

## Climate and Weather Summary for February 2019

Temperatures in February averaged above normal at Abilene and San Angelo. Precipitation was below normal at both locations. Table 1 summarizes February 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 February Precipitation (In.)
Abilene	50.7°	2.1°	48.6°	0.24"	-1.12"	1.36"
San Angelo	51.9°	1.6°	50.3°	0.28"	-1.07"	1.35"

**Table 1: February 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	83° on Feb. 14	63° on Feb. 6	36° Feb. 8, 19	22° on Feb. 8	0.09" on Feb. 7
San Angelo	84° on Feb. 15	62° on Feb. 6	32° on Feb. 8	23° on Feb. 24	0.12" on Feb. 7

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

- In February, no snowfall was recorded at San Angelo. Abilene recorded a trace of snow on Feb. 19.
- No daily record precipitation amounts were set during the month at Abilene and San Angelo.
- New daily record high minimum temperatures were set at Abilene (63 degrees) and San Angelo (62 degrees) on Feb. 6.

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

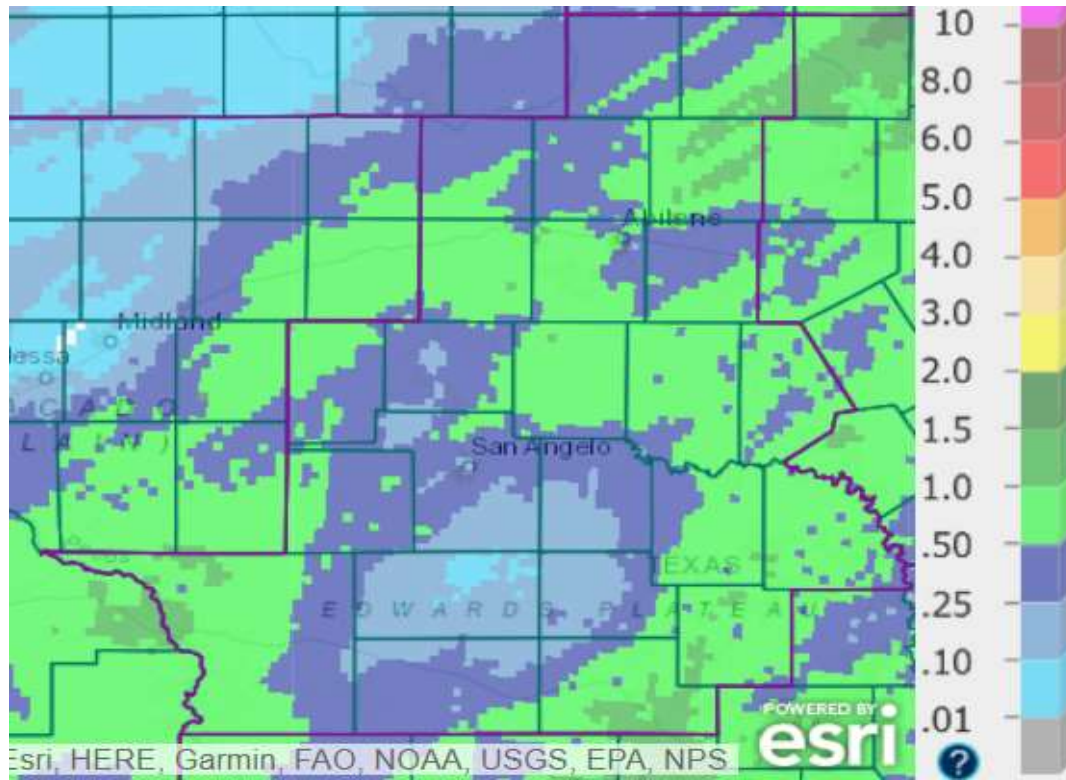


Figure 1: Total Precipitation for February.

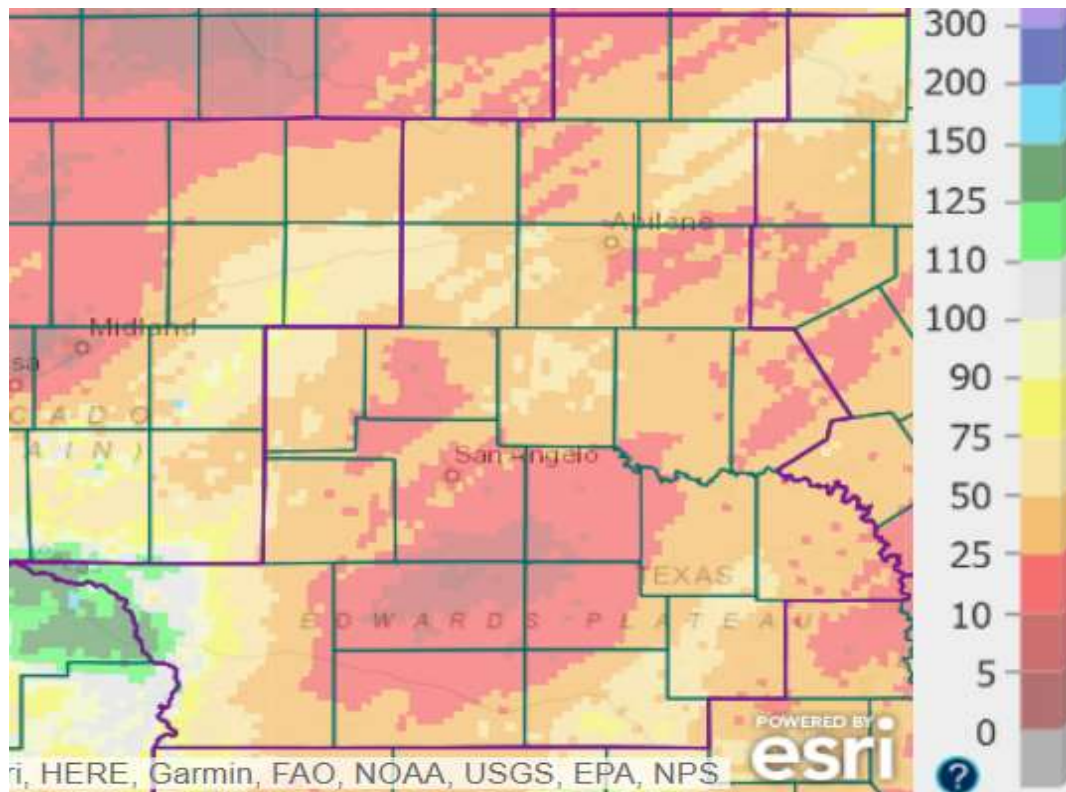


Figure 2: Percentage of Normal Precipitation for February.

The monthly precipitation for February was well-below normal across most of west-central Texas (orange and red shading in Figure 2, denoting less than 50 percent of normal precipitation). The main exception was in the far northwestern part of Crockett County, where February precipitation was more than one inch.

### Weather Highlights:

Scattered showers and a few thunderstorms occurred during the overnight hours of Feb. 1-2, as an upper level disturbance moved east into the region.

Spring-like conditions occurred Feb. 2-6, with well-above normal temperatures. Highs were mostly in the upper 70s to lower 80s on the 5<sup>th</sup>, and in the mid 70s to around 80 on the 6<sup>th</sup>. New record high minimum temperatures were set at Abilene (63 degrees) and San Angelo (62 degrees) on Feb. 6.

With the approach of an upper level disturbance and arrival of a cold front, a band of showers and thunderstorms developed and moved east across northern and central parts of west-central Texas during the post-Midnight hours of Feb. 7. Pea to dime size hail was reported from a storm in the Abilene area. A peak wind gust of 42 mph was recorded at the San Angelo Regional Airport. Pea size hail also occurred in the vicinity of the airport. Rainfall amounts for Feb. 7 are shown in Figure 3 (below). Most of the rainfall varied under one-half inch, but widely scattered locations in the Big Country received one-half to three quarters of an inch.

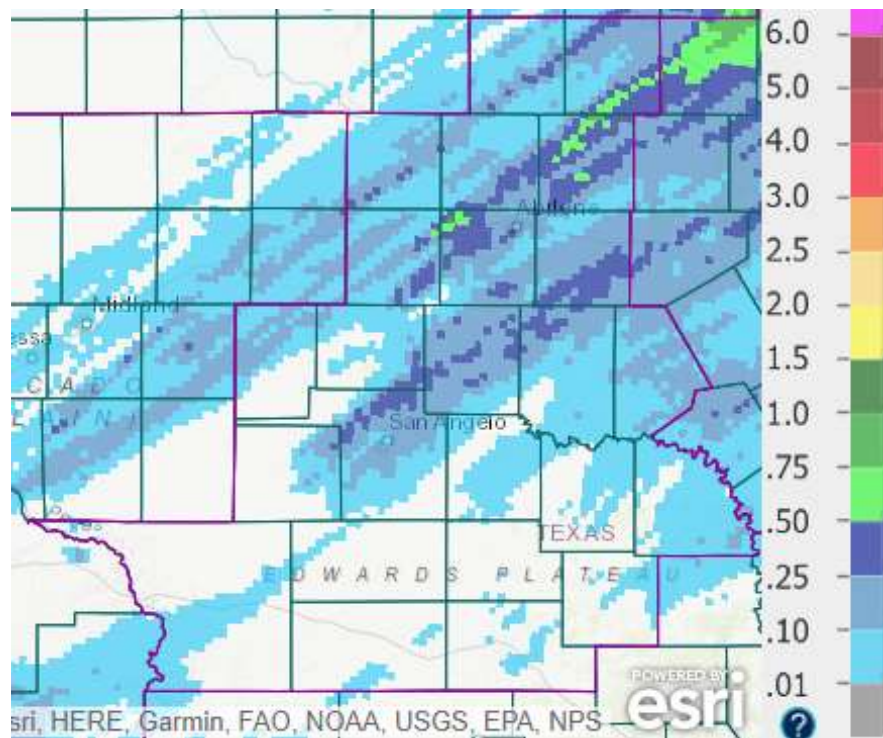


Figure 3: Precipitation for the 24-hour period ending at 6 AM, Feb. 7.

Much colder air poured into the area following a strong cold frontal passage on Feb. 7. Early morning low temperatures on Feb. 8 ranged from the upper teens across most of the Big Country, to near 30 along the Interstate 10 corridor. Early morning wind chill values were mostly in the teens to lower 20s.

Some patchy light wintry precipitation occurred on Feb. 8 with the cold air remaining in place. The precipitation was mostly light snow, mixed with sleet. Isolated minor accumulations occurred in far southern and southeastern parts of west-central Texas, and in parts of Coleman and Brown Counties. Slick spots were reported on some roads and bridges in Coleman.

As the airmass moderated and southerly winds returned, areas of fog and drizzle occurred on the morning of Feb. 10. Periodic light rain showers occurred on Feb. 10-11, as a couple of weak upper level disturbances moved east across Texas and interacted with moisture over the area.

Temperatures were much warmer and well-above normal on Feb. 14-16. Highs on the 14<sup>th</sup> were in the 70s to lower 80s with gusty southwest winds.

Temperatures fluctuated between above and below normal during the second half of the month, with little precipitation. The majority of days below normal.

Strong, gusty west winds occurred on Feb. 23. This occurred as an upper level storm system moved from New Mexico northeast into Kansas. Peak wind gusts exceeded 50 mph across the Big Country, and 40-50 mph across the Concho Valley.

After highs in the 70s on Feb. 26, a strong cold frontal passage from the north brought an intrusion of much colder air into west-central Texas on Feb. 27. On the early morning of Feb. 28, freezing drizzle occurred across the area north of a Sweetwater to San Angelo to Brady line, where temperatures were below freezing.

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