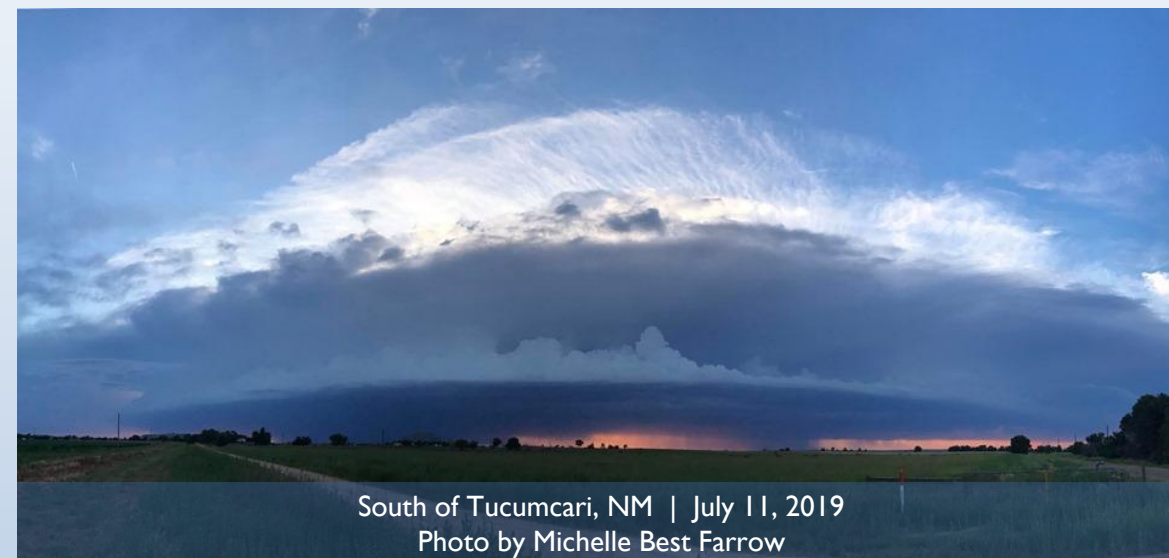




Synopsis

July 2019 was relatively quiet as fits and starts of monsoon moisture provided spotty thunderstorm coverage over New Mexico. Showers and thunderstorms produced the greatest coverage of rainfall mainly over the eastern plains while central and western New Mexico experienced more hit or miss activity. The Four Corners region remained very dry throughout the month. Temperatures were hot across much of the area with statewide average temperatures above normal. Roswell reached 100° or higher on 17 days in July 2019, of which 7 days were at or above 105°. Severe weather was limited in July with only a handful of large hail, high wind, and flash flood events reported.



Cuervo, NM | July 8, 2019
Photo by Timothy Baca



Near Cerrillos, NM | July 26, 2019
Photo by Mark Rowley



July 2019 Climate Summary

State Temperatures

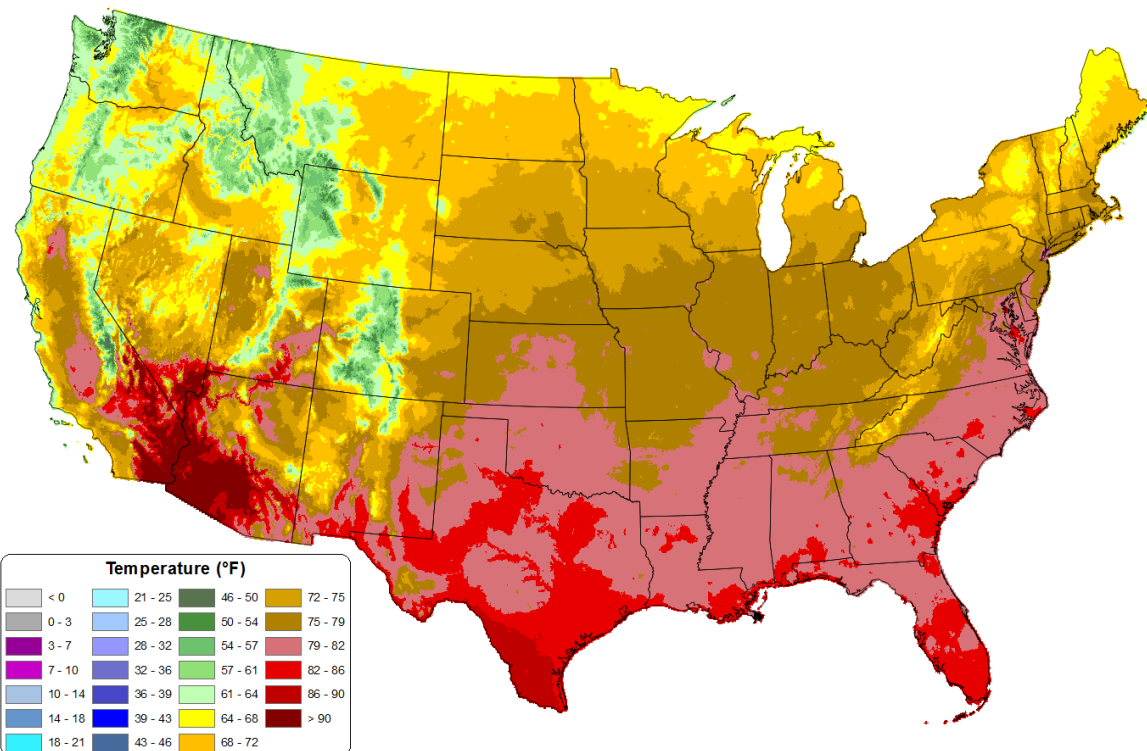
Weather Forecast Office
Albuquerque, NM
Issued December 23, 2019 7:28 PM MDT



Actual

Average Daily Mean Temperature: Jul 2019

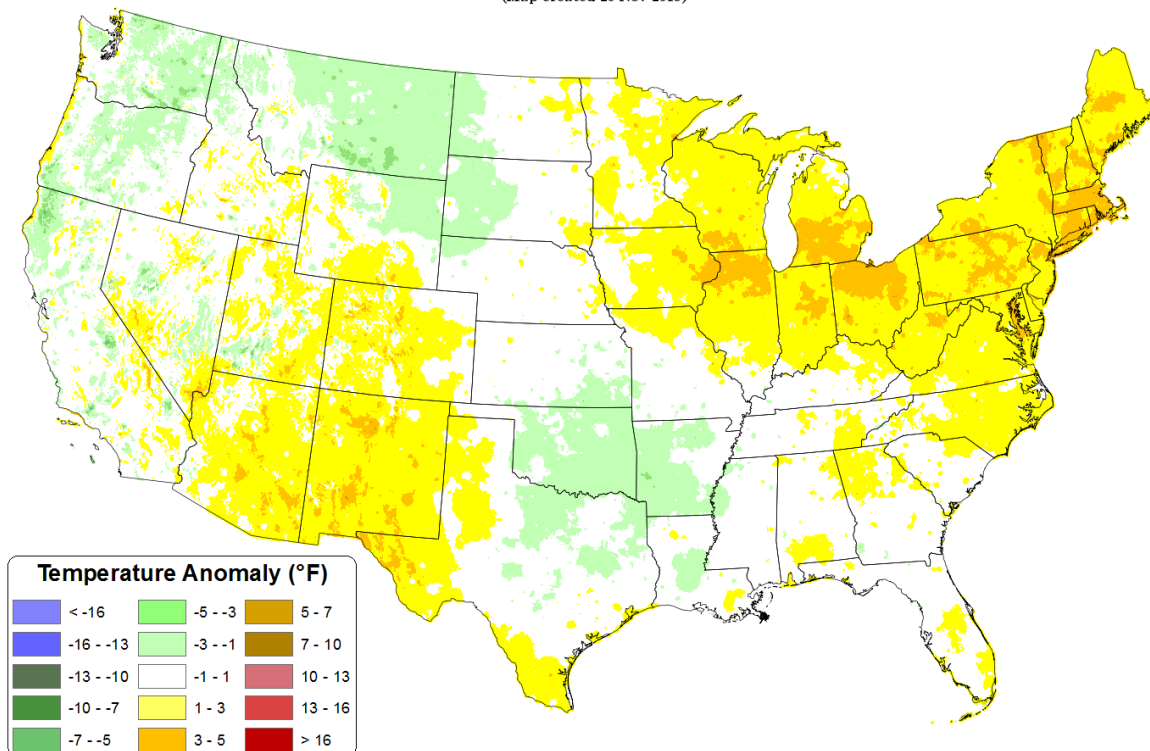
Period ending 7 AM EST 31 Jul 2019
(Map created 27 Aug 2019)



Anomaly

Daily Mean Temperature Anomaly: Jul 2019

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



July 2019 Climate Summary

State Precipitation

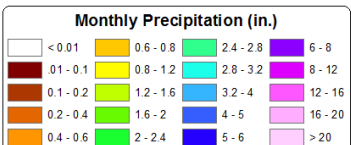
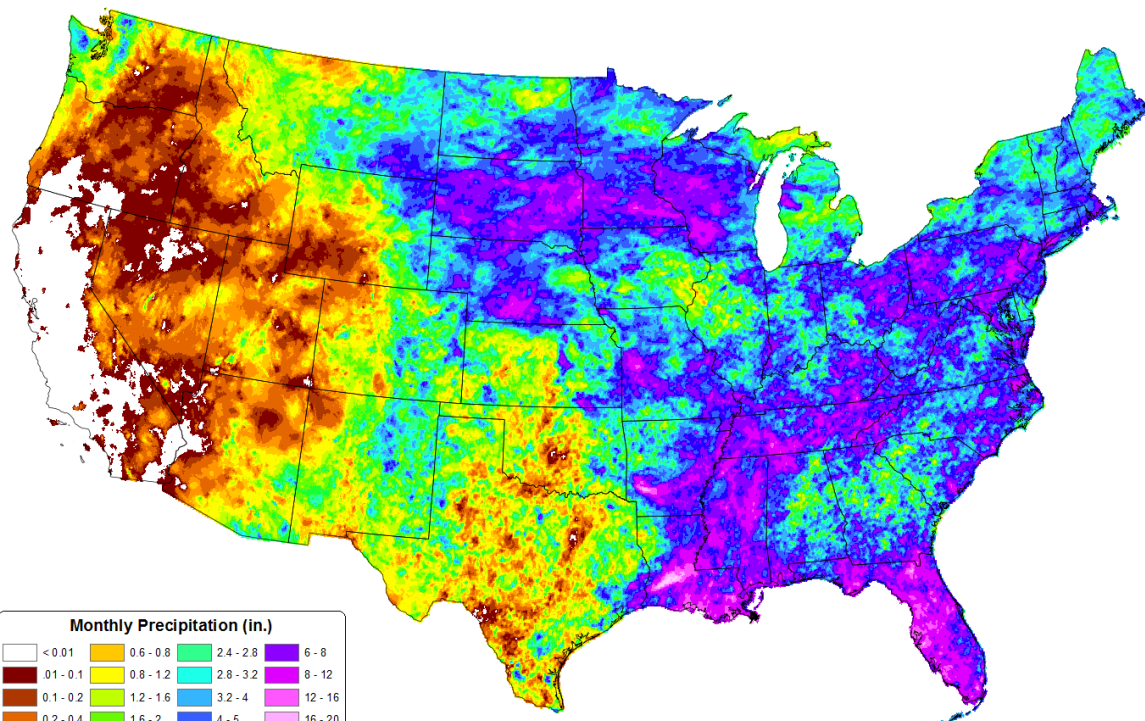
Weather Forecast Office
Albuquerque, NM
Issued December 23, 2019 7:28 PM MDT



Actual

Total Precipitation: Jul 2019

Period ending 31 Jul 2019
(Map created 27 Aug 2019)

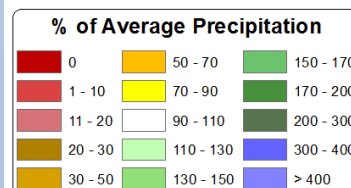
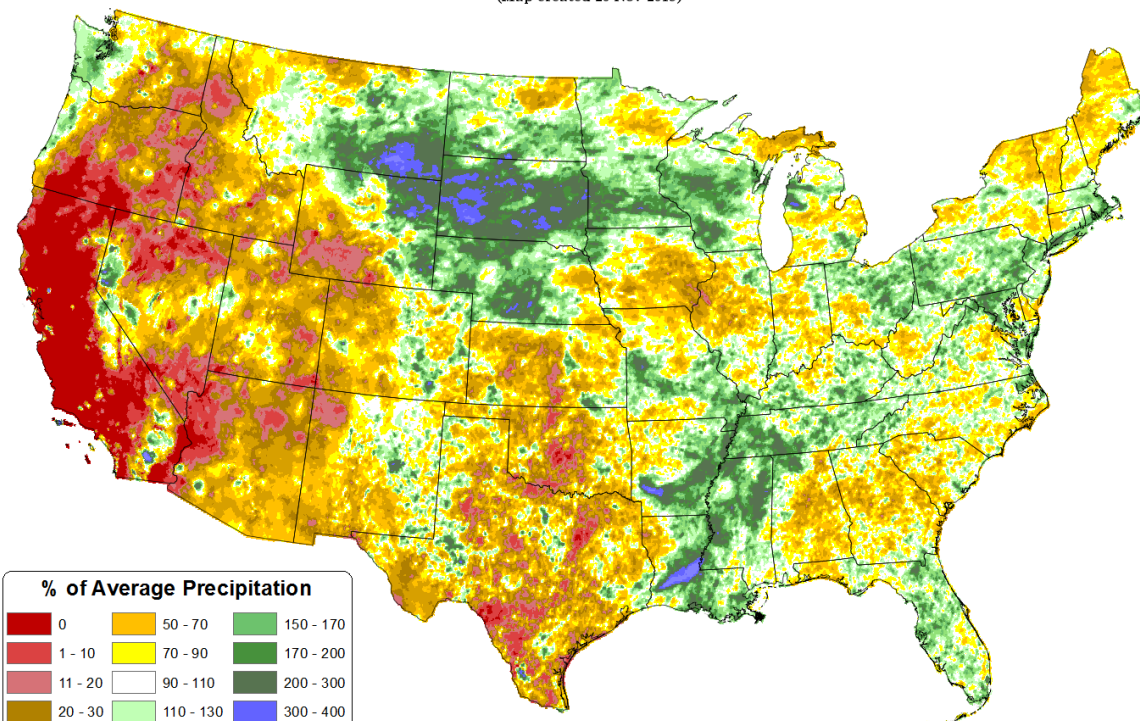


Copyright (c) 2019, FRISM Climate Group, Oregon State University

Anomaly

Total Precipitation Anomaly: Jul 2019

Period ending 31 Jul 2019
Base period: 1981-2010
(Map created 20 Nov 2019)



Copyright (c) 2019, FRISM Climate Group, Oregon State University

July 2019 Climate Summary

Statewide Temperature & Precipitation Trends

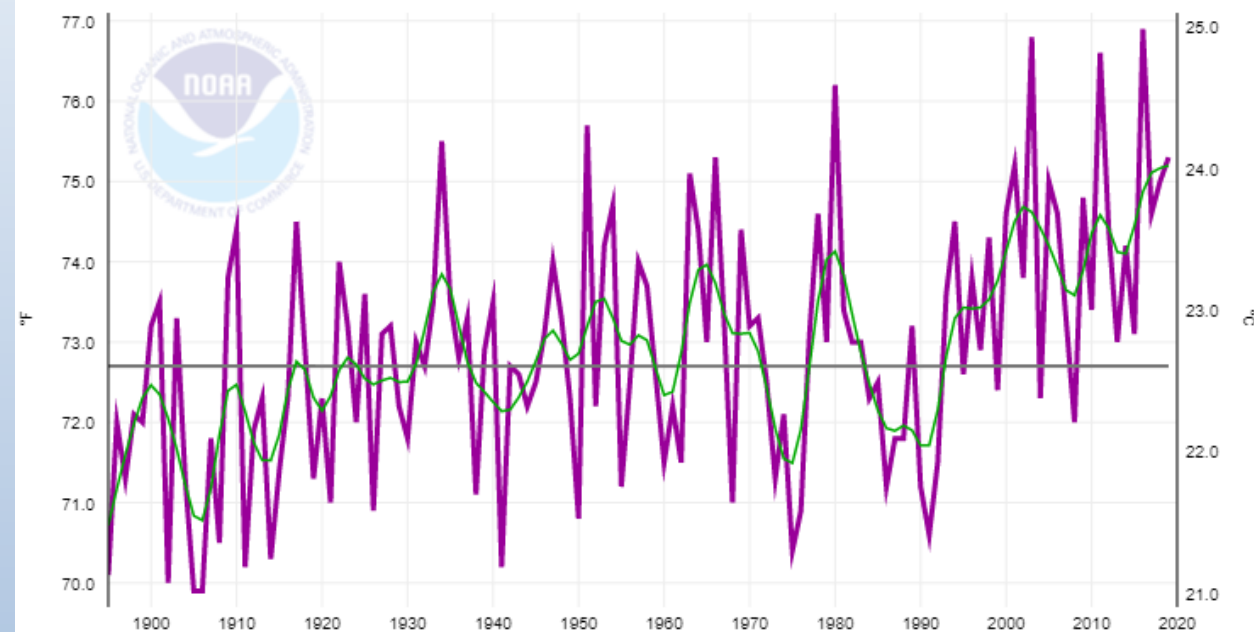
Weather Forecast Office
Albuquerque, NM
Issued December 23, 2019 7:28 PM MDT



Temperature

New Mexico, Average Temperature, July

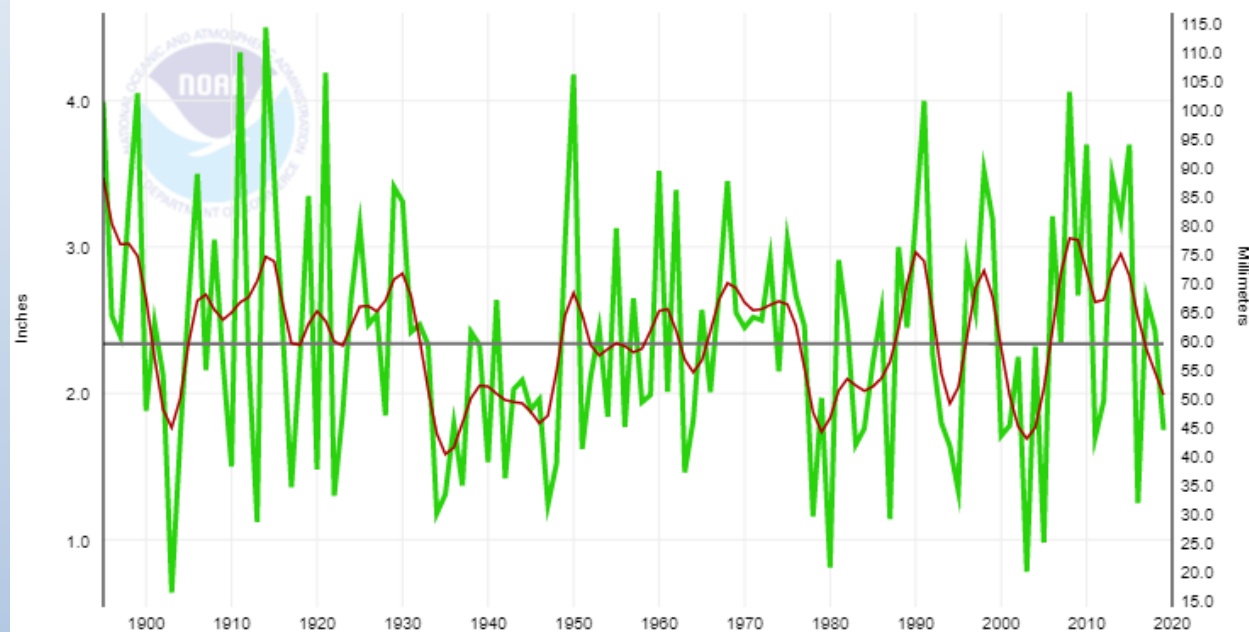
Avg Temperature 1901-2000 Mean: 72.7°F Binomial Filter



Precipitation

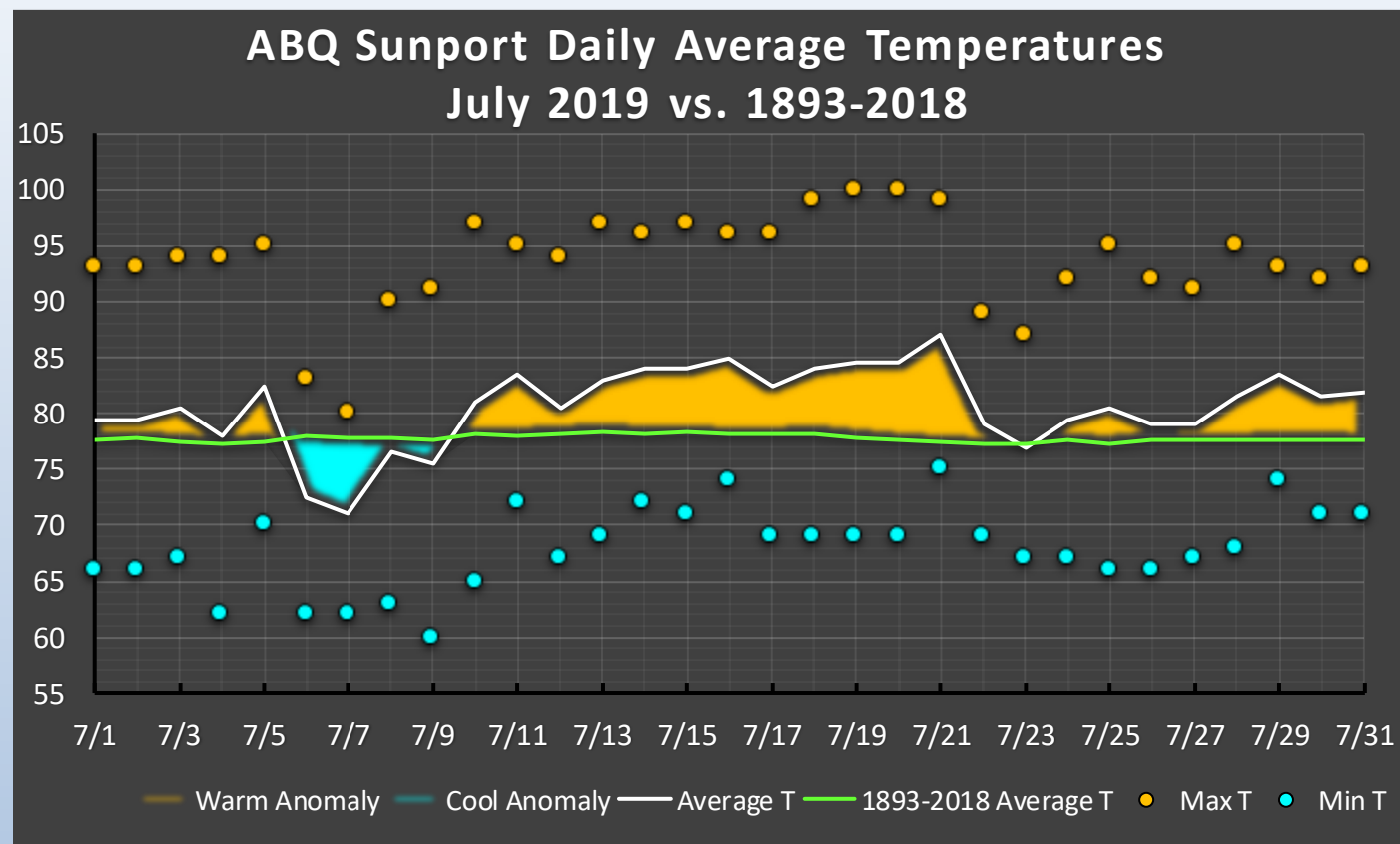
New Mexico, Precipitation, July

Precip 1901-2000 Mean: 2.34" Binomial Filter

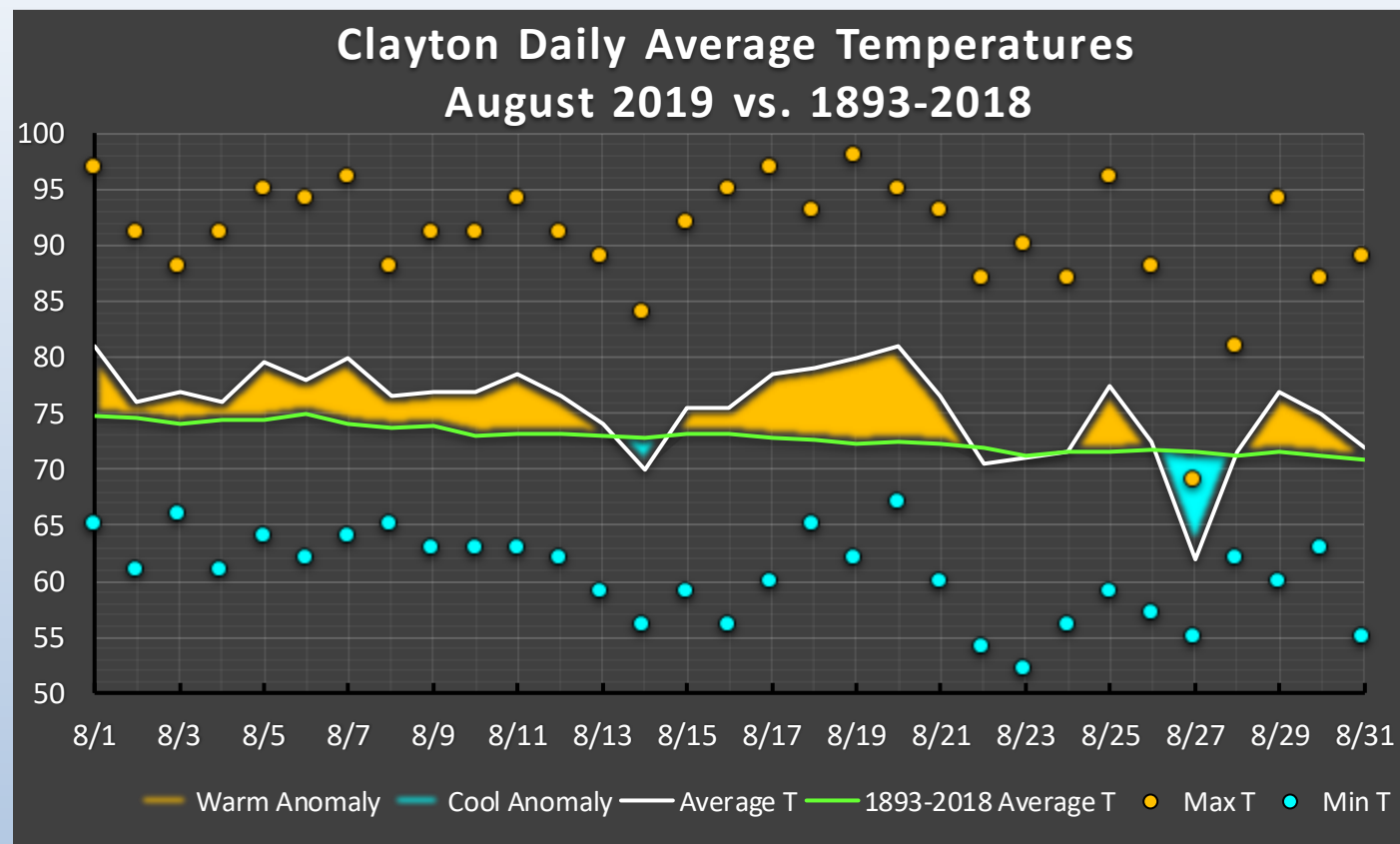


The average statewide temperature was 75.3° which was 2.6° above the normal of 72.7° (1901-2000). This is the 7th warmest July on record for New Mexico.

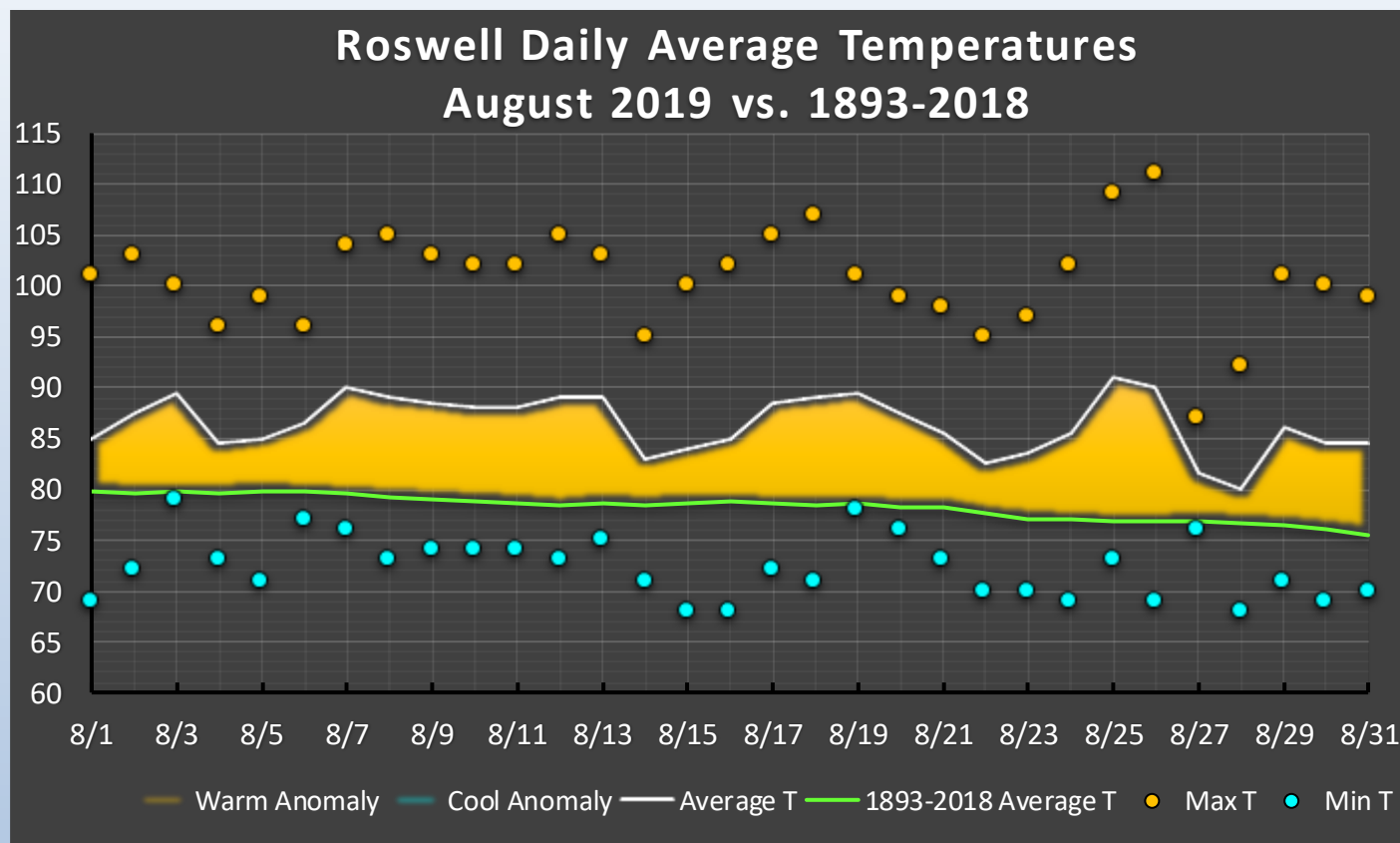
The average statewide precipitation was 1.75" which was 0.59" below the normal of 2.34" (1901-2000). This ranks as the 28th driest July on record for New Mexico.



The average temperature for Albuquerque in July 2019 was 80.7°, which was 2.4° above the normal of 78.3°. The average maximum temperature for the month was 93.5°. This was 3.4° above the normal average maximum temperature of 90.1°. The average minimum temperature for the month was 67.9°. This was 1.5° above the normal average minimum temperature of 66.4°. This ranks as the 11th warmest July on record (1893-2019).



The average temperature for Clayton in July 2019 was 76.8°, which was 2.1° above the normal of 74.7°. The average maximum temperature for the month was 92.2°. This was 3.6° above the normal average maximum temperature of 88.6°. The average minimum temperature for the month was 61.4°. This was 0.6° above the normal average minimum temperature of 60.8°. This ranks as the 13th warmest July on record (1893-2019).



The average temperature for Roswell for July 2019 was 85.0°, which was 4.7° above the normal of 80.3°. The average maximum temperature for the month was 99.8°. This was 6.1° above the average maximum temperature of 93.7°. The average minimum temperature for the month was 70.1°. This was 3.1° above the normal average minimum temperature of 67.0°. This ranks as the 3rd warmest July on record (1893-2019).

July 2019 Climate Summary

Precipitation

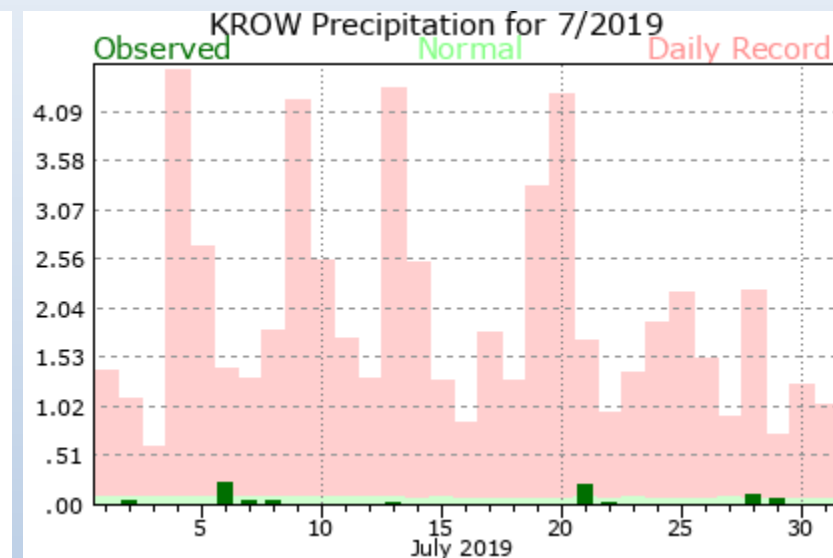
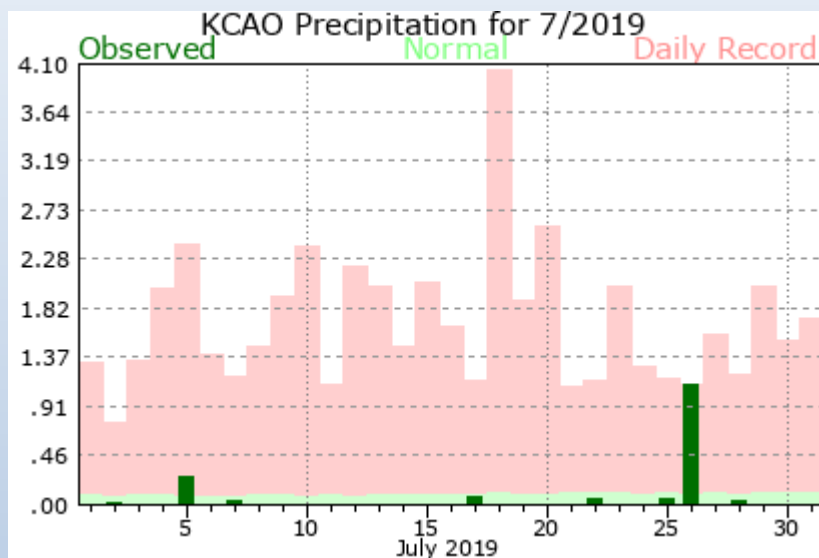
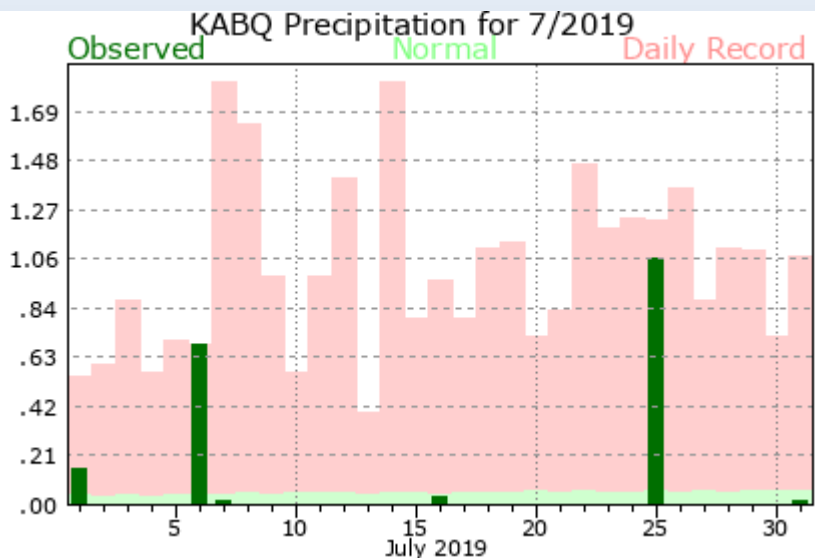
Weather Forecast Office
Albuquerque, NM
Issued December 23, 2019 7:28 PM MDT



Albuquerque Sunport

Clayton

Roswell



There was 1.95" of precipitation measured at the Sunport in July 2019, compared to the normal of 1.50", or 0.45" above normal. This ranks as the 38th wettest July on record (1893-2019).

There was 1.57" of precipitation measured at Clayton in July 2019, compared to the normal of 2.66", or 1.09" below normal. This ranks as the 37th driest July on record (1893-2019).

There was 0.73" of precipitation measured at Roswell in July 2019, compared to the normal of 2.10", or 1.33" below normal. This ranks as the 30th driest July on record (1893-2019).

July 2019 Climate Summary

Severe Weather*








Weather Forecast Office
Albuquerque, NM
Issued December 23, 2019 7:28 PM MDT



Event Type	Date	Location	Magnitude	Type	Event Narrative
High Wind	7/1/19	NW Plateau	52 kt	Gust	The Farmington airport reported a peak wind gust to 60 mph.
Tornado	7/5/19	Union	EF-0		Weak tornado several miles southwest of Mount Dora.
Hail	7/5/19	Union	1.75"		Golf ball hail reported several miles southwest of Mount Dora.
Hail	7/5/19	Union	1.75"		Hail up to the size of golf balls reported near Moses.
Lightning	7/6/19	Curry			Lightning struck the Wheatfield retirement home around 530 am.
Hail	7/10/19	Harding	0.88"		Nickel size hail fell a few miles north of Rosebud.
Tstorm Wind	7/12/19	Bernalillo	51 kt	Gust	The Albuquerque Sunport reported a peak wind gust up to 59 mph.
Tstorm Wind	7/19/19	Curry	51 kt	Gust	Cannon AFB reported a peak wind gust up to 59 mph.
Tstorm Wind	7/19/19	Curry	56 kt	Gust	The Clovis airport reported a peak wind gust up to 64 mph.
Flash Flood	7/22/19	Union			NM-402 around Amistad. One vehicle was washed off the roadway.
Heavy Rain	7/22/19	Union			3.75" of rainfall in just a couple hours several miles south of Amistad.
Heavy Rain	7/22/19	Harding			3.34" of rainfall from storms overnight.
Flash Flood	7/22/19	Sandoval			Rio Puerco near Cabezon rose 14 feet in less than one hour.
Hail	7/24/19	Rio Arriba	0.88"		Local news relayed report near Coyote of nickel size hail on Twitter.
Flash Flood	7/25/19	McKinley			NM-412 south of Prewitt to Bluewater Lake closed due to flood waters.
Flash Flood	7/25/19	Santa Fe			NM-502 closed due to water, mud, and rocks flowing over the road.
Flash Flood	7/28/19	Colfax			Flash flooding on U.S. 64 between Cimarron and Ute Park.
Flash Flood	7/31/19	Colfax			Large rocks, mud, and debris flooded Saw Mill Canyon in Ute Park.

*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
-  NWS Albuquerque Facebook
-  @NWSAlbuquerque & #nmwx