

August 2020 Climate Summary

Overview

Weather Forecast Office
Albuquerque, NM
Issued September 3, 2020 9:37 AM MDT



Synopsis

August 2020 was much warmer and drier than normal!

It was an quiet August across New Mexico with little in the way of severe weather and flash flooding. There were only four reports of large hail, 2.00 inches in Buena vista and 1.00 inch hail near Portales, Santa Fe and Sedillo. There was a flash flood in Lincoln County near Bonito Lake on the 5th, and in Union County on the 29th near Moses. Otherwise, there were a fair number of reports of thunderstorm and non-thunderstorm high wind and damaging wind events. August will be one of the warmest and driest August's on record for the state.



Near Sandia Knolls, NM | August 31, 2020
Photo courtesy of Kerry Jones



Crop Damage near Floyd, NM | August 22, 2020
Photo courtesy of Kevin Breshears



Albuquerque Sunport | August 30, 2020
NWS Albuquerque



Near Ventana Ranch, Albuquerque, NM | August 15, 2020
Photo courtesy of Scott Overpeck

August 2020 Climate Summary

State Temperatures

Weather Forecast Office
Albuquerque, NM

Issued September 3, 2020 9:38 AM MDT

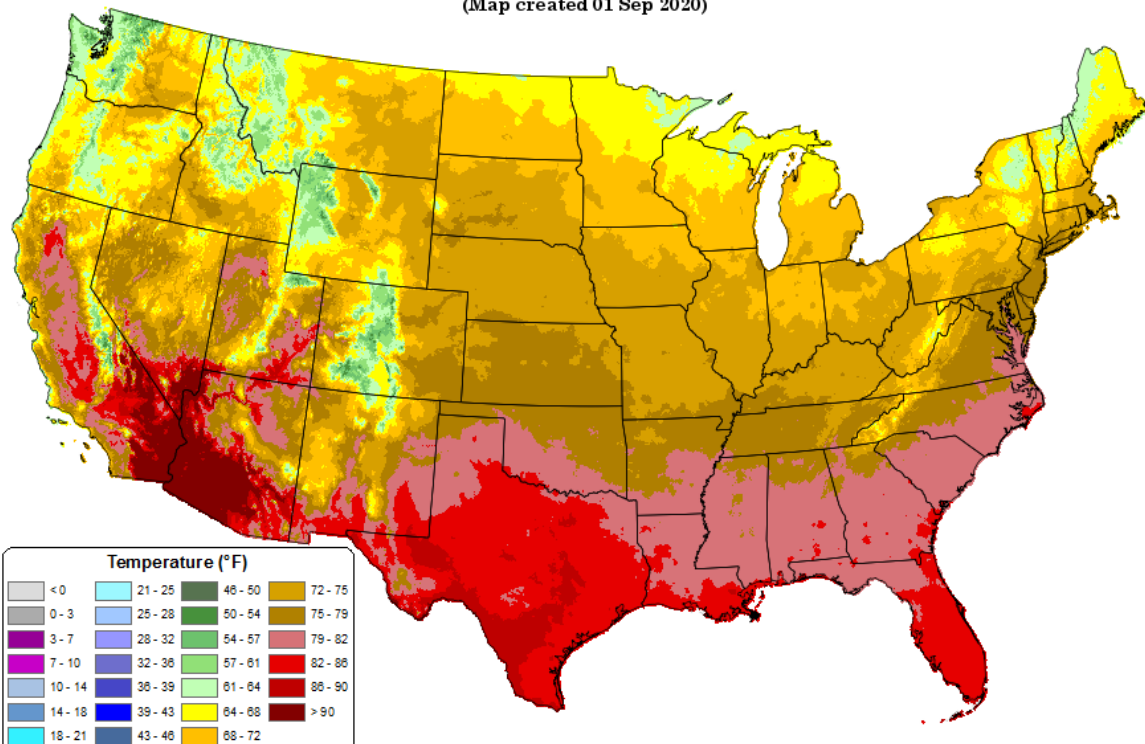


Actual

Average Daily Mean Temperature: 01 Aug 2020 - 31 Aug 2020

Period ending 7 AM EST 31 Aug 2020

(Map created 01 Sep 2020)



Copyright (c) 2020, PRISM Climate Group, Oregon State University

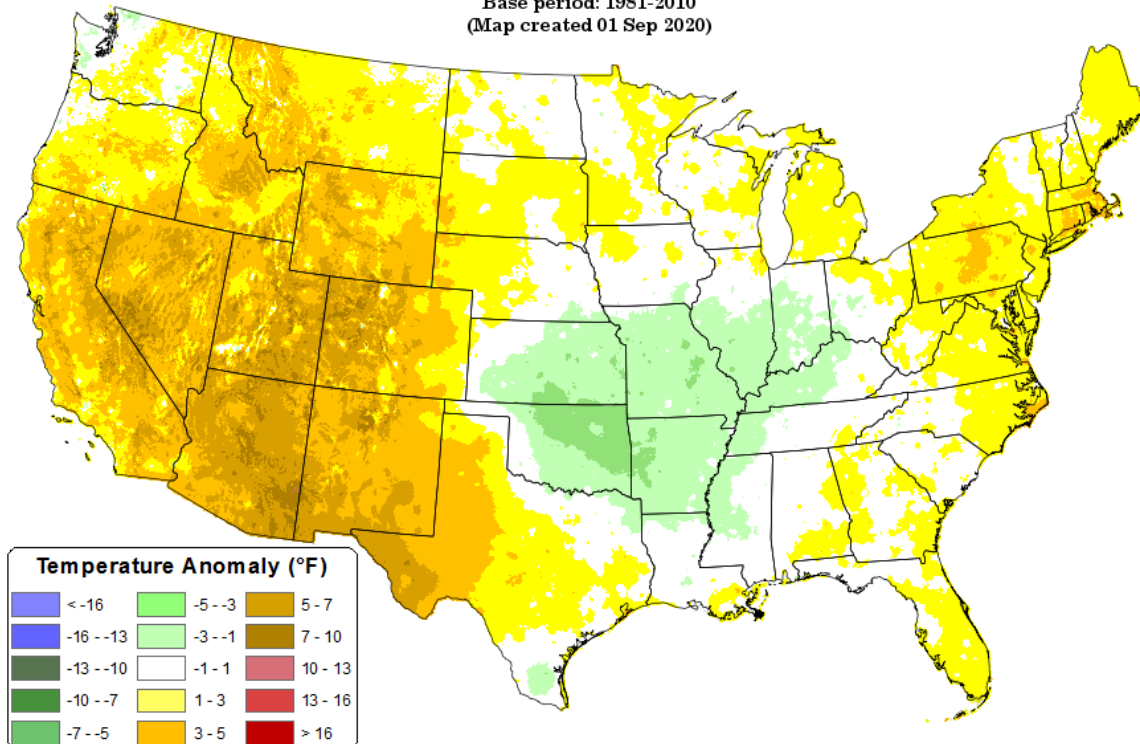
Anomaly

Daily Mean Temperature Anomaly: 01 Aug 2020 - 31 Aug 2020

Period ending 7 AM EST 31 Aug 2020

Base period: 1981-2010

(Map created 01 Sep 2020)



Copyright (c) 2020, PRISM Climate Group, Oregon State University

August 2020 Climate Summary

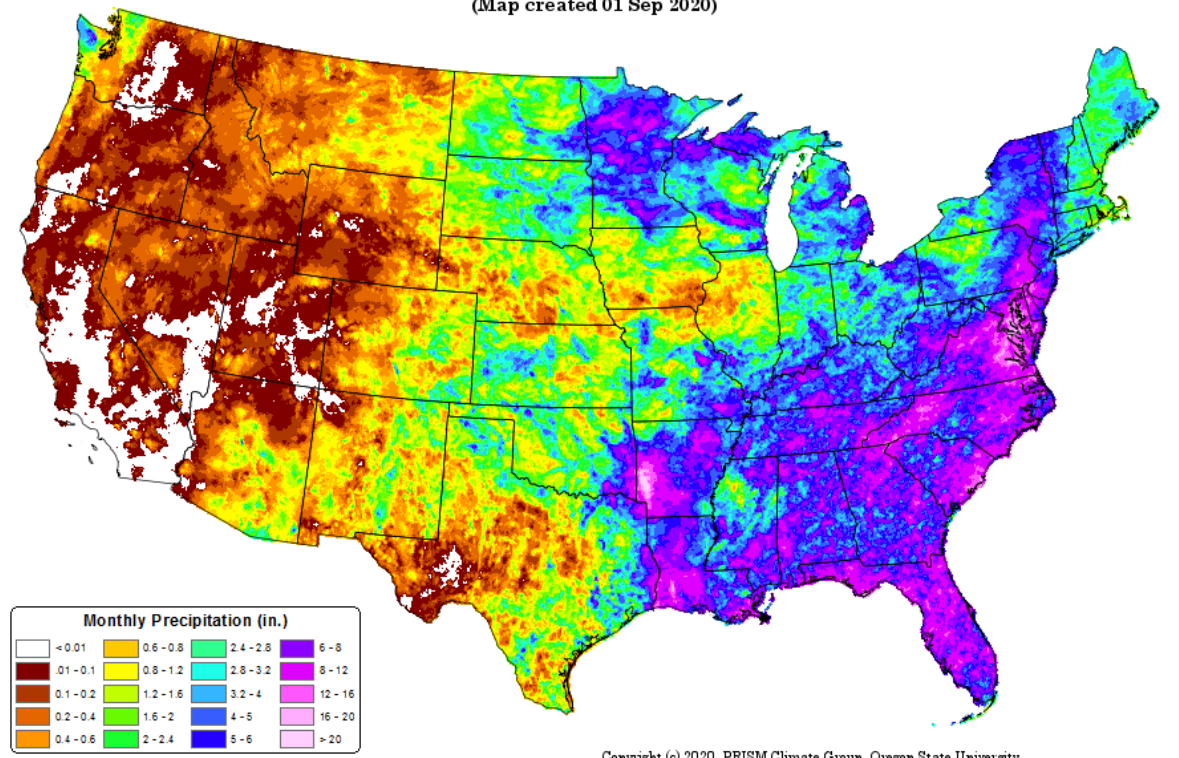
State Precipitation

Weather Forecast Office
Albuquerque, NM
Issued September 3, 2020 9:38 AM MDT



Actual

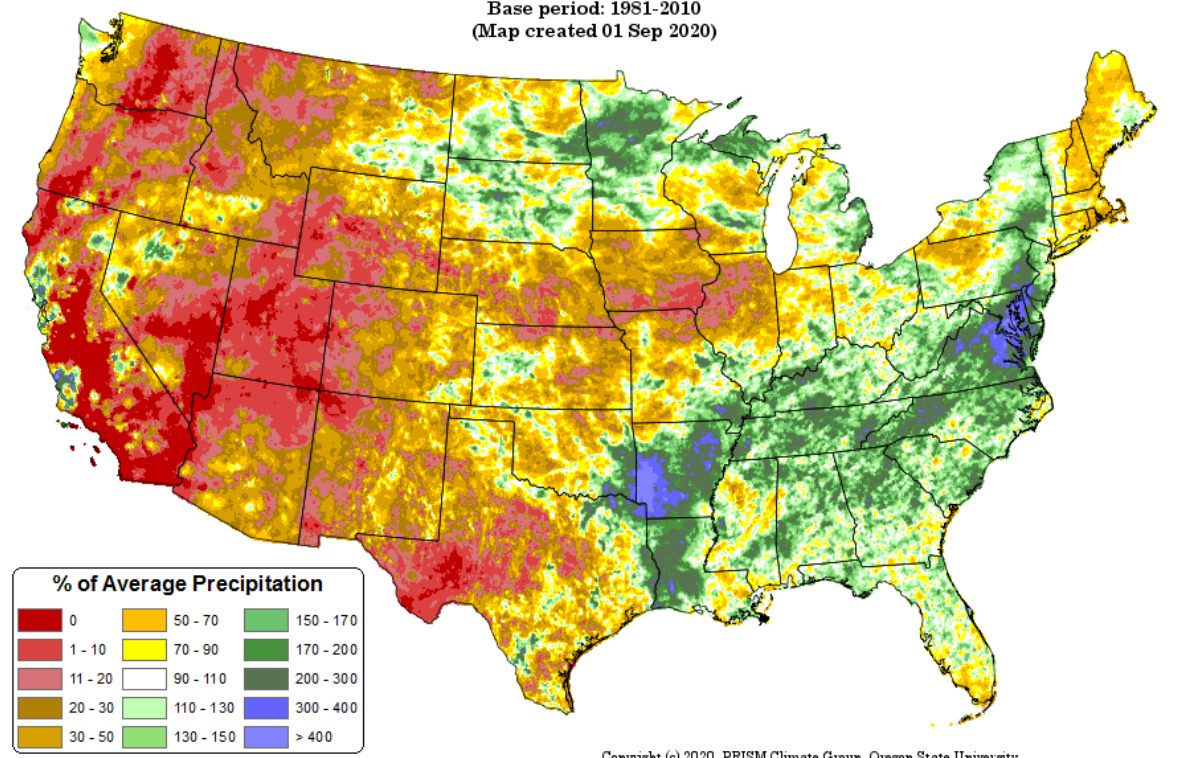
Total Precipitation: 01 Aug 2020 - 31 Aug 2020
Period ending 7 AM EST 31 Aug 2020
(Map created 01 Sep 2020)



Copyright (c) 2020, PRISM Climate Group, Oregon State University

Anomaly

Total Precipitation Anomaly: 01 Aug 2020 - 31 Aug 2020
Period ending 7 AM EST 31 Aug 2020
Base period: 1981-2010
(Map created 01 Sep 2020)



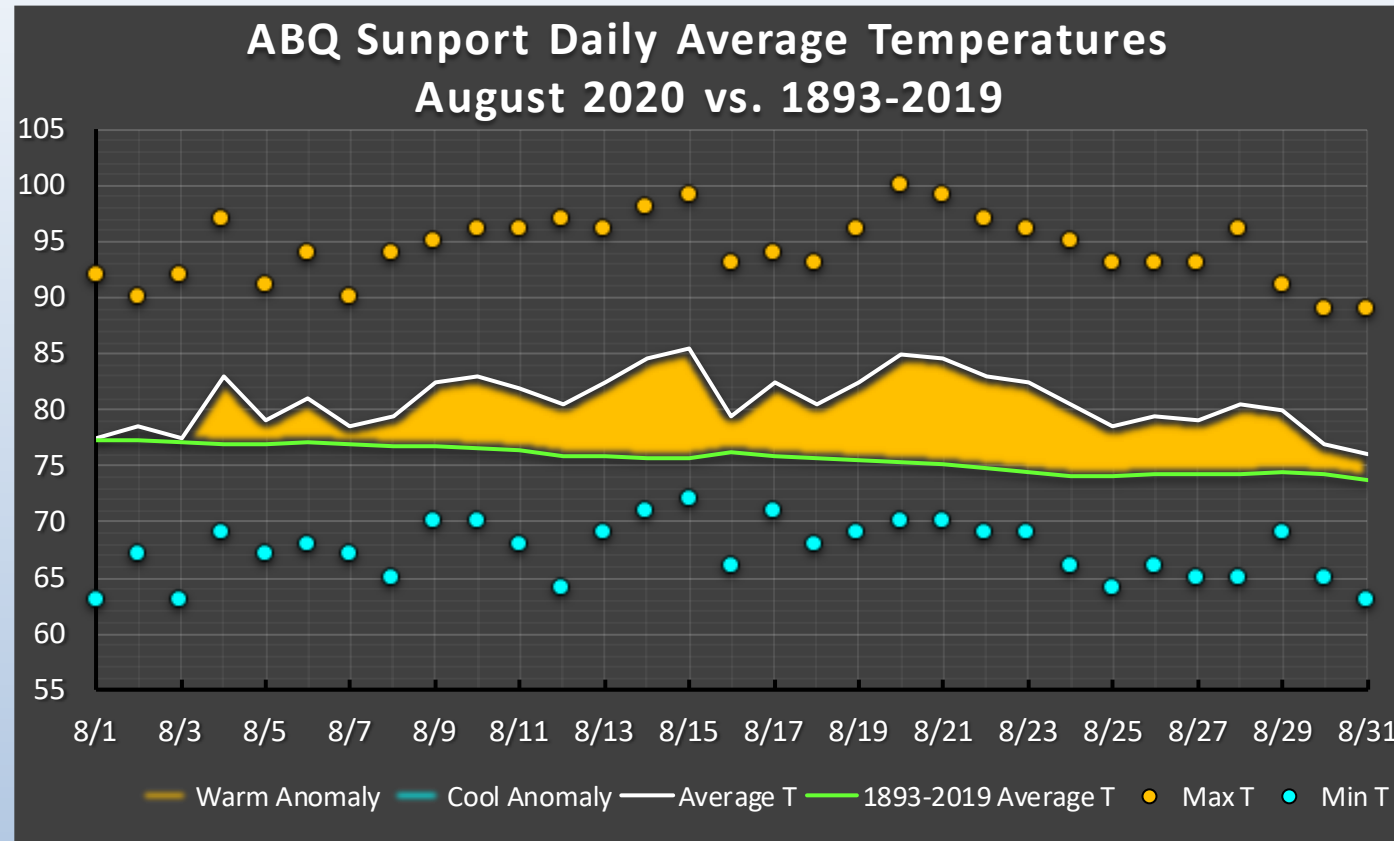
Copyright (c) 2020, PRISM Climate Group, Oregon State University

August 2020 Climate Summary

Albuquerque Sunport Temperatures

Weather Forecast Office
Albuquerque, NM

Issued September 3, 2020 9:37 AM MDT



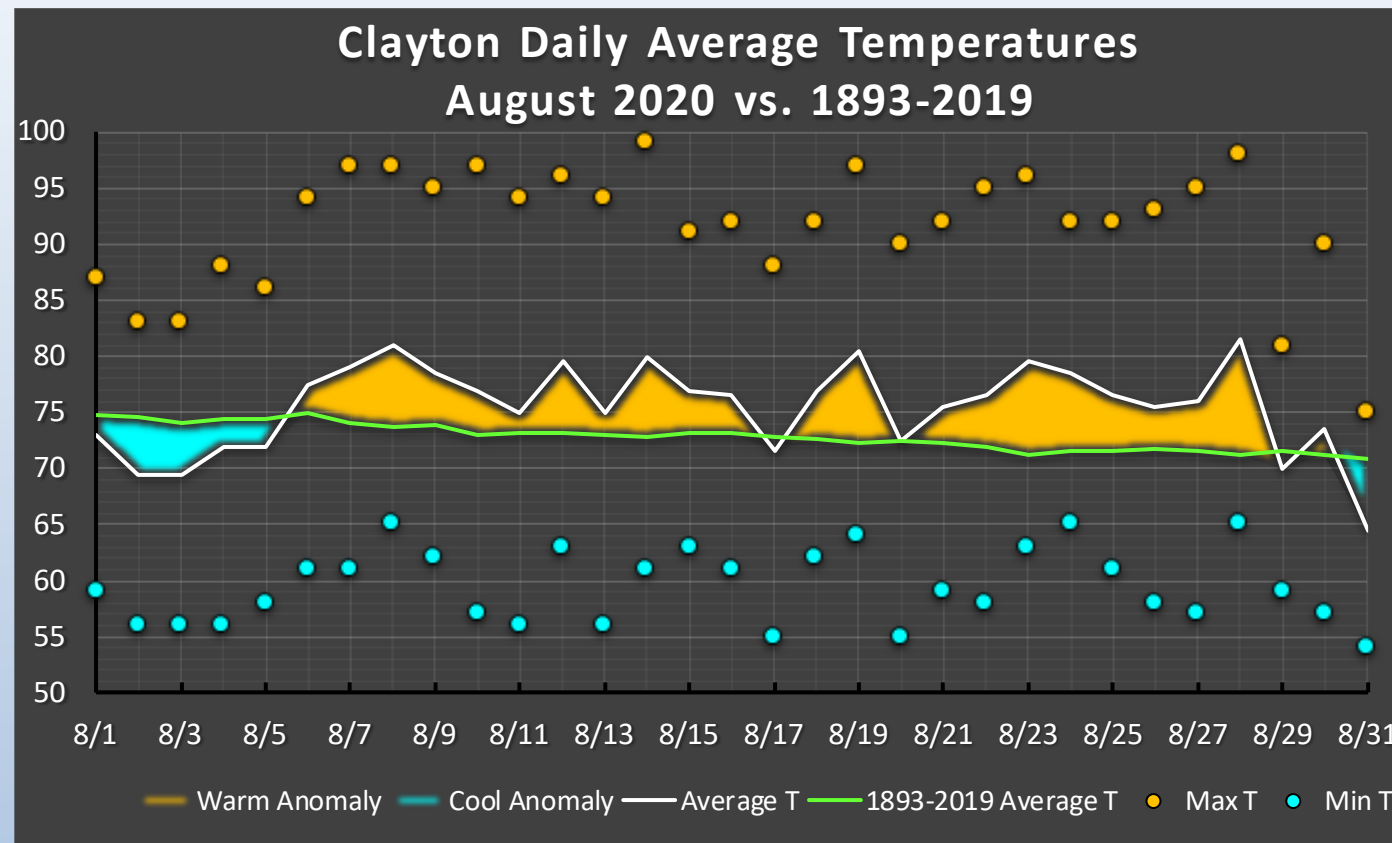
The average temperature for Albuquerque was 80.8°, which was 4.6° above the normal of 76.2°. The average maximum temperature for the month was 94.3°. This was 7.1° above the normal average maximum temperature of 87.2°. The average minimum temperature for the month was 67.4°. This was 2.3° above the normal average minimum temperature of 65.1°. This was the 2nd warmest August on record!

August 2020 Climate Summary

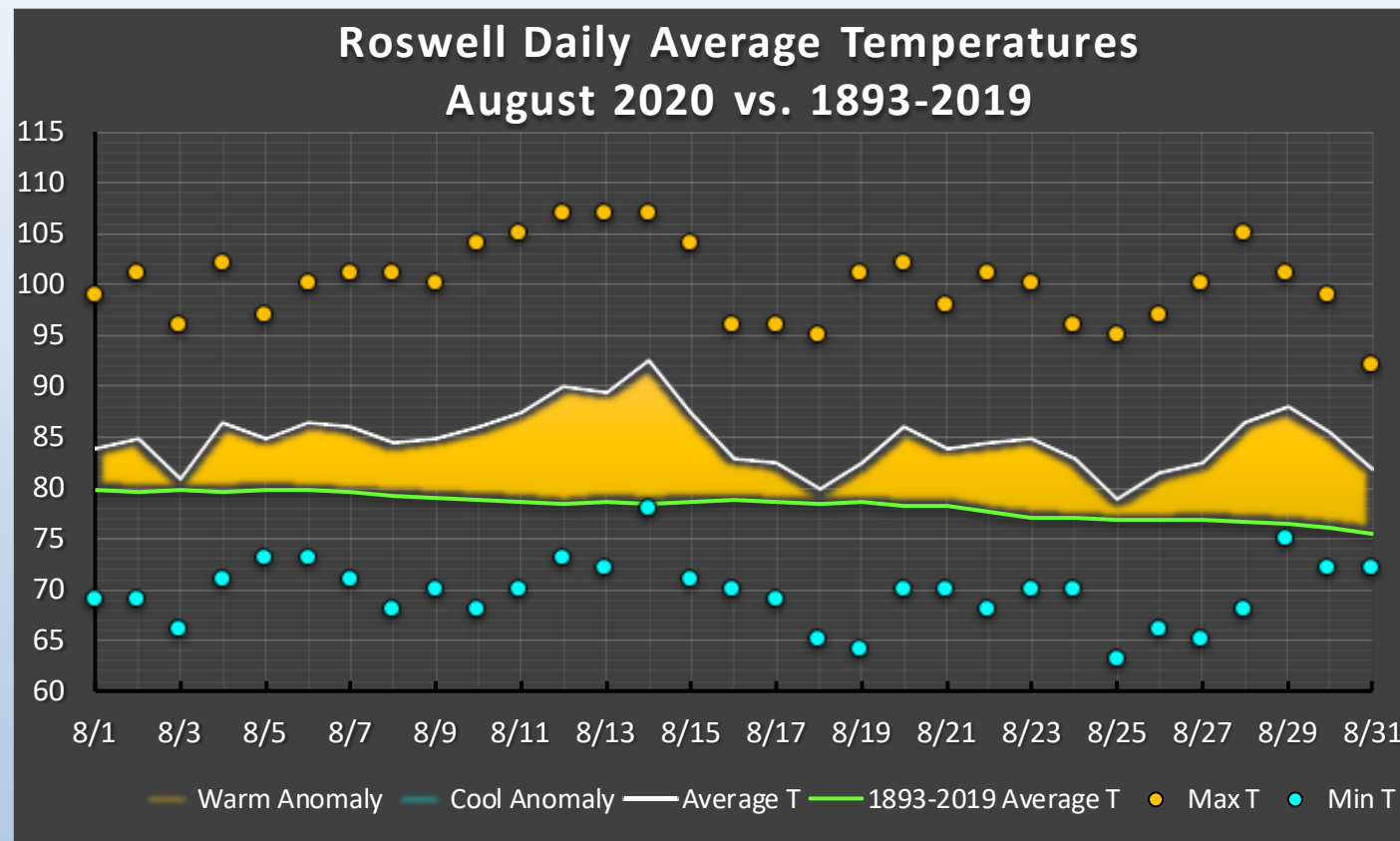
Clayton Temperatures

Weather Forecast Office
Albuquerque, NM

Issued September 3, 2020 9:37 AM MDT



The average temperature for Clayton was 75.5°, which was 2.2° above the normal of 73.3°. The average maximum temperature for the month was 91.6°. This was 5.4° above the normal average maximum temperature of 86.2°. The average minimum temperature for the month was 59.5°. This was 0.8° below the normal average minimum temperature of 60.3°.



The average temperature for Roswell was 84.9°, which was 6.2° above the normal of 78.7°. The average maximum temperature for the month was 100.2°. This was 8.5° above the average maximum temperature of 91.7°. The average minimum temperature for the month was 69.7°. This was 3.9° above the normal average minimum temperature of 65.8°. This was the 3rd warmest August on record!

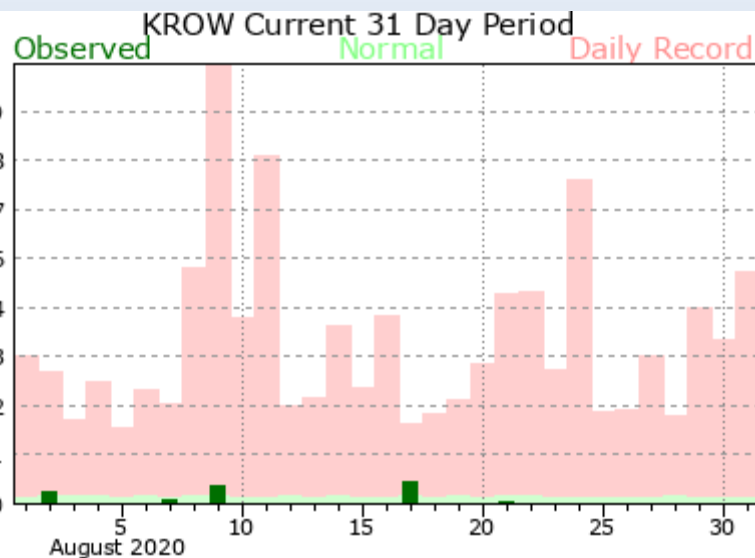
August 2020 Climate Summary

Precipitation – Climate Sites

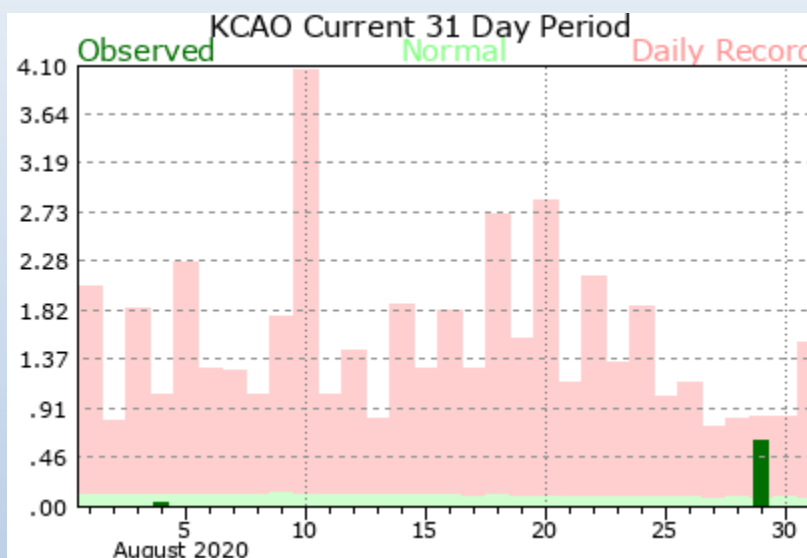
Weather Forecast Office
Albuquerque, NM
Issued September 3, 2020 9:38 AM MDT



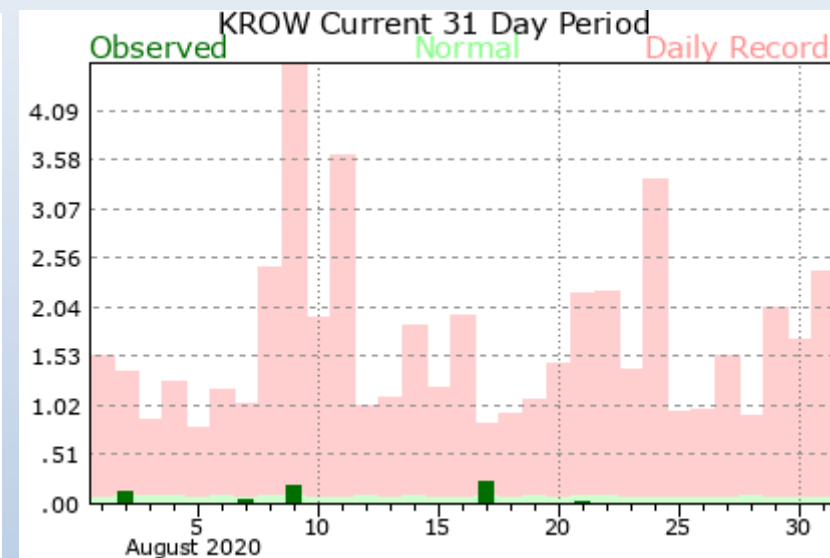
Albuquerque Sunport



Clayton



Roswell



There was 0.64" of precipitation measured at the Sunport, compared to the normal of 1.58", or 0.94" below normal. This ranks as the 32nd driest August on record (1893-2020).

There was 0.63" of precipitation measured at, compared to the normal of 2.94", or 2.31" below normal. This ranks as the 10th driest August on record (1893-2020).

There was 0.57" of precipitation measured at, compared to the normal of 1.97", or 1.40" below normal. This ranks as the 21st driest (tied) August on record (1893-2020).

August 2020 Climate Summary

Severe Weather*

Weather Forecast Office
Albuquerque, NM








Issued September 3, 2020 9:38 AM MDT



Event Type	Date	County/Zone Name	Magnitude	Type	Event Narrative
Thunderstorm Wind	8/1/2020	Torrance	53 kt	Gust	Clines Corners reported a peak wind gust up to 61 mph.
Thunderstorm Wind	8/2/2020	Socorro	53 kt	Gust	A peak thunderstorm wind gust of 61 mph was measured in Socorro.
Thunderstorm Wind	8/2/2020	Chaves	52 kt	Gust	A peak thunderstorm wind gust of 60 mph was measured at the Roswell airport.
Lightning	8/2/2020	Chaves			Lightning strike destroyed a residential structure near Roswell.
Hail	8/3/2020	Mora	2"		Two inch hail fell in Buena Vista.
Thunderstorm Wind	8/3/2020	Colfax	53 kt	Gust	A peak thunderstorm wind gust of 61 mph was recorded at the Raton airport.
Hail	8/3/2020	Bernalillo	0.88"		Nickel size hail reported with a thunderstorm near Sedillo.
Hail	8/3/2020	Bernalillo	1"		Quarter size hail reported south of Sedillo.
Hail	8/3/2020	Sandoval	0.88"		Nickel size hail reported in Bernalillo.
Flash Flood	8/5/2020	Lincoln			Flash flooding near Bonito Lake below Little Bear burn scar.
Thunderstorm Wind	8/9/2020	Curry	51 kt	Gust	A peak thunderstorm wind gust of 59 mph was measured at Cannon AFB.
Thunderstorm Wind	8/12/2020	Bernalillo	50 kt	Gust	Thunderstorm at the Albuquerque Sunport produced a wind gust up to 58 mph.
Tornado	8/15/2020	Bernalillo			Brief landspout observed over far northwest Albuquerque.
Hail	8/21/2020	Roosevelt	1"		One inch hail from a severe thunderstorm northwest of Portales.
Thunderstorm Wind	8/21/2020	Roosevelt	65 kt	Gust	Wind gusts of 60 to 70 mph near Floyd. Crop and structural damage observed.
Thunderstorm Wind	8/21/2020	Chaves	56 kt	Gust	A 65 mph wind gust was measured at the Roswell airport.
High Wind	8/21/2020	ABQ Metro Area	53 kt	Gust	A 61 mph wind gust was measured at the Albuquerque Sunport.
High Wind	8/23/2020	Northwest Plateau	50 kt	Gust	A dry microburst south of Bloomfield resulted in damage to trees and a residence.
Thunderstorm Wind	8/28/2020	Colfax	54 kt	Gust	A 62 mph wind gust was recorded at the Raton airport.
Thunderstorm Wind	8/28/2020	Sandoval	52 kt	Gust	A 60 mph wind gust was estimated near Unser and Abrazo.
Hail	8/29/2020	Santa Fe	1"		One inch hail reported west of Santa Fe with minor roof damage.
Thunderstorm Wind	8/29/2020	Colfax	60 kt	Gust	Property damage from severe winds along U.S. Highway 56 west of Abbott.
Thunderstorm Wind	8/29/2020	Colfax	50 kt	Gust	Downed power lines about 5 miles west of Abbott.
Thunderstorm Wind	8/29/2020	Colfax	68 kt	Gust	Raton airport recorded a 78 mph wind gust from a strong thunderstorm downburst.
Flash Flood	8/29/2020	Union			A spotter reported that a bridge was washed out along NM-456.

*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