

Climate and Weather Summary for February 2017

Temperatures averaged well-above normal for the month. Table 1 summarizes February 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 February Precipitation (In.)	Total Snowfall (In.)
Abilene	55.9°	+7.3°	48.6°	1.45"	0.09"	1.36"	0.0"
San Angelo	58.3°	+8.0°	50.3°	1.23"	-0.12"	1.35"	0.0"

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)	Coolest High Temperature (°F)	Coolest Low Temperature (°F)	Maximum Daily Precipitation (In.)
Abilene	89° Feb. 11, 23	59° Feb. 11	42° Feb. 14	24° Feb. 3	0.55" on Feb. 13, 14
San Angelo	93° Feb. 11	63° Feb. 28	46° Feb. 3	30° Feb. 3, 16	0.59" on Feb. 14

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

- Warmest February on record at San Angelo (and warmest average high temperature for the month)
- 3rd Warmest February on Record at Abilene

San Angelo tied with year 1954 for the 3rd highest minimum temperature for the month of February (highest was 34 degrees set in 1957).

San Angelo also recorded the 2nd highest number of days (12) with highs 80 degrees or warmer, for the month of February.

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

February Rainfall Totals Through:Feb 28 2017

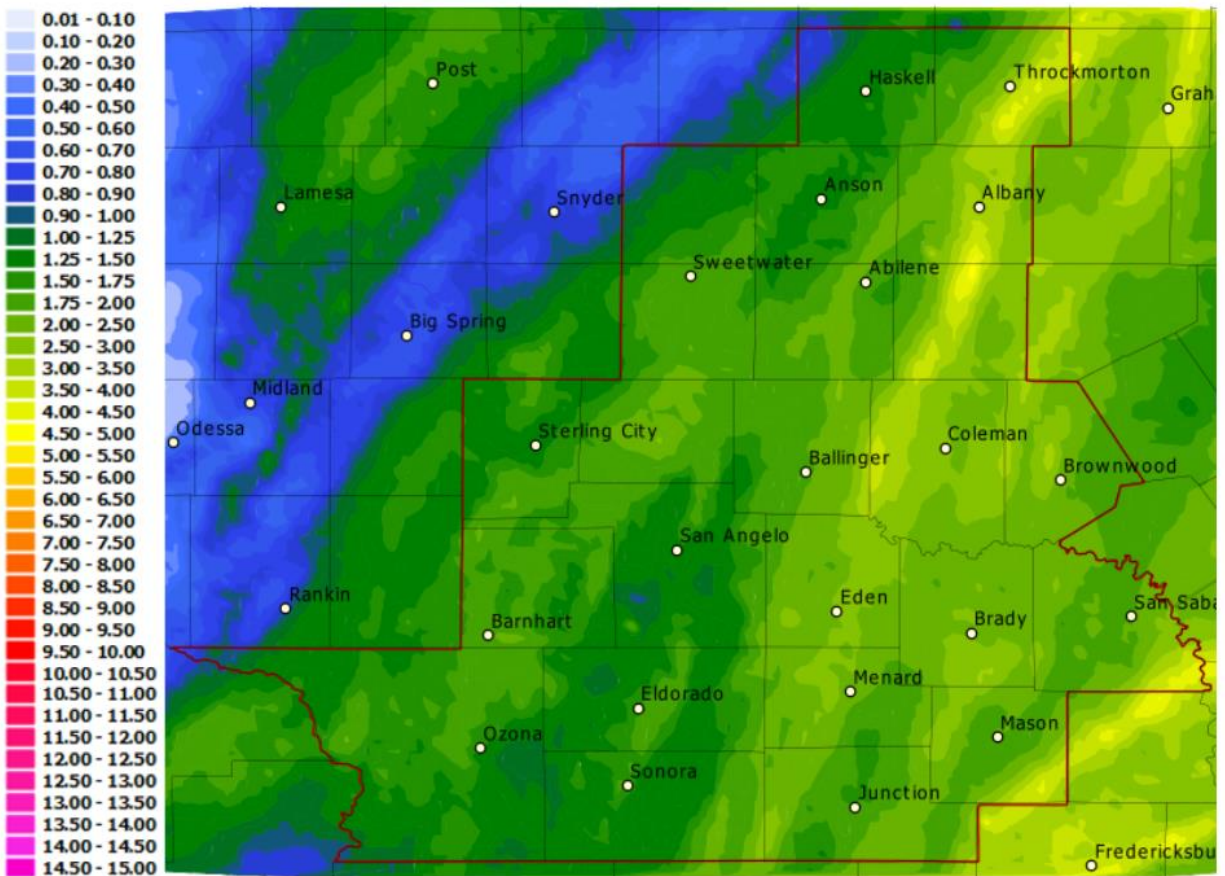


Figure 1: Total Precipitation for February.

Precipitation for February varied from slightly below normal to well-above normal (not shown). The monthly precipitation was between 2 and 3 inches across much of the eastern half of west-central Texas, and in scattered parts of the western half. A few locations in the eastern third of the area received over 3 inches of precipitation for the month.

Weather Highlights:

Daily high temperatures were well-above normal with dry conditions Feb. 6-11. The warmest day during this time period was on the 11th, when highs were in the upper 80s to lower 90s. A record high was set at San Angelo (93 degrees) on the 11th.

Showers and thunderstorms with fairly widespread coverage occurred on Feb. 13-14, along with colder temperatures. Figure 2 shows rainfall amounts for February 13-14. This rainfall occurred as an upper level storm system tracked over the area.

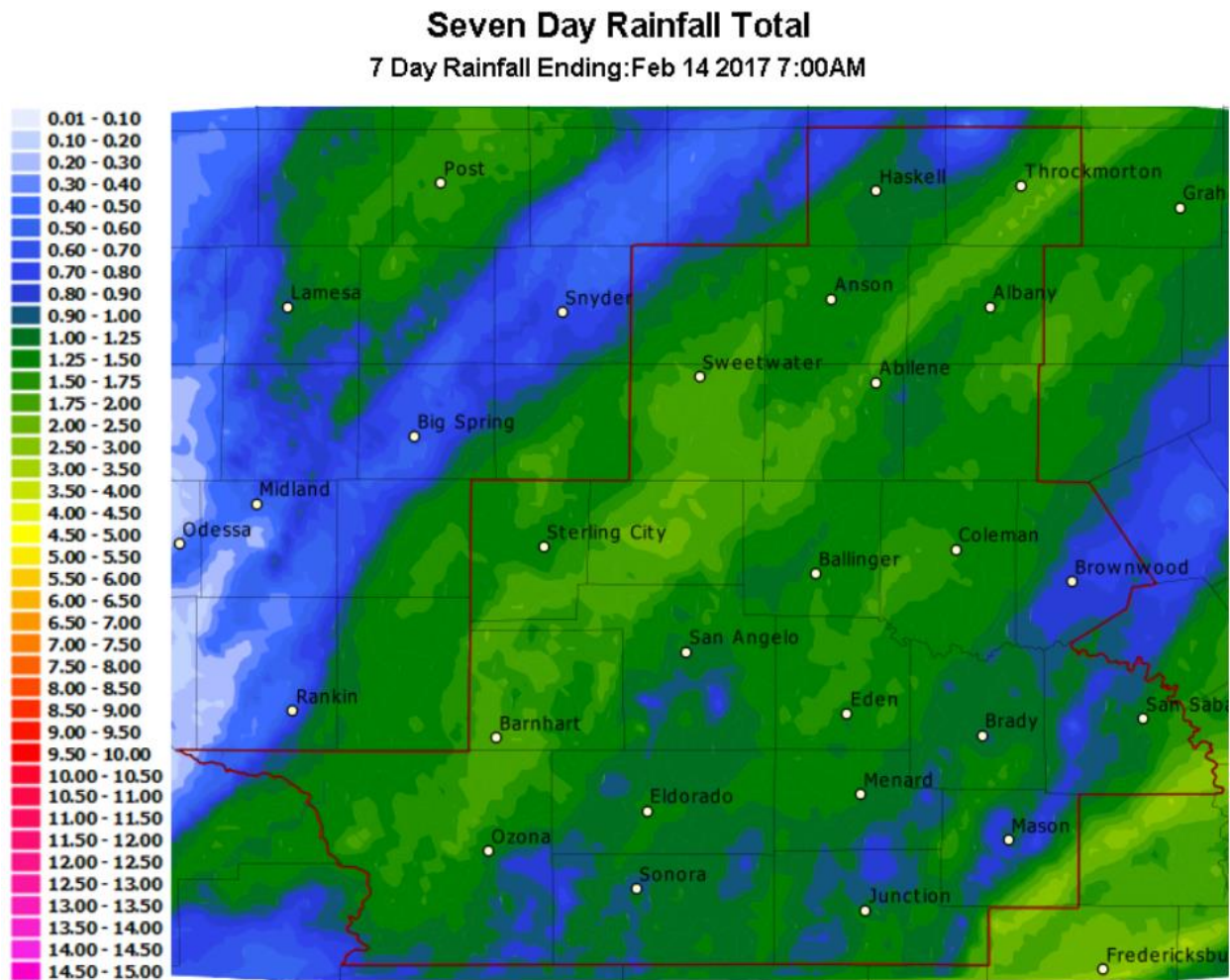


Figure 2: Rainfall for the 7-day period ending at 7 AM February 14, 2017.

Rainfall amounts of 1-2 inches occurred across most of west-central Texas.

With arrival of strong upper level disturbance into an unstable airmass, scattered strong to severe thunderstorms occurred across the eastern half of west-central Texas, on the late afternoon and evening of the 19th. Although no severe weather reports were received, some of the storms likely contained large hail. The coverage of showers and thunderstorms increased through the evening and early nighttime hours. Rainfall amounts across much of the eastern parts of west-central Texas (generally east of a Throckmorton to Ballinger to Roosevelt line) in the range of 1-2 inches were common, with localized higher amounts (not shown).

Daily high temperatures continued to be well-above normal with dry conditions Feb. 18-23, and at the end of the month. The warmest day was on the 23rd, when highs were mostly in the upper 80s to lower

90s. Record high temperatures were set at San Angelo (92 degrees), and tied at Abilene (89 degrees). A record high minimum temperature was set at San Angelo (63 degrees) on the 28th.