

Climate and Weather Summary for April 2025

Temperatures in April averaged above normal at San Angelo and Abilene. Precipitation was well-above normal at both locations, especially at Abilene. Table 1 summarizes April 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 April Precipitation (In.)
Abilene	68.3°	2.3°	66.0°	5.98"	4.12"	1.86"
San Angelo	69.7°	2.6°	67.1°	2.71"	1.24"	1.47"

Table 1: April 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)	Coldest High Temperature (°F)	Coldest Low Temperature (°F)	Maximum Daily Precipitation (In.)
Abilene	96° on Apr. 13	71° on Apr. 28	55° Apr. 5, 6	33° on Apr. 7	3.23" Apr. 19
San Angelo	98° on Apr. 13	72° on Apr. 28	54° on Apr. 5	32° on Apr. 7	1.44" Apr. 19

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

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

Precipitation (in)
4/1/2025 – 4/30/2025

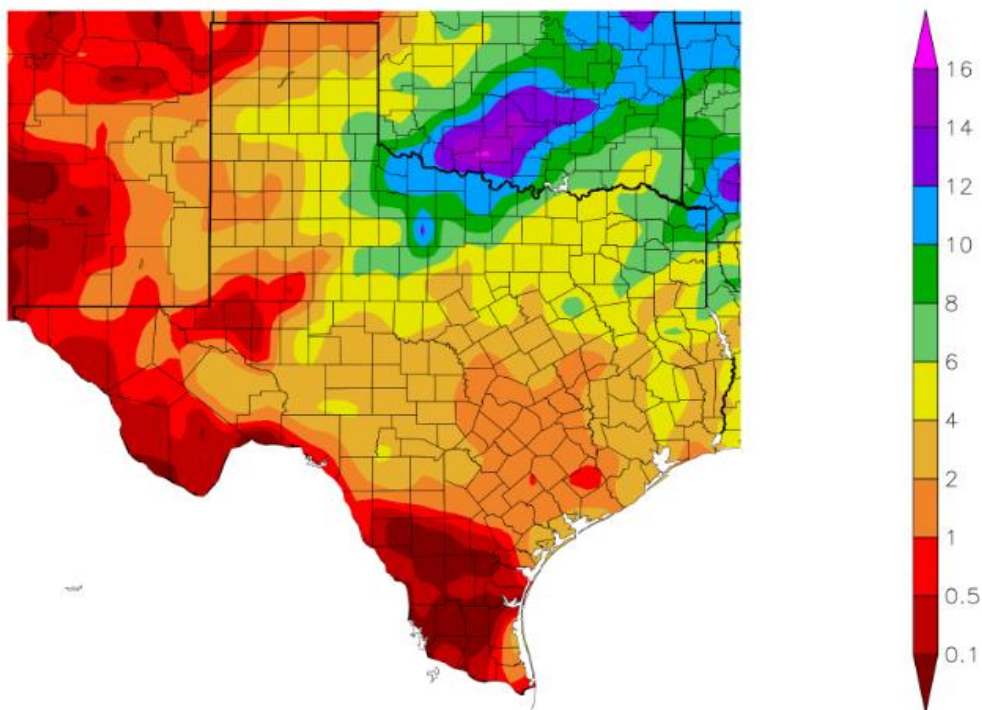


Figure 1: Total Precipitation for April.

Percent of Normal Precipitation (%)
4/1/2025 – 4/30/2025

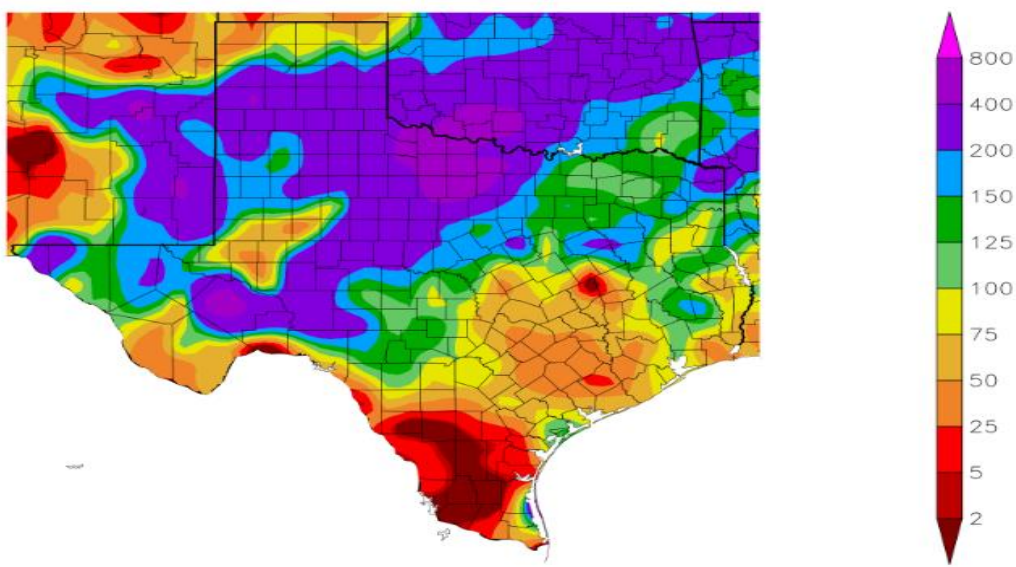


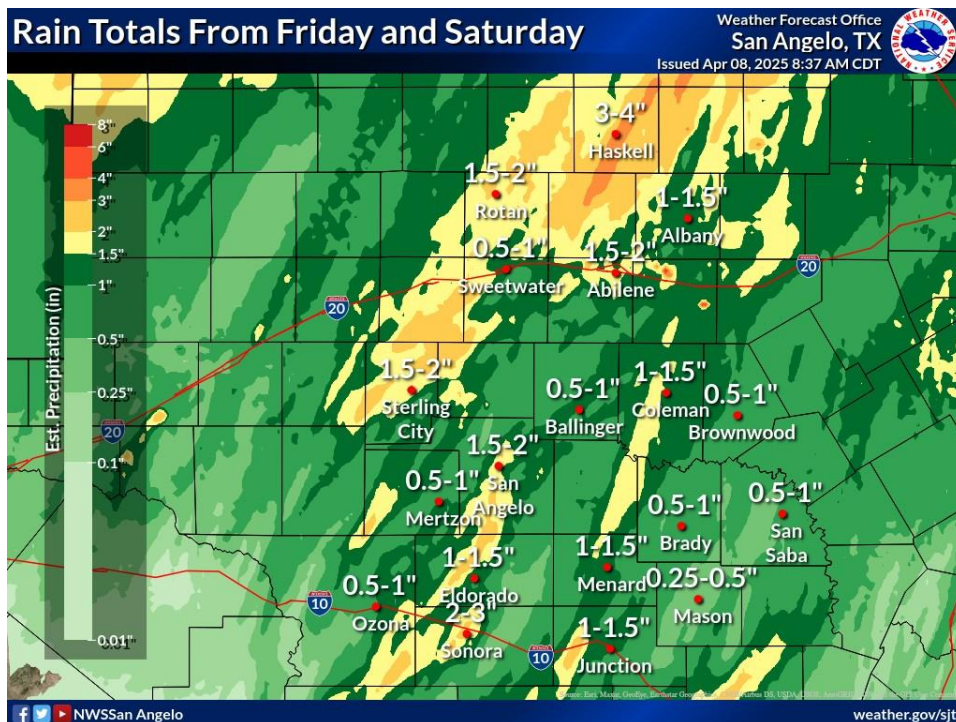
Figure 2: Percentage of Normal Precipitation for April.

April 2025 Weather Highlights

The weather pattern was active in the first week of April. Gusty south winds accompanied very warm temperatures Apr. 1. Peak wind gusts of 40-50 mph occurred at a number of locations in northern and central parts of the area. Afternoon highs were in the lower to mid 90s across the area. Following an early morning cold frontal passage Apr. 2, afternoon highs were 8-12 degrees cooler (than Apr. 1).

With a strong and slow-moving upper level storm system over the southwestern part of the country, west-central Texas experienced 3 consecutive nights of stormy conditions. During the overnight and early morning hours Apr. 3-5 (mostly between Midnight and 7 AM each day), thunderstorms rapidly developed and became numerous across the area. Some of the storms were strong to severe. On Apr. 3, golfball to baseball size hail was reported in Jones County. Golfball size hail occurred in Throckmorton. West Texas Mesonet sites recorded thunderstorm wind gusts of 71 mph 5 miles west of Rotan (Fisher County) and 66 mph just northwest of Haskell. Wind damage was reported in Throckmorton County (3 miles south-southeast of Woodson). Wind speeds estimated at 80 mph damaged the roof of a residence, along with a metal roof barn on that property. A small trailer was also rolled over. In Taylor County (3 miles southeast of Lawn), winds estimated at 85 mph caused damage to the door and roof of a large metal barn. Large tree branches were broken off several trees. In addition, an air conditioner compressor at the side of the house was moved off its foundation and flipped on its side. No severe weather was reported with storms on the second night, and the coverage was limited to mainly northern and far western parts of the area. Storms on the third night were more widespread in coverage, and a [total of 8 large hail reports](#) were received.

The storms also contained heavy rainfall, but this rainfall was beneficial in the short-term for the area where drought conditions were expanding. A map of estimated rainfall totals is shown below.



Daytime temperatures were chilly and much below normal Apr. 4-6, with considerable cloud cover and generally north winds. The coolest day was Apr. 5, when highs were mostly in the upper 40s to mid 50s, with a few upper 50s in the southern part of the area. A later than normal freeze occurred Apr. 7 at a number of locations, when high pressure settled into the area. Clear skies and light winds allowed temperatures to drop into the upper 20s to lower 30s for lows at numerous locations across the area.

A strong warming trend followed with increased and breezy south winds Apr. 8-9. Afternoon highs were in the upper 80s to lower 90s Apr. 9. Very warm and well-above normal daytime temperatures continued Apr. 11-13, when an upper level ridge of high pressure gradually shifted east over Texas. Although no fires were reported, fire weather concerns were elevated with a combination of rather dry air and gusty south winds. Temperatures were hottest Apr. 13, with afternoon highs in the mid to upper 90s. Peak wind gusts Apr. 13 were 44 mph at Abilene and 40 mph at San Angelo.

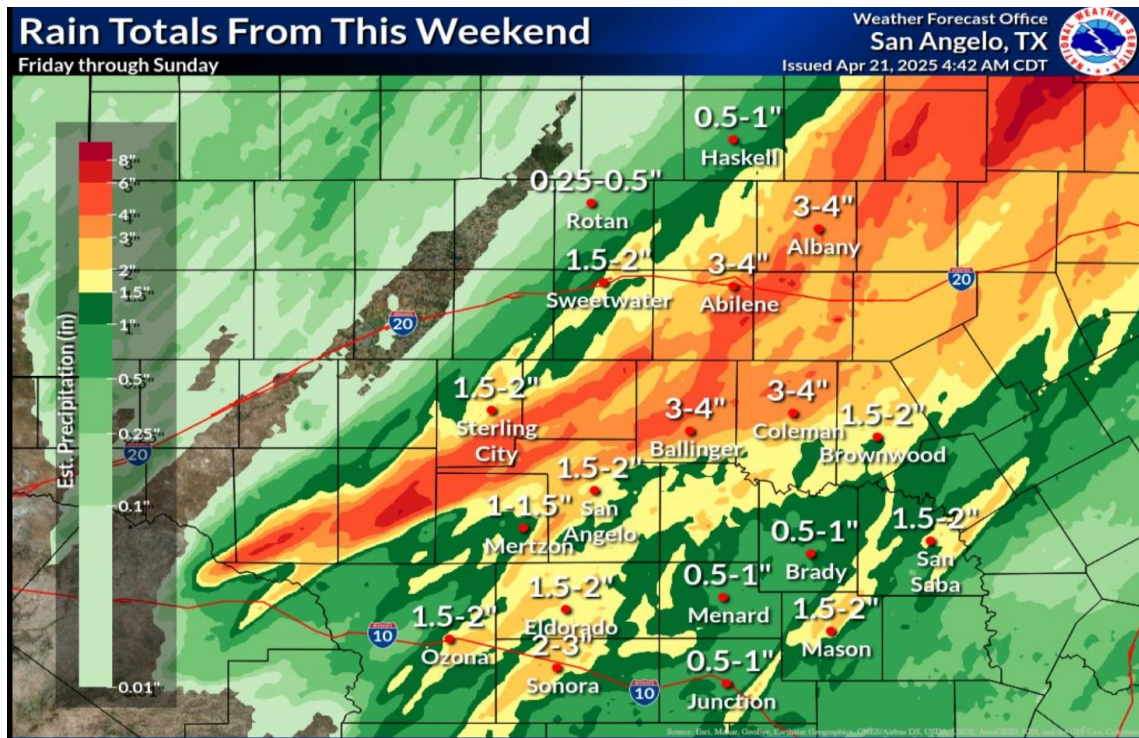
With the gradual approach of an upper level storm system from Arizona and New Mexico, rounds of thunderstorms occurred during the overnight hours of Apr. 18-19, and from the afternoon of Apr. 19 into the post-Midnight hours of Apr. 20.

During the overnight hours of Apr. 18-19, a band of showers and thunderstorms developed and overspread the area east of an Iraan to Sterling City to Haskell line. Some of the storms contained strong, gusty winds and hail, in addition to heavy rain.

Supercell storms in western Crockett County and the the western Concho Valley tracked northeast during the late afternoon and early evening of Apr. 19. A [tornado](#) was reported (captured on storm chaser video) near the border of northern Irion, southern Sterling, and the panhandle of Tom Green Counties. Large hail (size) was reported on the west side of Robert Lee.

During the overnight hours of Apr. 19-20, a line of strong to severe storms moved rapidly east across west-central Texas. [Most of the severe weather reports were for large hail and strong winds](#). Heavy rainfall also accompanied this line of storms.

The map below (next page) shows rainfall over easter weekend (Apr. 19-20) was beneficial for the area.



Sporadic severe weather occurred late in the month.