

## Climate and Weather Highlights for 2022

Temperatures averaged slightly above normal for the year at Abilene and slightly below normal at San Angelo. Precipitation for the year was below normal at Abilene and above normal at San Angelo. Table 1 summarizes Year 2022 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 Annual Precipitation (In.)	Total Snowfall (In.)
Abilene	67.5°	+1.6°	65.9°	14.63"	-10.61"	25.24"	3.0"
San Angelo	67.7°	+1.0°	66.7°	13.70"	-7.23"	20.93"	0.8"

**Table 1: Year 2020 Temperature and Precipitation Data for Abilene and San Angelo.**

- Abilene tied for its 3<sup>rd</sup> warmest year on record (mean annual temperature 67.5°), and set it 8<sup>th</sup> driest year on record (14.63").
- San Angelo tied for its 8<sup>th</sup> warmest year on record (mean annual temperature 67.7°), and set its 24<sup>th</sup> driest year on record (13.70").

Additional annual 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	110 Jul. 18, 19, 20	83° Jul. 19, 20	20° Feb. 3	10° Dec. 22, 23	1.84" on Aug. 29
San Angelo	110° Jul. 11	80° July 19, 20	25° Feb. 3	12° Dec. 23	1.90" on Nov. 25

**Table 2: Additional Year 2022 Climate Data for Abilene and San Angelo.**

The number of days in 2022 with high temperatures 100° or more were 78 at San Angelo and 76 at Abilene. For both San Angelo and Abilene, these were the second highest annual number of days on record with high temperatures 100° or more. The *average annual number of days* with high temperatures 100 degrees or more are 18 at San Angelo, and 12 at Abilene.

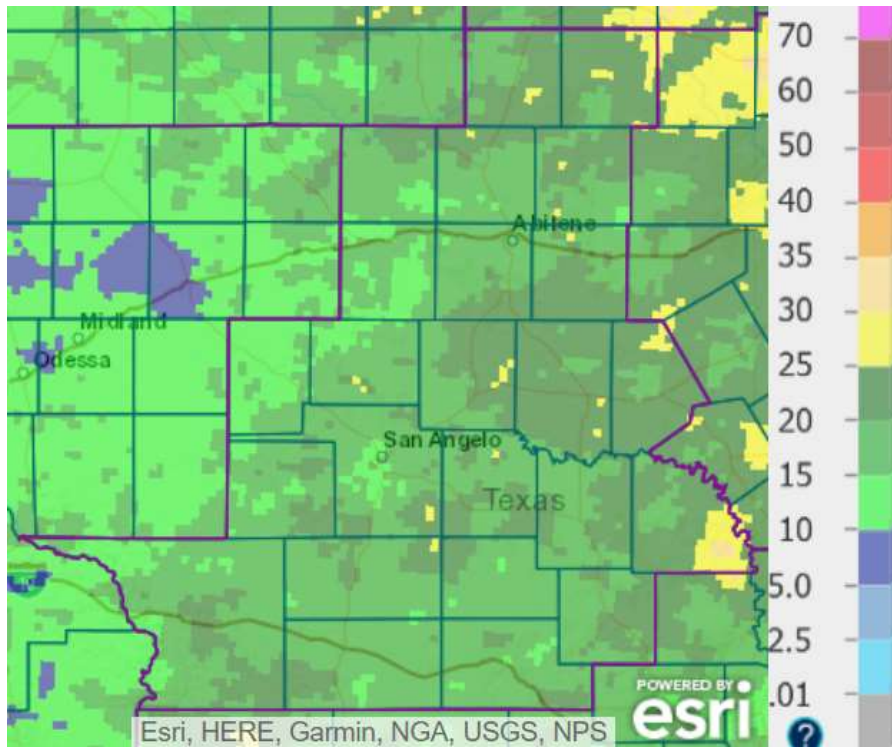
The growing season information for the year is summarized in Table 2, for Abilene and San Angelo.

Site	Last Spring Freeze	First Autumn Freeze	Length of Growing Season	Normal Length of Growing Season (1991-2020 Average)	Departure from Normal
Abilene	Mar. 24	Nov. 12	232 days	234 days	-2 Days
San Angelo	Mar. 13	Nov. 12	243 days	230 days	13 Days

**Table 3: Growing Season Information for Abilene and San Angelo.**

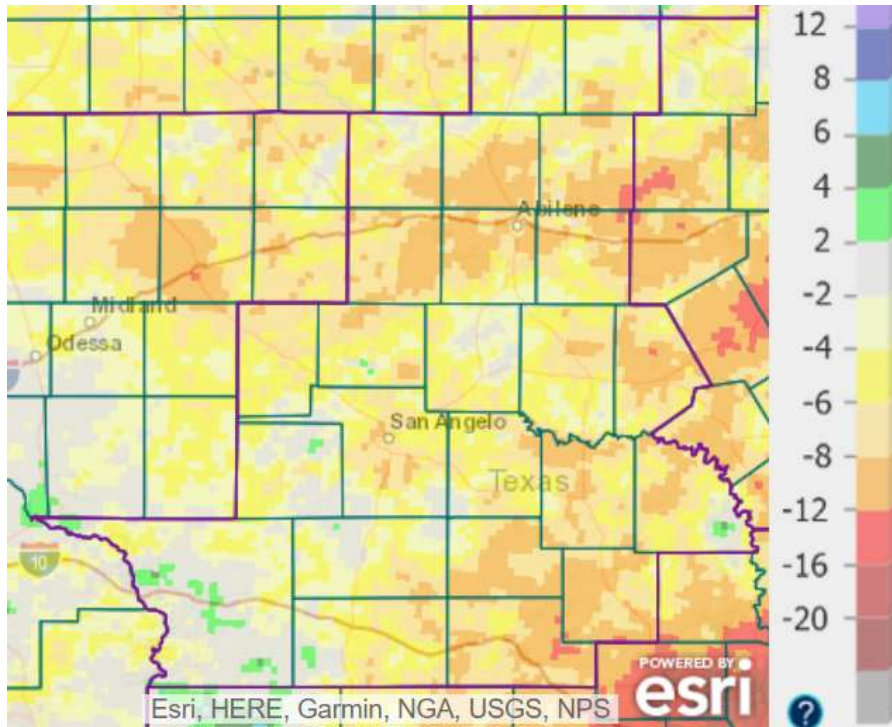
The growing season (number of days between the last spring freeze and the first autumn freeze) was 2 days shorter than normal at Abilene, and 13 days longer than normal at San Angelo.

Total precipitation for the year is shown in Figure 1.



**Figure 1: Total Annual Precipitation for Year 2022. Scale on right is in inches.**

Percentage of normal precipitation for the year is shown in Figure 2.



**Figure 2: Percentage of Normal Precipitation for Year 2022. Scale on right is in percent.**

For [west-central Texas](#) in Figure 1, annual precipitation ranged from less than 15 inches (light green shading) to more than 30 inches (beige shading in southeastern San Saba County). The annual precipitation was below normal across nearly all of west-central Texas (Fig. 2). For the areas in orange and red shading in Fig. 2, the departures from normal were more than 8 inches.

### **Weather Highlights:**

[Top 5 Weather Events of 2022](#) (link to a PDF Press Release from the National Weather Service San Angelo Weather Forecast Office)

Graphic shared on National Weather Service San Angelo social media pages (on the page below)

# 2022 Climate in Review



## HOT HOT HOT

### **Average Temperature For the Year:**

- Abilene: 67.5° – Tied 3<sup>rd</sup> Warmest Year on Record (1.6 above normal)
- San Angelo: 67.7° - In Top 10 Warmest Years (1.0 above normal)

### **Warmest Month EVER:**

- Abilene had the warmest of any month on record (July) – Average Temp of 90.7°
- San Angelo tied for the warmest of any month on record (July) - Average Temp of 89.7°

### **# of Daily High Temp. Records Broken or Tied:**

- Abilene: 27 broken/tied records
- San Angelo: 18 broken records

### **Hottest Temperature of 2022:**

- Abilene: 110° (Tied for second warmest temperature ever)
- San Angelo: 110° (Tied for second warmest temperature ever)



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## ENDLESS 100° SUMMER

### **# of Days that Reached 100°:**

- Abilene: 76 (2<sup>nd</sup> most ever)
- San Angelo: 78 (2<sup>nd</sup> most ever)

### **# of Consecutive 100° Days:**

- Abilene: 17
- San Angelo: 37 (Most ever)

## DRY

### **Precipitation:**

- Abilene: 14.63 inches (10.61 inches below normal)
- San Angelo: 13.70 inches (7.23 inches below normal)

Icon courtesy of [freepik](#)

[Links to Individual Monthly Weather and Climate Summaries for 2022](#)