

# August 2019 Climate Summary

## Overview

Weather Forecast Office  
Albuquerque, NM  
Issued December 23, 2019 7:32 PM MDT



### Synopsis

August 2019 was very hot and dry as monsoon moisture struggled to produce more than just spotty thunderstorm coverage over New Mexico. Showers and thunderstorms produced the greatest coverage of rainfall over the eastern plains while central and western New Mexico experienced another month of hit or miss storms. The Four Corners region remained exceptionally dry throughout the month. Temperatures were very hot with statewide average temperatures well above normal. Roswell reached 100°+ on 20 days, of which 6 days were 105°+, with one day at 111° (2<sup>nd</sup> warmest temperature ever recorded at Roswell). Severe weather was limited to only a handful of hail, high wind, and flash flood events.

Santa Rosa, NM | August 14, 2019  
Photo by Amy Howard



Albuquerque, NM | August 2, 2019  
Photo by Stu Ostro



Placitas, NM | August 6, 2019  
Photo by Karma Jessen



Tres Piedras, NM | August 15, 2019  
Photo by Mike Lewinski



# August 2019 Climate Summary

## State Temperatures

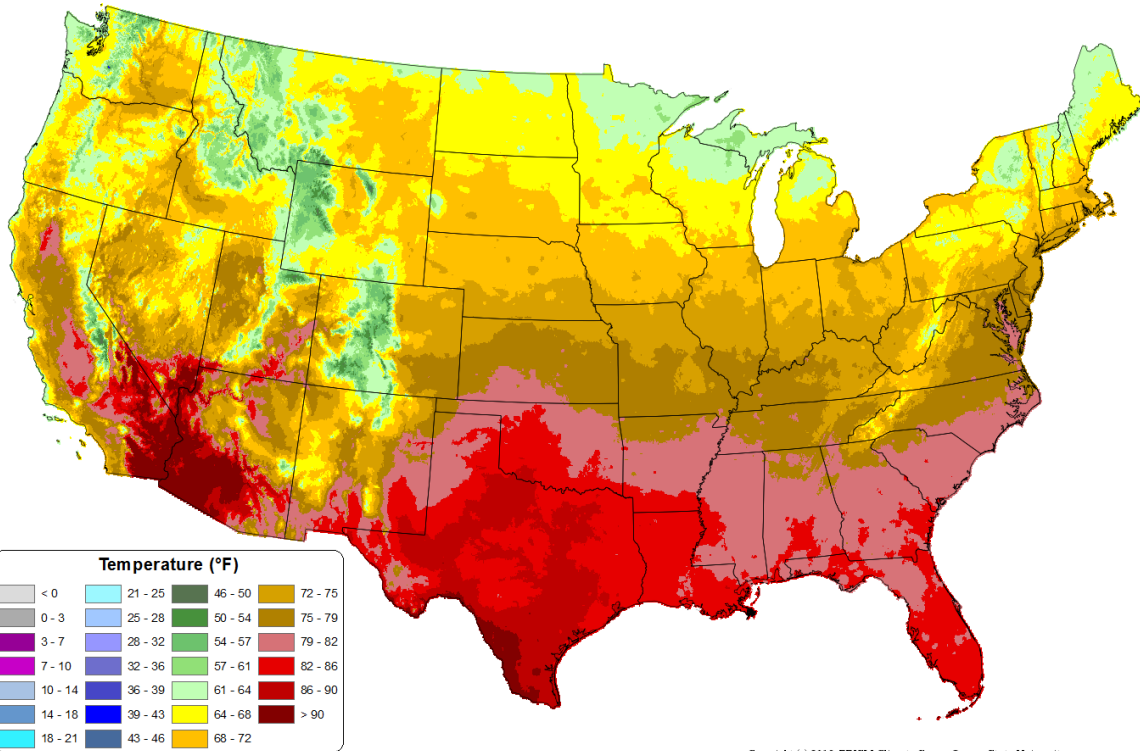
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### Actual

#### Average Daily Mean Temperature: Aug 2019

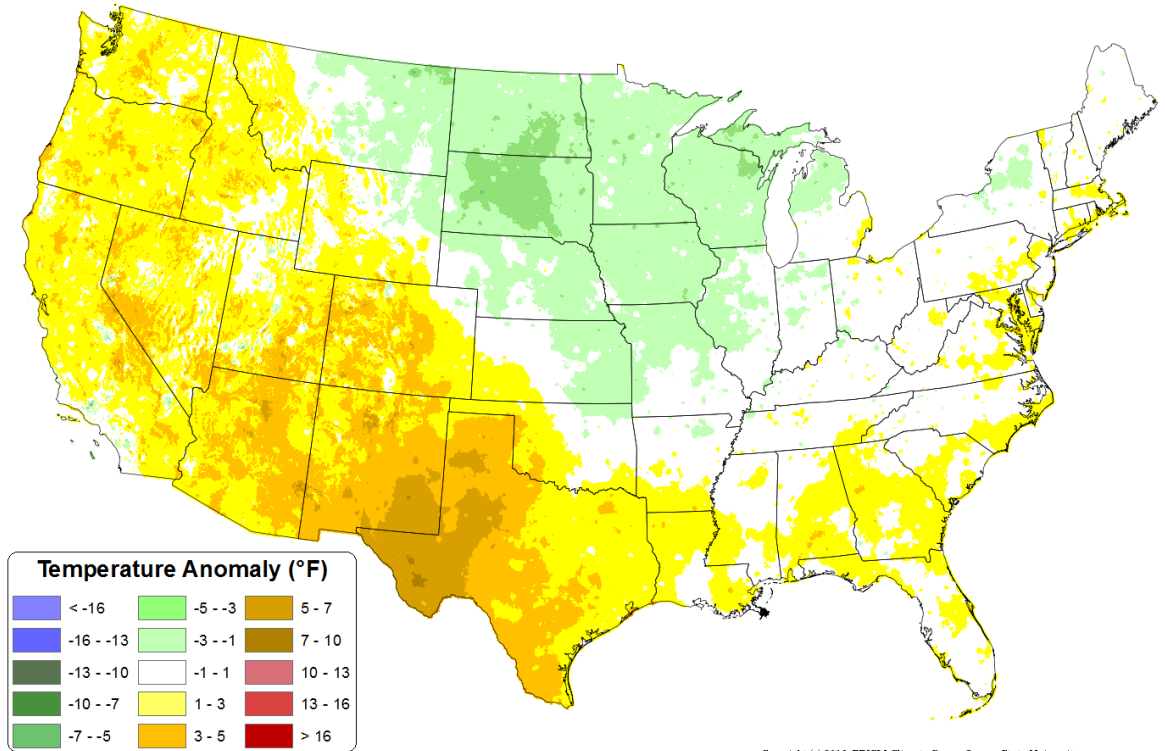
Period ending 7 AM EST 31 Aug 2019  
(Map created 20 Nov 2019)



### Anomaly

#### Daily Mean Temperature Anomaly: Aug 2019

Period ending 7 AM EST 31 Aug 2019  
Base period: 1981-2010  
(Map created 20 Nov 2019)



# August 2019 Climate Summary

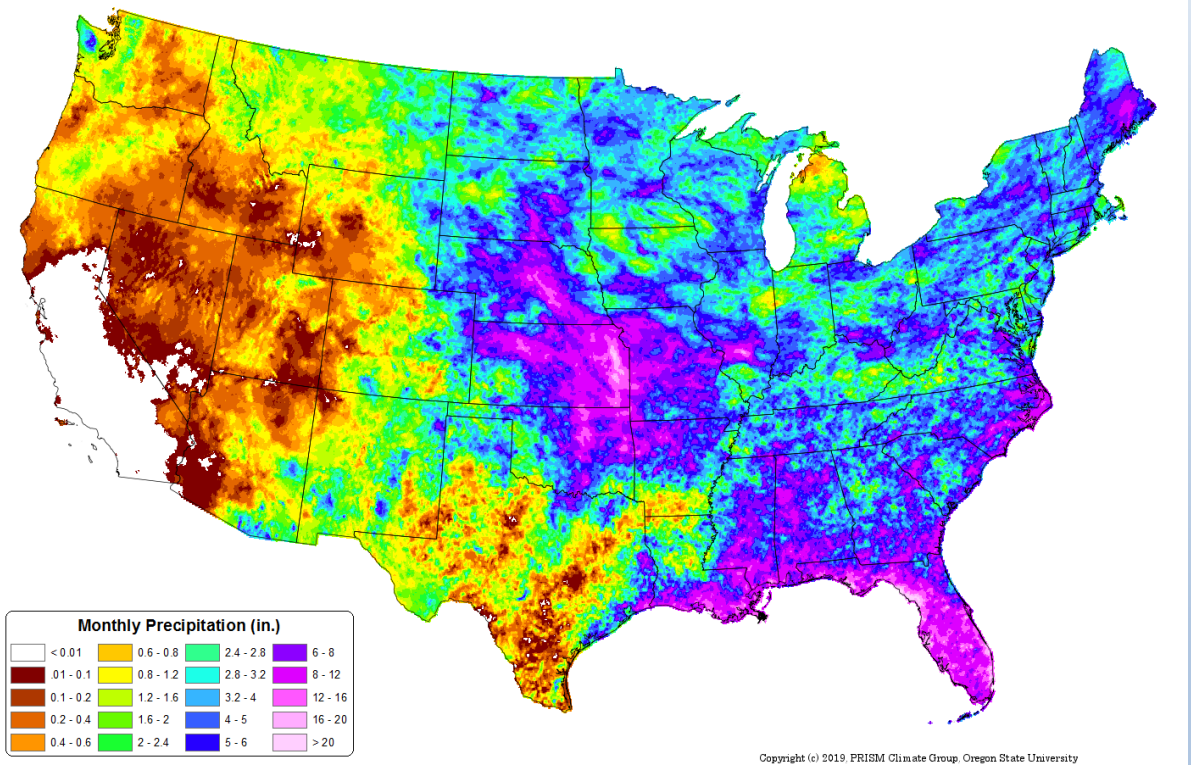
## State Precipitation

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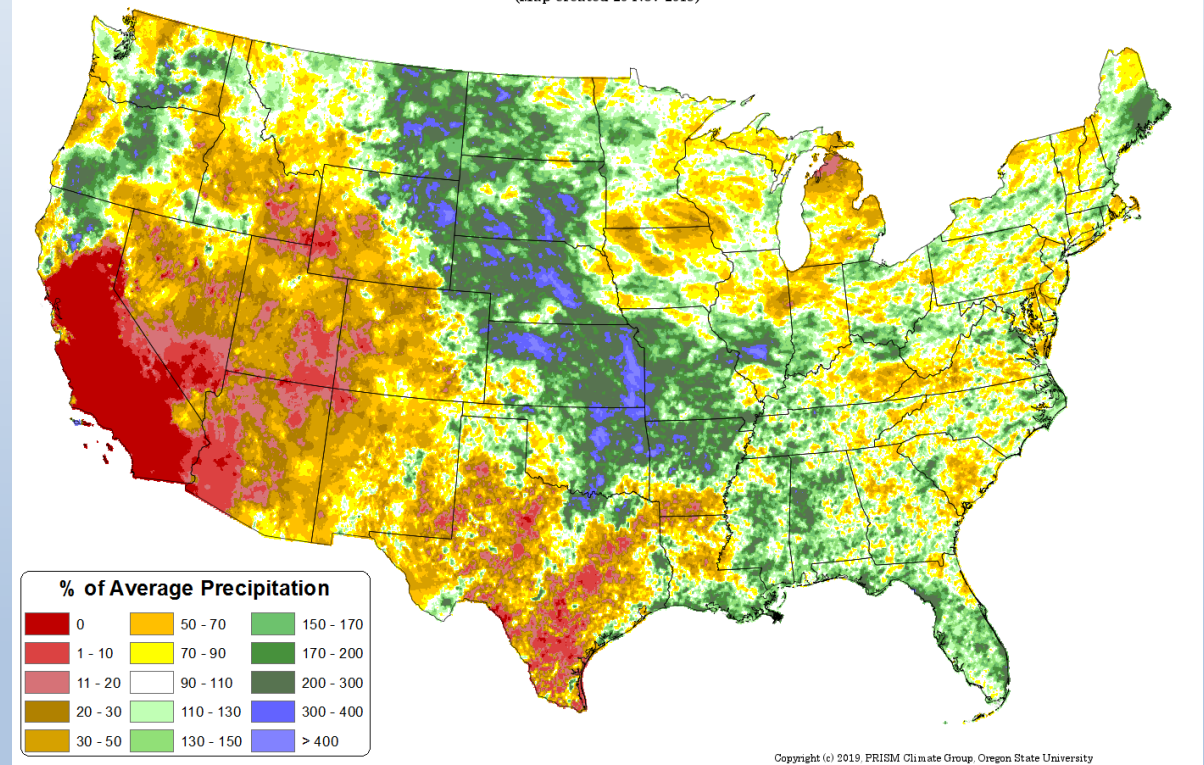
### Actual

**Total Precipitation: Aug 2019**  
Period ending 31 Aug 2019  
(Map created 20 Nov 2019)



### Anomaly

**Total Precipitation Anomaly: Aug 2019**  
Period ending 31 Aug 2019  
Base period: 1961-2010  
(Map created 20 Nov 2019)



# August 2019 Climate Summary

## Statewide Temperature & Precipitation Trends

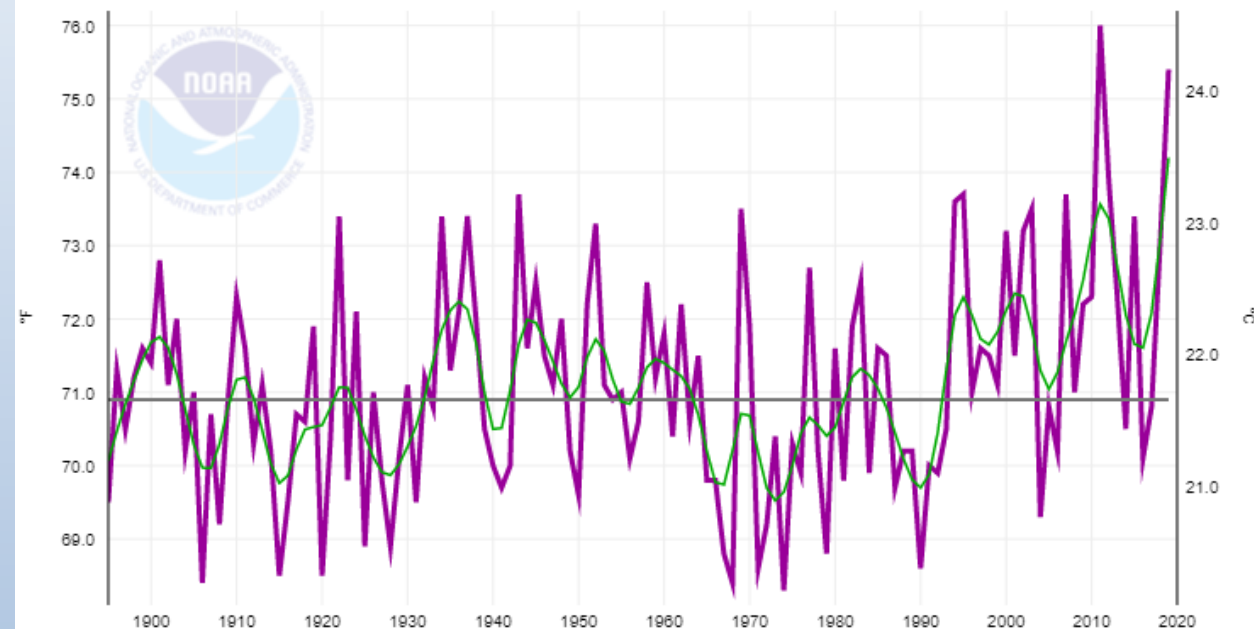
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### Temperature

New Mexico, Average Temperature, August

Avg Temperature 1901-2000 Mean: 70.9°F Binomial Filter

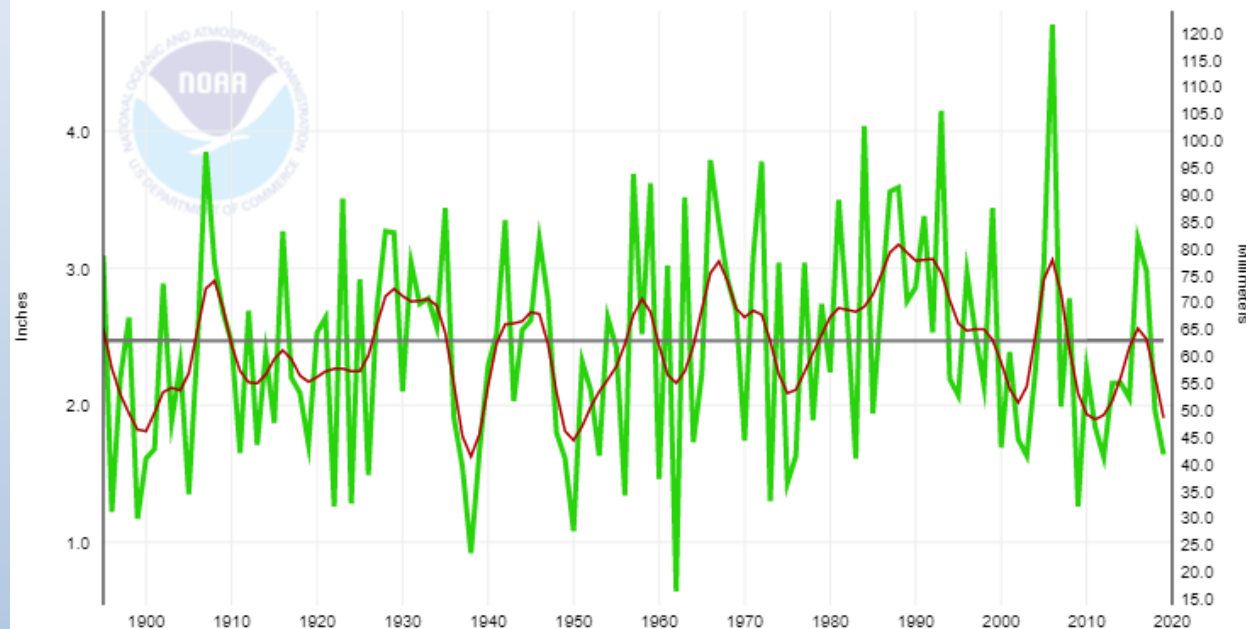


The average statewide temperature in August was 75.4° which was 4.5° above the normal of 70.9° (1901-2000). This is the 2<sup>nd</sup> warmest August on record for New Mexico.

### Precipitation

New Mexico, Precipitation, August

Precip 1901-2000 Mean: 2.47" Binomial Filter



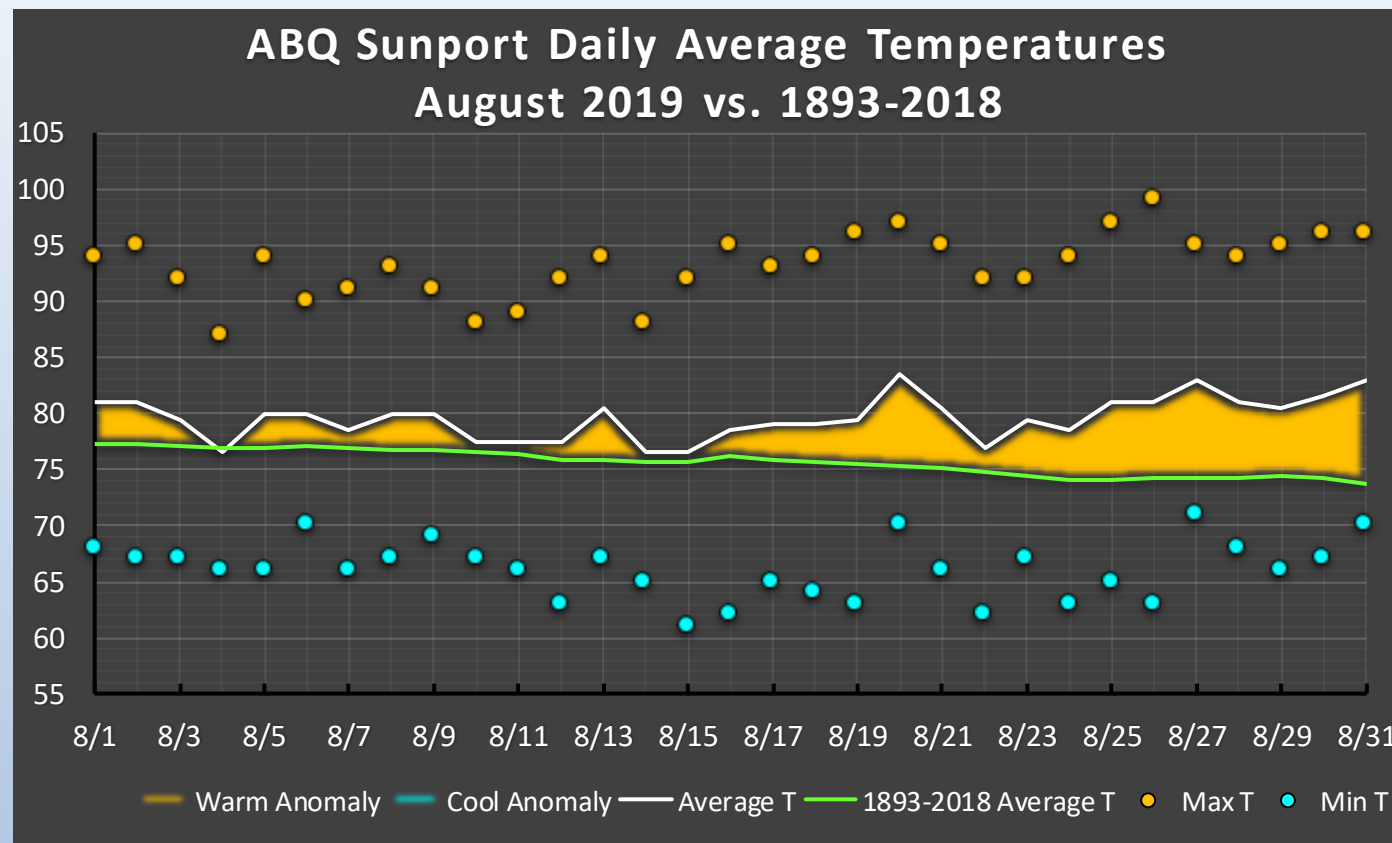
The average statewide precipitation was 1.64" which was 0.83" below the normal of 2.47" (1901-2000). This ranks as the 23<sup>rd</sup> driest August on record for New Mexico.

# August 2019 Climate Summary

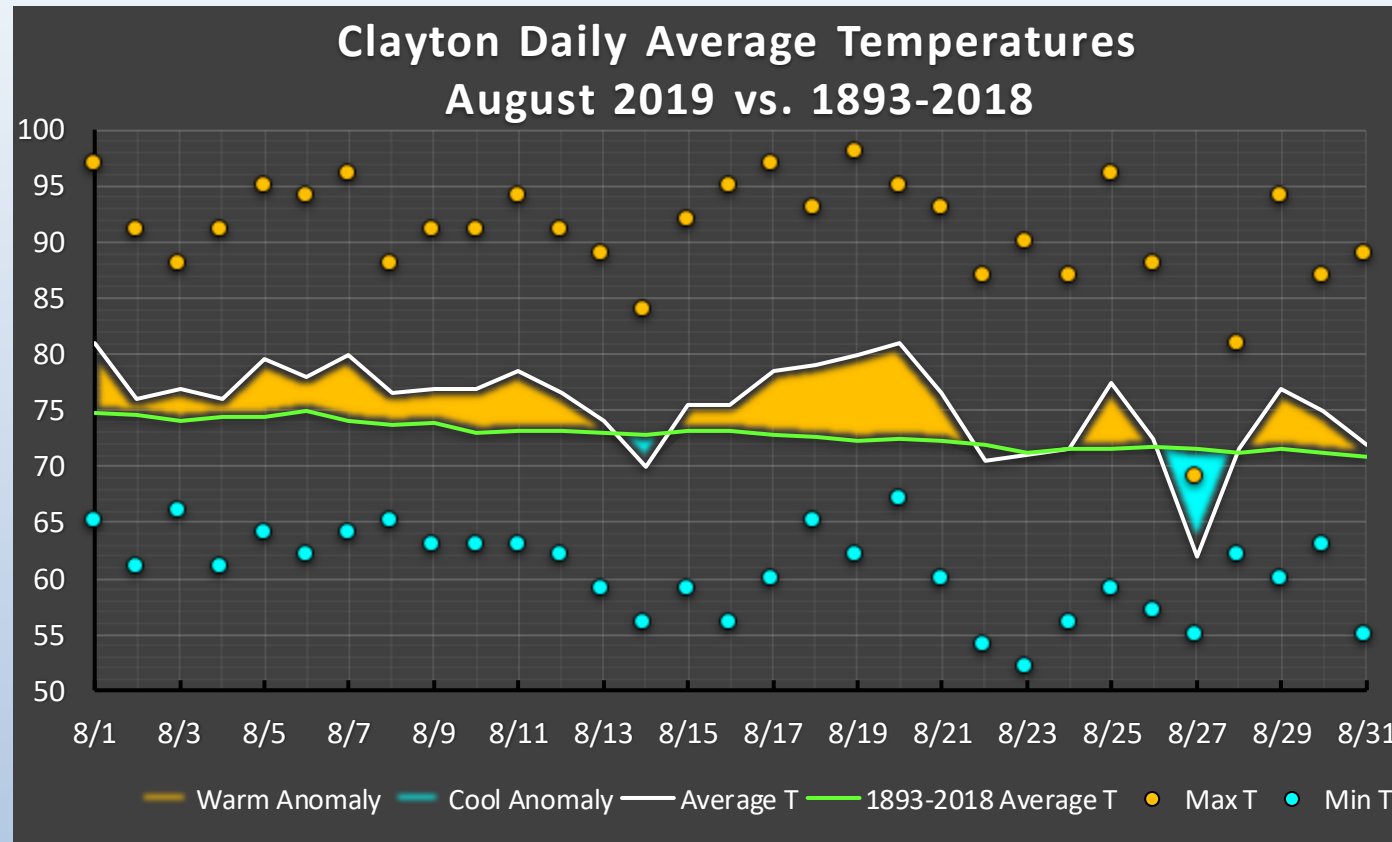
## Albuquerque Sunport Temperatures

Weather Forecast Office  
Albuquerque, NM

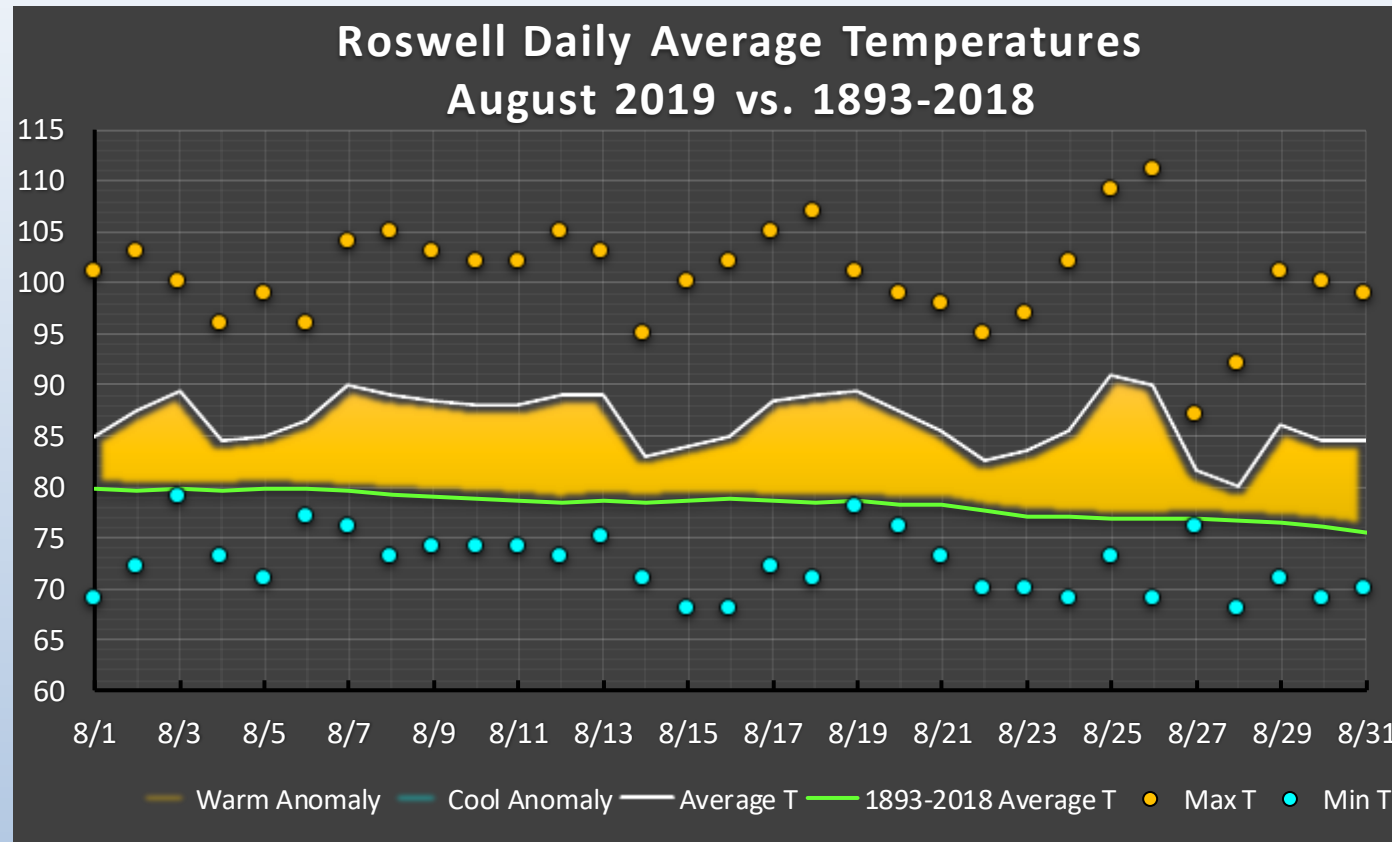
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The average temperature for Albuquerque was 79.6°, which was 3.4° above the normal of 76.2°. The average maximum temperature for the month was 93.2°. This was 6.0° above the normal average maximum temperature of 87.2°. The average minimum temperature for the month was 66.0°. This was 0.9° above the normal average minimum temperature of 65.1°. This ranks as the 3<sup>rd</sup> warmest August on record.



The average temperature for Clayton was 75.6°, which was 2.3° above the normal of 73.3°. The average maximum temperature for the month was 90.7°. This was 4.5° above the normal average maximum temperature of 86.2°. The average minimum temperature for the month was 60.5°. This was 0.2° above the normal average minimum temperature of 60.3°. This ranks as the 12<sup>th</sup> warmest August on record.



The average temperature for Roswell was 86.5°, which was 7.8° above the normal of 78.7°. The average maximum temperature for the month was 100.6°. This was 8.9° above the average maximum temperature of 91.7°. The average minimum temperature for the month was 72.3°. This was 6.5° above the normal average minimum temperature of 65.8°. This ranks as the warmest August on record.

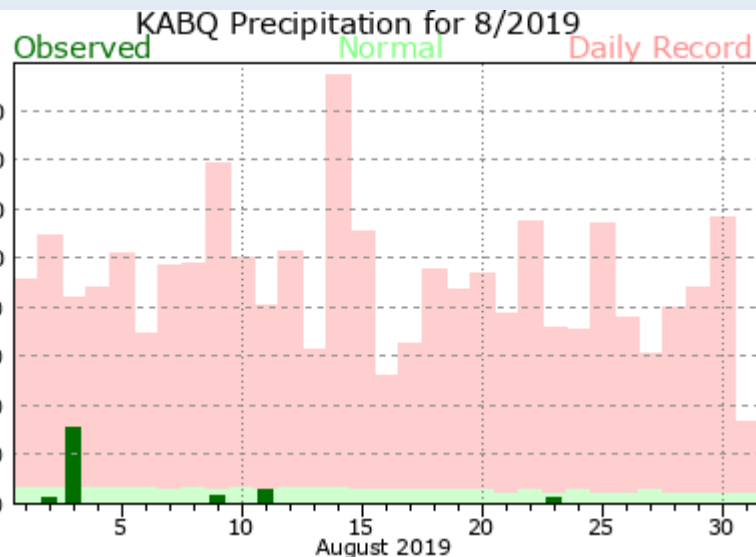
# August 2019 Climate Summary

## Precipitation – Climate Sites

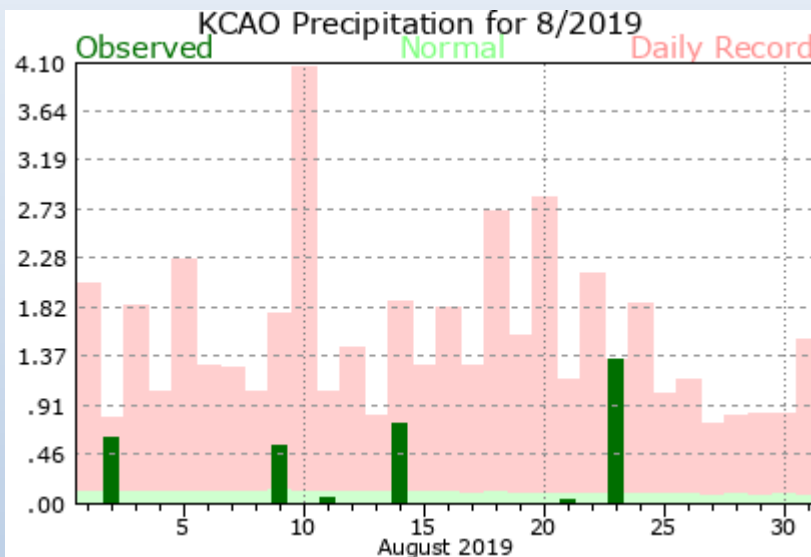
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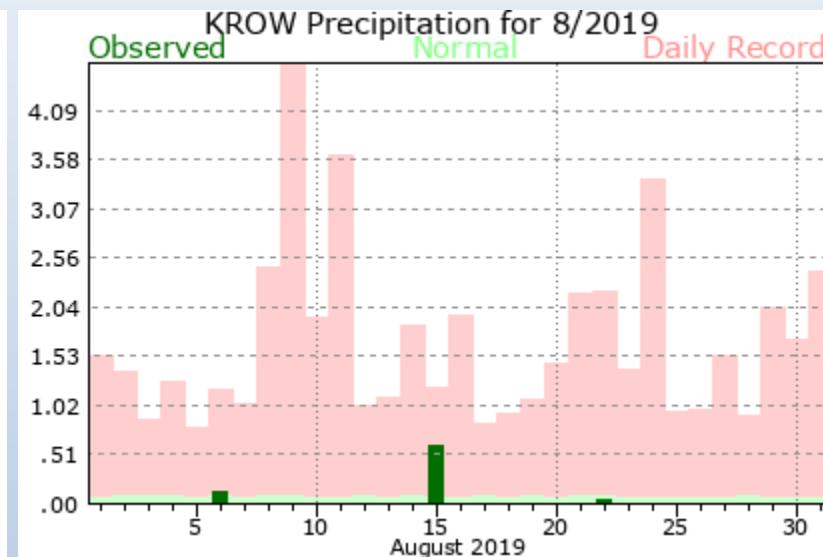
### Albuquerque Sunport



### Clayton



### Roswell



There was 0.43" of precipitation measured at the Sunport, compared to the normal of 1.58", or 1.15" below normal. This ranks as the 13<sup>th</sup> driest August on record (1893-2019).

There was 3.28" of precipitation measured at, compared to the normal of 2.94", or 0.34" above normal. This ranks as the 28<sup>th</sup> wettest August on record (1893-2019).

There was 0.75" of precipitation measured at, compared to the normal of 1.97", or 1.22" below normal. This ranks as the 31<sup>st</sup> driest August on record (1893-2019).



# August 2019 Climate Summary

Severe Weather\*

Weather Forecast Office  
Albuquerque, NM








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Event Type	Date	County	Magnitude	Type	Event Narrative
Tstorm Wind	8/2/19	Union	51 kt	Gust	Peak wind gust to 59 mph at the Clayton airport.
Tstorm Wind	8/2/19	Santa Fe	53 kt	Gust	Peak wind gust to 61 mph at Stanley.
Hail	8/3/19	Socorro	0.75"		Penny hail near Lemitar.
Flash Flood	8/3/19	Socorro			Water Canyon Road washed out.
Lightning	8/3/19	Sandoval			Four Hikers struck in the Jemez Mts. Two injured.
Flash Flood	8/5/19	Colfax			Eagle Creek & Hummingbird Ln in Ute Park washed out.
Hail	8/8/19	Union	1"		Quarter hail at Capulin Volcano Ntl Monument.
Hail	8/8/19	Union	1.25"		Half dollar hail in Capulin.
Hail	8/8/19	Harding	0.88"		Nickel hail near Rosebud.
Tstorm Wind	8/9/19	Curry	57 kt	Gust	Clovis airport peak wind gust to 66 mph.
Flash Flood	8/6/19	Santa Fe			Dirt roads washed out near Cerrillos. Galisteo Creek flooded.
Flash Flood	8/6/19	Sandoval			Tent Rocks Ntl Monument closed for two days due to wash outs.
Flash Flood	8/6/19	Sandoval			6th St NE and 5th Ave NE flooded in Rio Rancho.
Flash Flood	8/7/19	Colfax			U.S. Highway 64 at Turkey Creek flooded.
Flash Flood	8/8/19	Union			Capulin Volcano Natl Monument roads damaged.
Flash Flood	8/6/19	Sandoval			Forest service road washed out between Gilman and Porter.
Tstorm Wind	8/14/19	Quay	60 kt	Gust	Roof damage in Nara Visa.
Tstorm Wind	8/14/19	Quay	60 kt	Gust	Damage to homes several miles northwest of Nara Visa.
Flash Flood	8/14/19	Roosevelt			NMDOT closed NM-267 near Floyd.
Hail	8/22/19	Union	1"		Quarter hail at the Capulin Volcano Ntl Monument.
Tstorm Wind	8/23/19	Roosevelt	59 kt	Gust	Melrose Bombing Range peak wind gusts to 68 mph.
Hail	8/27/19	Sandoval	0.75"		Penny hail at Unser and Southern Boulevards.
Hail	8/27/19	Sandoval	1"		Quarter hail near Golf Course Road and Cabezon Boulevard.
Hail	8/27/19	Sandoval	0.75"		Penny hail at Wilpett Road and King Boulevard.
Flash Flood	8/27/19	Cibola			Reservation Road 54 near Sparrow Hawk Road.
Heavy Rain	8/28/19	Lincoln			3.48 inches of rainfall in less than one hour near Ruidoso.
Hail	8/28/19	Colfax	1"		Quarter hail in Abbott.

\*Storm reports are considered preliminary until a final review is certified in the NWS Storm Data publication. Certified data is available three to four months post-event at: <https://www.ncdc.noaa.gov/stormevents/>



-  NCEI Climatological Rankings: <https://www.ncdc.noaa.gov/cag/national/rankings>
-  PRISM Climate Data: <http://www.prism.oregonstate.edu/>
-  NWS Local Climate Pages: <https://w2.weather.gov/climate/index.php?wfo=abq>
-  NCEI Storm Data: <https://www.ncdc.noaa.gov/stormevents/>
-  Questions?: [sr-abq.webmaster@noaa.gov](mailto:sr-abq.webmaster@noaa.gov)
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