurred in parts of the Concho Valley, between 10 PM June 5 and 1 AM on June 6. A thunderstorm complex (with strong to severe storms) moved over the Trans-Pecos area (Pecos and Terrell Counties) June 5 during the evening before eventually dissipating. Possibly aided by development of a nocturnal low-level jet, strong winds descended from the dissipating thunderstorm complex and overspread parts of the Concho Valley. Peak wind gusts were 50-60 mph at the San Angelo Airport, and at the Mesonet sites at Mertzon and Wall.

In the early nighttime hours of June 7, a severe thunderstorm produced a 74 mph wind gust at the Mesonet site near Haskell. The following morning, an isolated severe storm tracked southeast across Fisher County. Baseball size hail was reported with this storm 6 miles east of Rotan. The Mesonet site 5 miles west of Rotan recorded a 71 mph wind gust. In addition, hail to the size of a ping pong ball was reported 3 miles northwest of Sylvester.

A significant severe weather event occurred in the Big Country June 8, mostly between 7 PM and Midnight. With a moist and strongly unstable airmass, thunderstorms developed over the Texas Panhandle and northwest Texas as an upper level disturbance (embedded in west-northwest flow aloft) moved over the area. The storms then consolidated and formed a few complexes which tracked southeast across the Big Country and all of North Texas. Damaging winds accompanied these thunderstorm complexes, and peak wind gusts across the Big Country were mostly 65-85 mph. The highest winds were estimated to be 100 mph in Fisher County and 100 mph in northern Abilene, where [damage surveys](#) were conducted.

Hail to the size of quarter up to golf ball was reported at several locations, but the widespread very strong/damaging winds were the most impactful. With the very heavy rainfall which accompanied the complexes of storms, flooding was reported in Jones County (3 miles west-southwest of Hodges), in

Shackelford County (Albany), and in Abilene. In all, a [total of 35 severe weather and flooding reports](#) were received for this event.

An isolated severe storm with very large hail tracked from Sterling County south across Irion County and the western half of Schleicher County, on the evening and early nighttime hours of June 9. In Irion County, [hail of at least 3 inches in diameter \(between baseball and softball size\) caused notable damage 9 miles west of Mertzon.](#) In Schleicher County, baseball size hail was reported 13 miles west of Eldorado (near the intersection of Highway 190 and FM 1828).

The active weather continued June 10-11, as an upper level disturbance moved slowly east across West Texas into north-central Texas. A band of strong thunderstorms (with gusty winds) moved southeast across the area from the post-Midnight hours to the mid-morning of June 10. The highest peak wind gusts (50-57 mph) occurred at several locations in the Big Country and Concho Valley. For much of the rest of the area, peak wind gusts were 40-50 mph from these storms. Parts of a roof were ripped off of a church on the northwest side of San Angelo.

An area of showers and non-severe thunderstorms moved northeast across southern and central parts of west-central Texas from the evening of June 10 into the early morning of June 11. Showers and storms occurred in various parts of the area through the day June 11 into the nighttime hours. Temperatures for the area were cooler and limited to the 80s for highs June 11, and in the 80s to around 90 degrees for highs June 10. This occurred as a result of the showers and storms, and with increased cloud cover.

A band of showers and thunderstorms with strong, gusty winds moved south across the eastern half of the Big Country on the morning of June 15. A Mesonet site near Stamford (5 miles east-southeast of Stamford) recorded a 69 mph wind gust. A Mesonet site in Abilene (Abilene Christian University) recorded a 62 mph wind gust. Some wind damage was reported in the vicinity of Abilene. At the Abilene Regional Airport, a hangar door was blown off track at Freeman Jet Center. A metal roof was blown off of a small building across from the Abilene Livestock Auction. In addition, a billboard was completely destroyed and wrapped around a telephone pole 5 miles east of Abilene. The band of showers and storms continued moving south across the rest of the eastern half of west-central Texas through the afternoon hours, but winds were not as strong and no additional severe weather occurred.

The weather was dry with a more settled pattern June 16-29, with temperatures generally within a few degrees of normal. The air was relatively humid with south to southeast winds each day helping to bring moisture into the area. A period of stronger, more gusty winds occurred June 21-22. Peak wind gusts on both of these days were in the 40-45 mph range at Abilene and San Angelo.

With the approach of a weak cold front from the north, numerous showers and thunderstorms with locally heavy rain occurred across the Big Country and Concho Valley June 30, from the afternoon into the nighttime hours.