



Synopsis

Temperatures in July across New Mexico ranged from near to above normal in the west and above to much above in the east. Precipitation was well above normal in the northwest to well below normal in the southeast!

July 2022 continued where June left off, with widespread showers and thunderstorms through the first half of the month. After a subtle reduction in storms from the 17th to 22nd, they picked right back up for the last week of the month.



July 29 Gavilan Creek flood
Photo courtesy USFS Baer Team



July 29 Gavilan Creek flood
Photo courtesy Ira Pearson



July 1 Hermit's Peak/Calf Canyon burn scar – Maestas Canyon
Photo courtesy of Alberta Maez

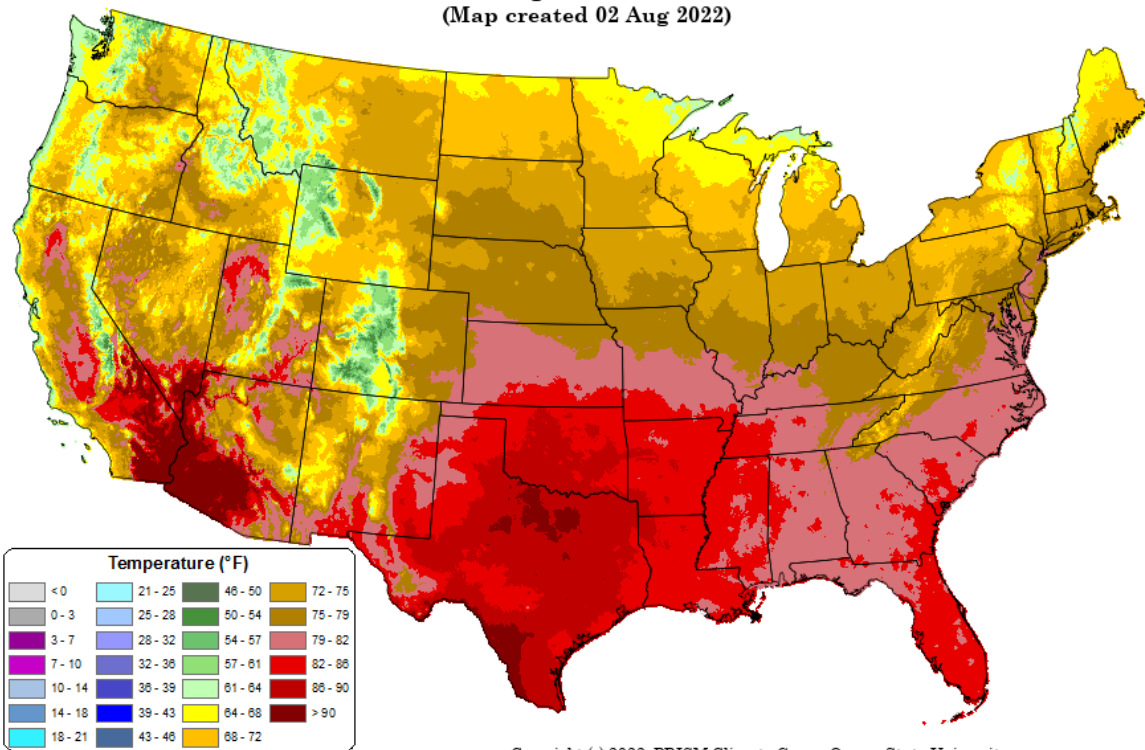


Actual

Average Daily Mean Temperature: Jul 2022

Period ending 7 AM EST 31 Jul 2022

(Map created 02 Aug 2022)



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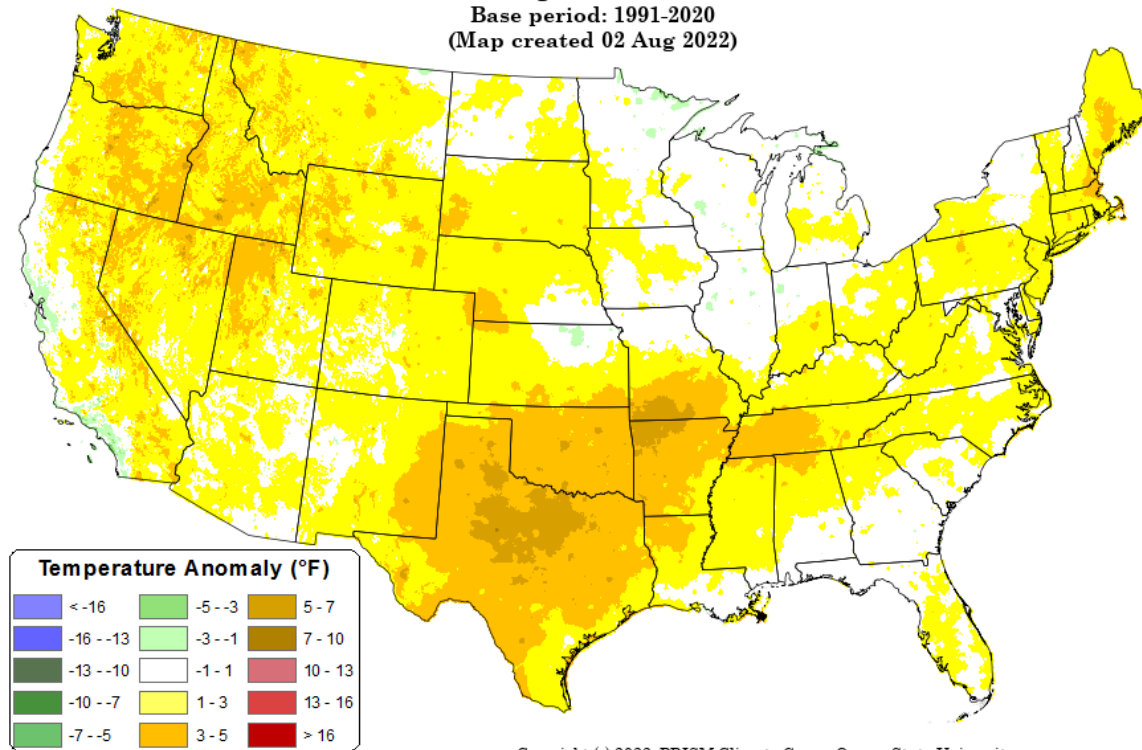
Anomaly

Daily Mean Temperature Anomaly: Jul 2022

Period ending 7 AM EST 31 Jul 2022

Base period: 1991-2020

(Map created 02 Aug 2022)

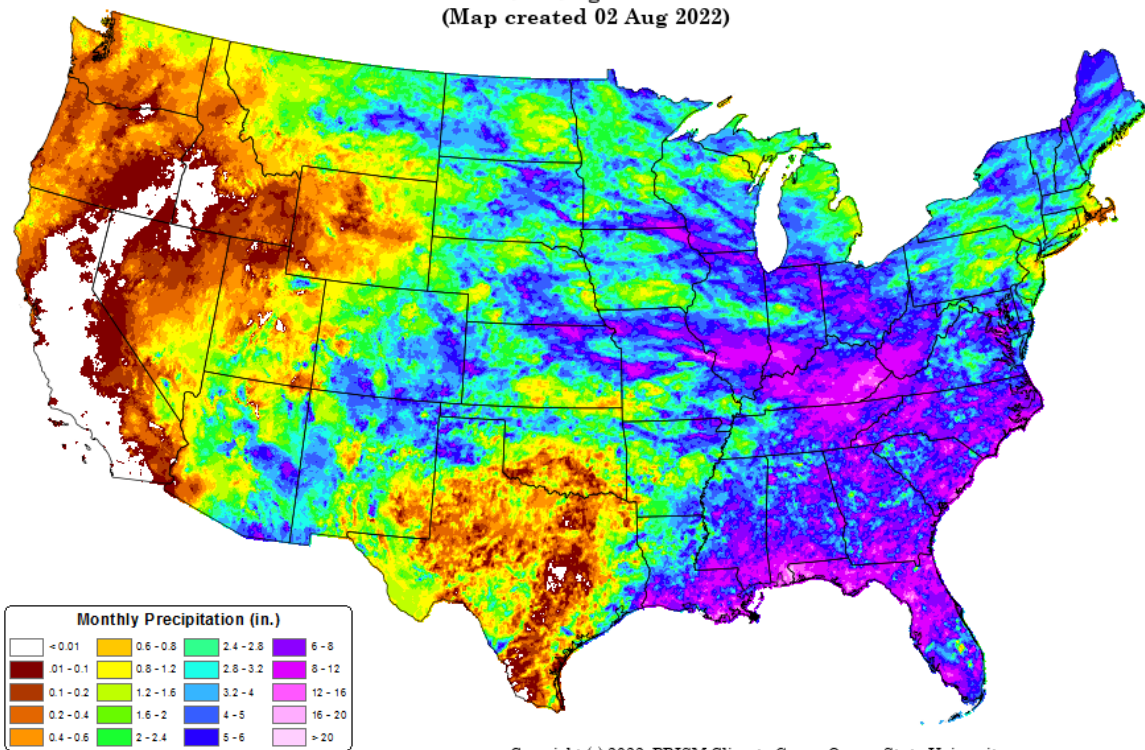


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Actual

Total Precipitation: Jul 2022

Period ending 31 Jul 2022
(Map created 02 Aug 2022)

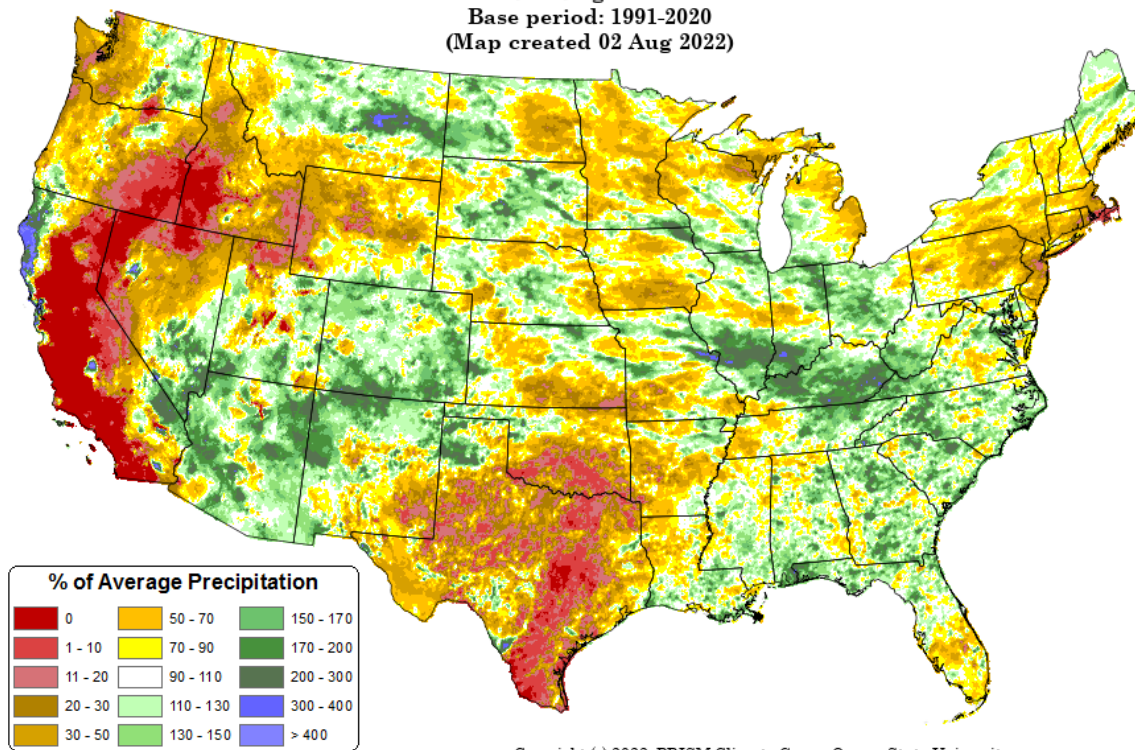


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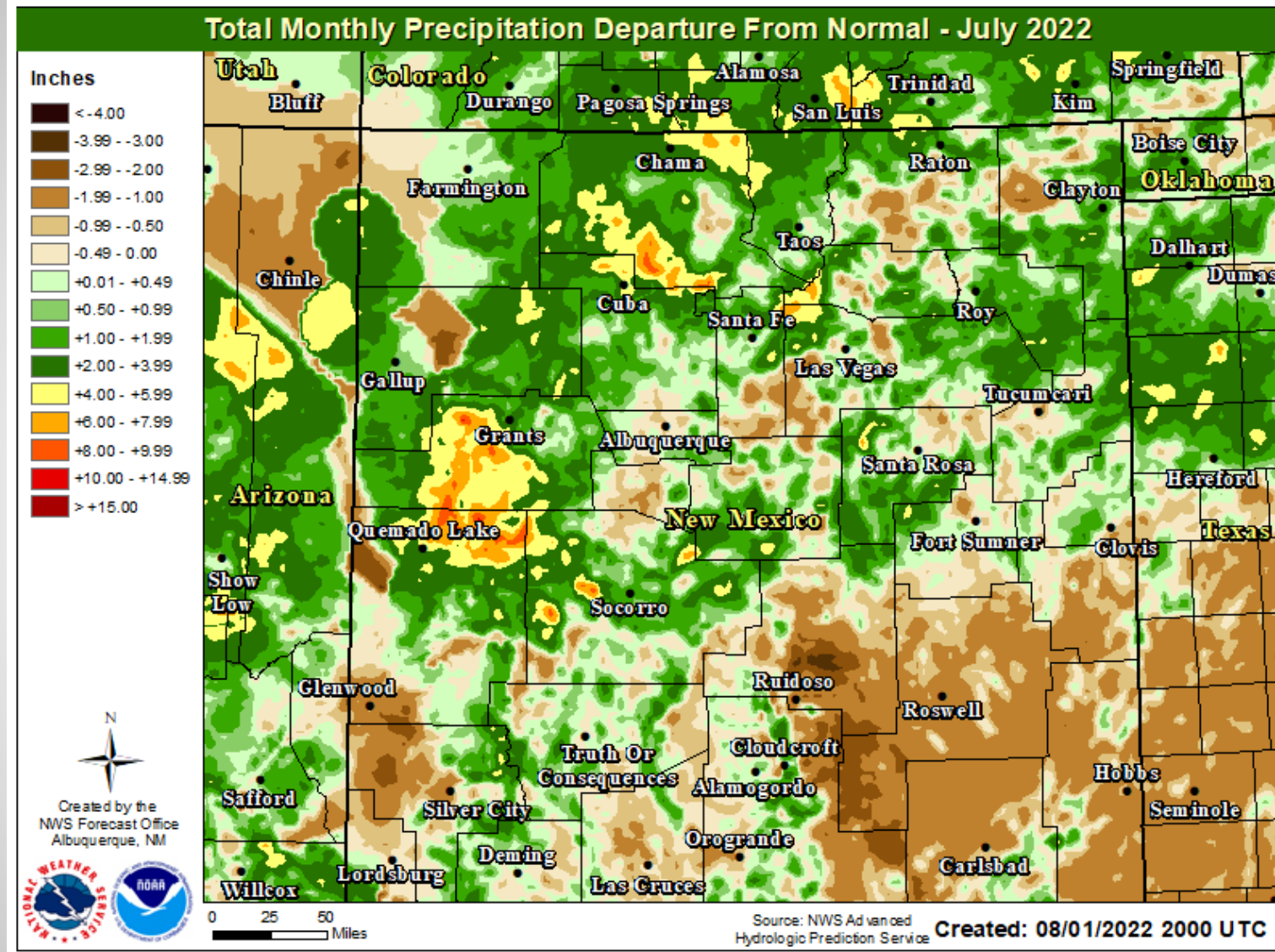
Anomaly

Total Precipitation Anomaly: Jul 2022

Period ending 31 Jul 2022
Base period: 1991-2020
(Map created 02 Aug 2022)



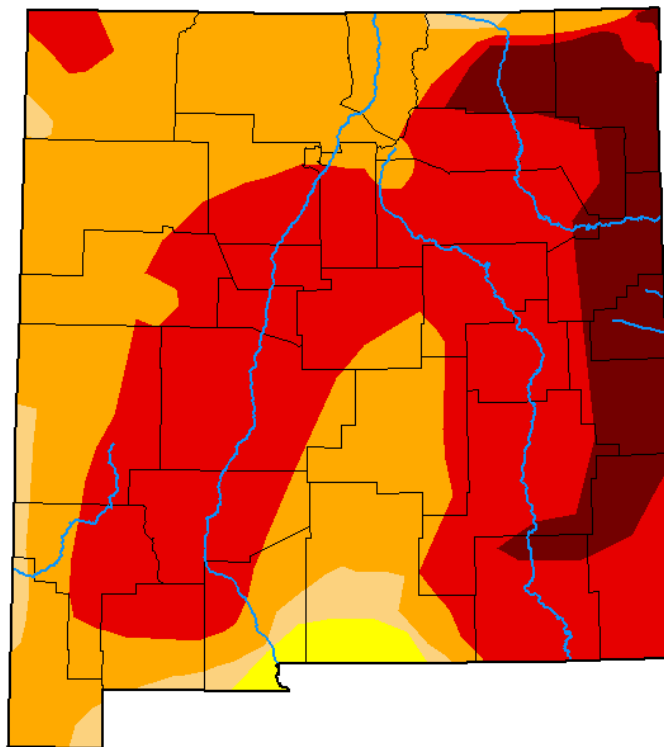
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Here is a more detailed image of the July 2022 precipitation.

U.S. Drought Monitor New Mexico

July 5, 2022
(Released Thursday, Jul. 7, 2022)
Valid 8 a.m. EDT



Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

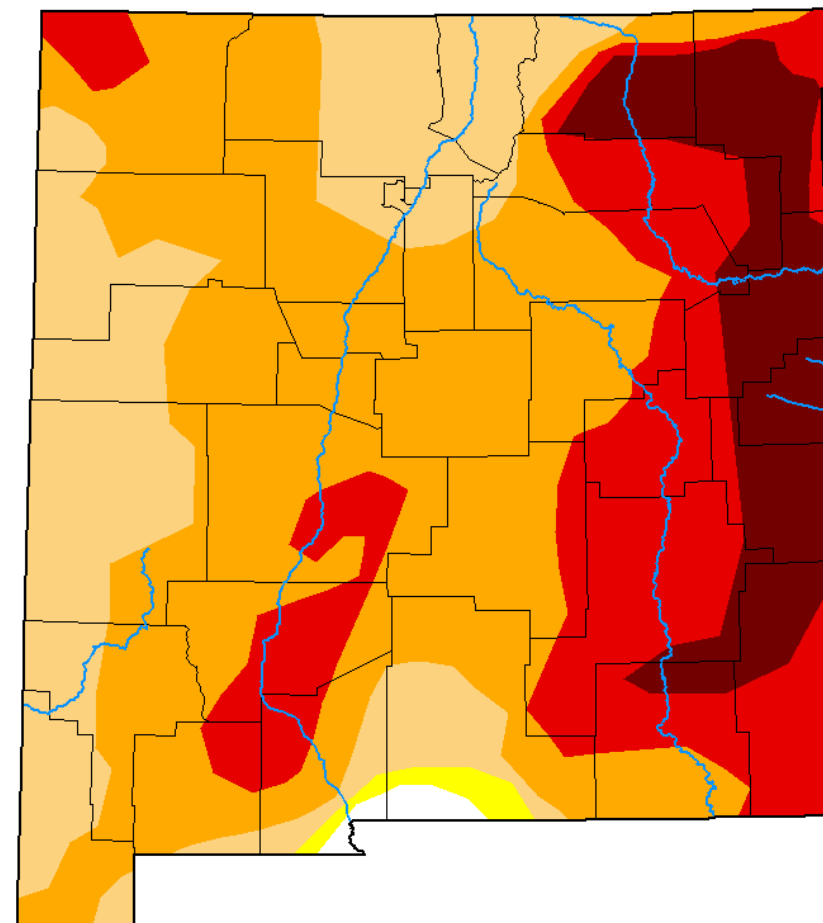
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

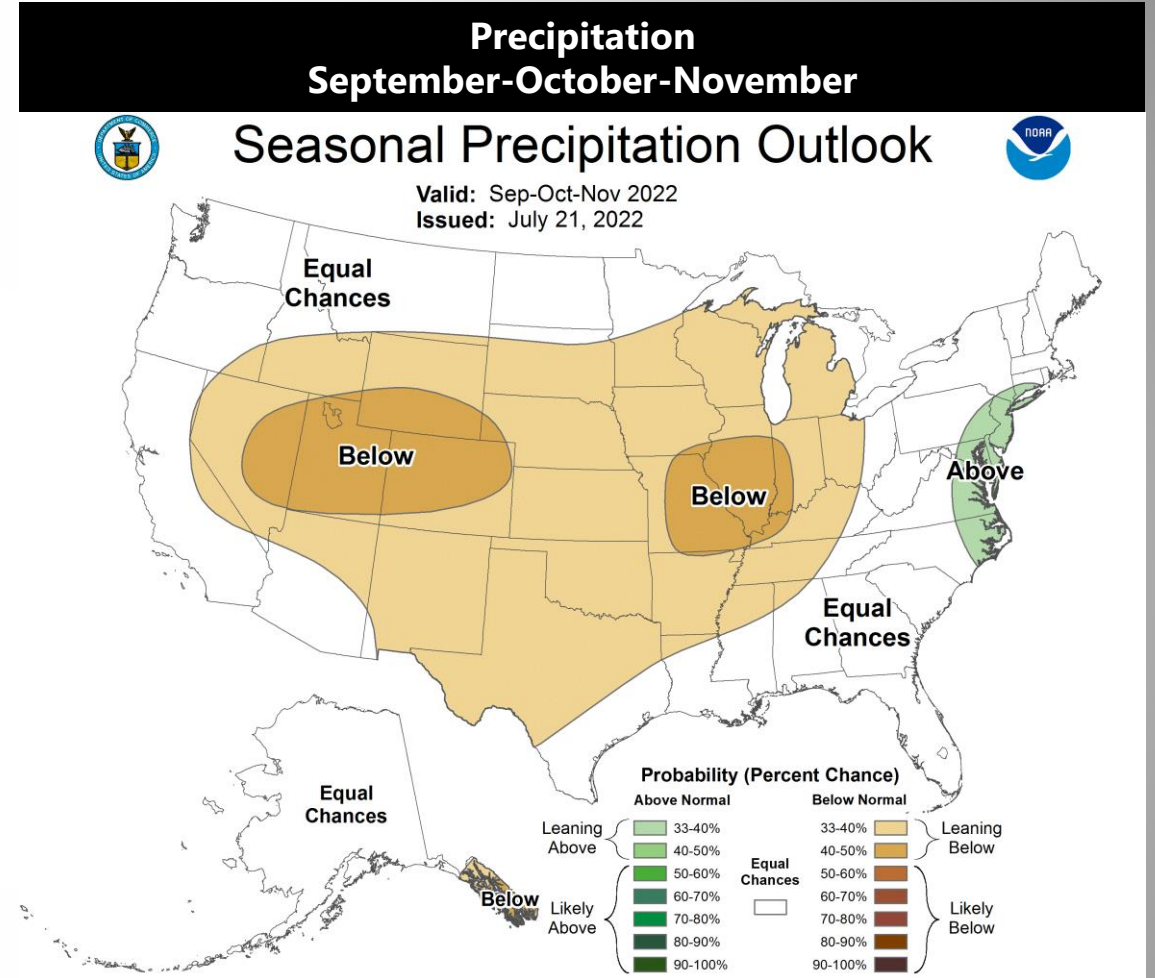
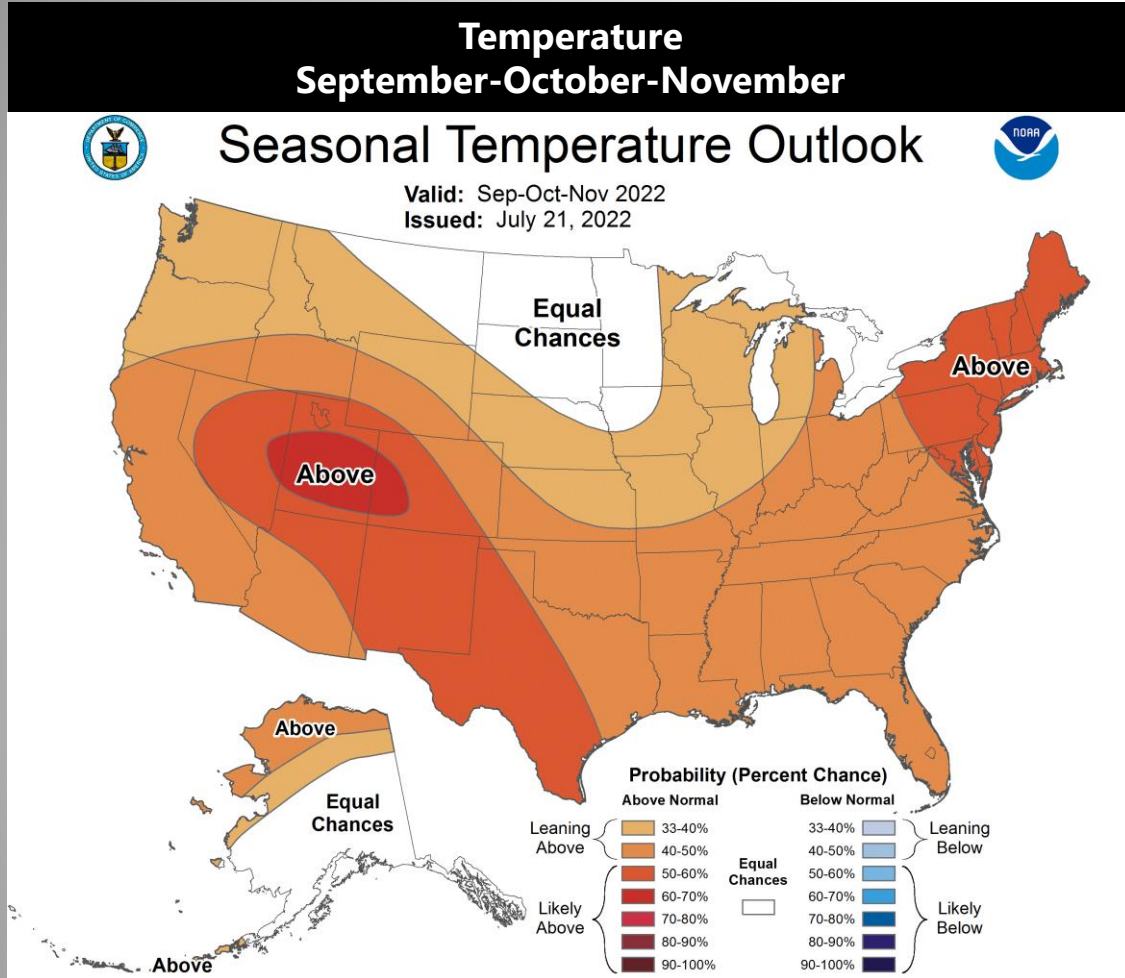
Brad Pugh
CPC/NOAA



droughtmonitor.unl.edu



Drought conditions in July improved over much of western and central New Mexico.



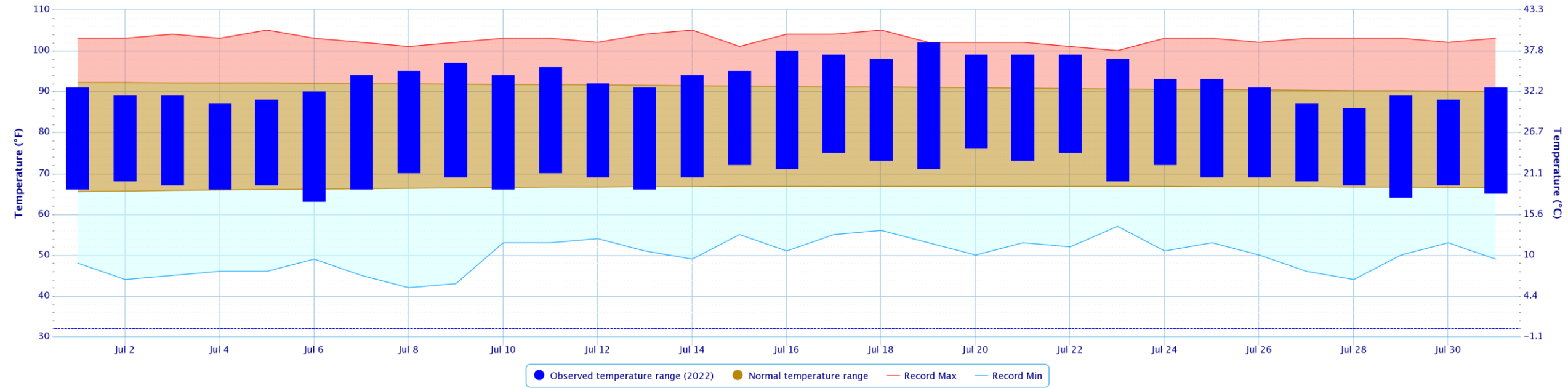
Above normal temperatures and below normal precipitation continue to be the most likely weather scheme across New Mexico for upcoming fall season.



Average Temperature: 81.1°

Daily Temperature Data – ALBUQUERQUE INTL AP, NM

Period of Record – 1891–12–01 to 2022–08–02. Normals period: 1991–2020. Click and drag to zoom chart.



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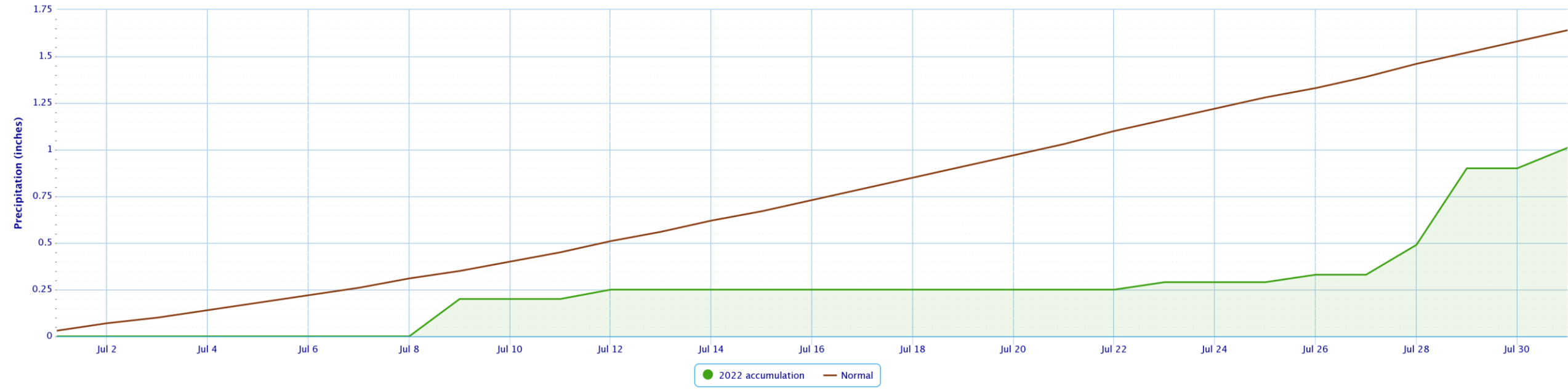
The July 2022 average temperature for Albuquerque was 81.1°, which was 2.2° above the normal of 78.9°. The average maximum temperature for the month was 93.4°. This was 2.2° above the normal average maximum temperature of 91.2°. The average minimum temperature for the month was 68.9°. This was 2.4° above the normal average minimum temperature of 66.5°. This ranked as the 11th warmest July on record.



Precipitation: 1.01"

Accumulated Precipitation – ALBUQUERQUE INTL AP, NM

Click and drag to zoom to a shorter time interval; green/black diamonds represent subsequent/missing values



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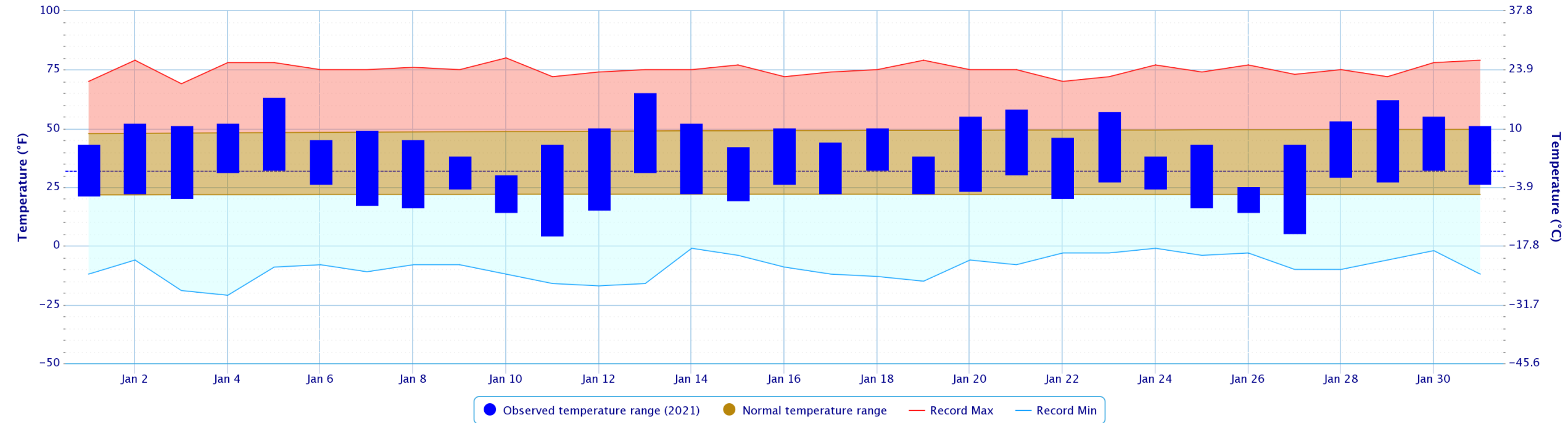
The July 2022 precipitation for Albuquerque was 1.01", which was 0.63" below the normal of 1.64". This ranked as the 48th driest July on record.



Average Temperature: 78.3°

Daily Temperature Data – Clayton Area, NM (ThreadEx)

Period of Record – 1896-02-01 to 2021-02-02. Normals period: 1981-2010. Click and drag to zoom chart.



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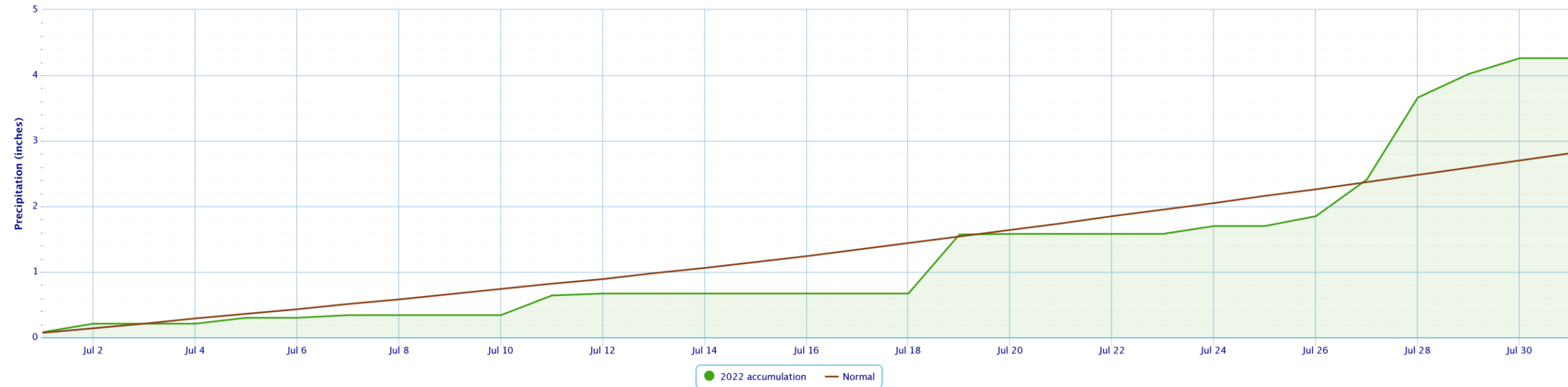
The July 2022 average temperature for Clayton was 78.3°, which was 2.9° above the normal of 75.4°. The average maximum temperature for the month was 92.4°. This was 2.4° above the normal average maximum temperature of 90.0°. The average minimum temperature for the month was 64.2°. This was 3.4° above the normal average minimum temperature of 60.8°. This ranked as the 8th warmest July on record.



Precipitation: 4.26"

Accumulated Precipitation – CLAYTON MUNICIPAL AIR PARK, NM

Click and drag to zoom to a shorter time interval; green/black diamonds represent subsequent/missing values



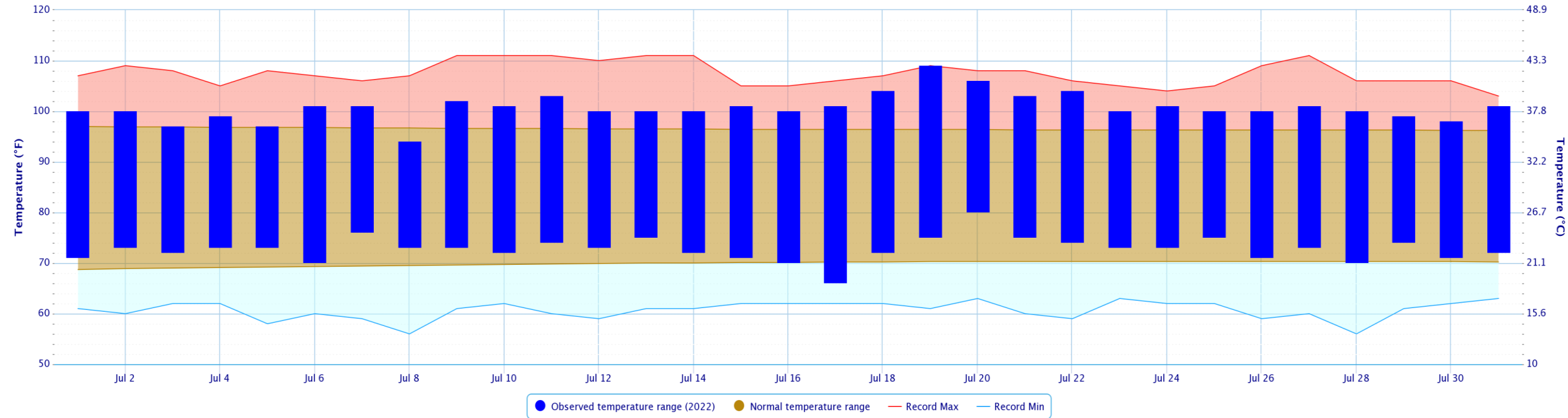
The July 2022 precipitation for Clayton was 4.26", which was 1.45" below the normal of 2.81". This ranked as the 19th wettest July on record.



Average Temperature: 86.7°

Daily Temperature Data – ROSWELL INDUSTRIAL AIR PARK, NM

Period of Record – 1946-12-01 to 2022-08-02. Normals period: 1991-2020. Click and drag to zoom chart.



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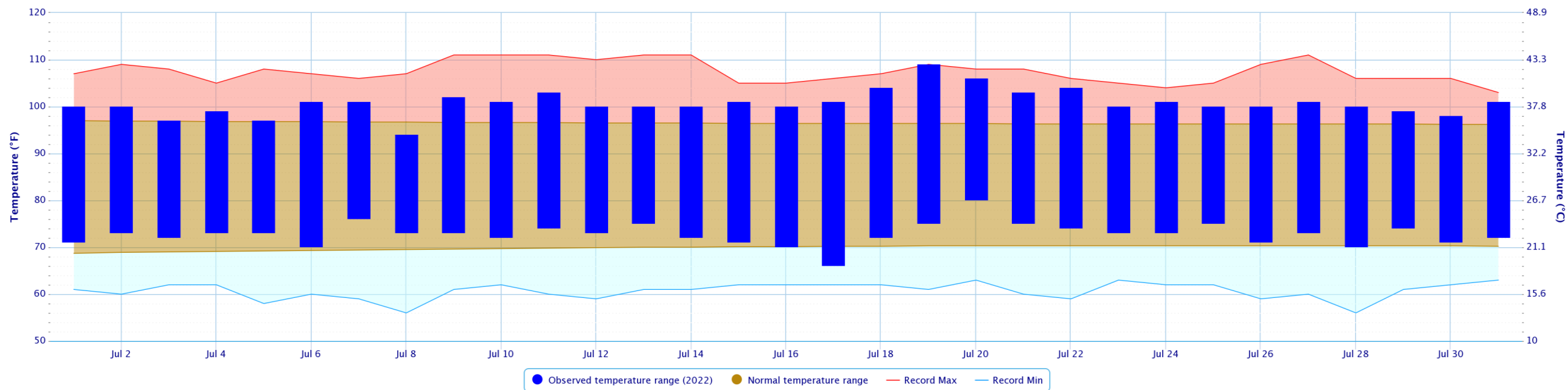
The July 2022 average temperature for Roswell was 86.7°, which was 3.5° above the normal of 83.2°. The average maximum temperature for the month was 100.7°. This was 4.2° above the average maximum temperature of 96.5°. The average minimum temperature for the month was 72.7°. This was 2.8° above the normal average minimum temperature of 69.9°. This ranked as the 2nd warmest July on record, just below the record high 86.8 set in 2020.



Precipitation: 0.36"

Daily Temperature Data – ROSWELL INDUSTRIAL AIR PARK, NM




Period of Record – 1946-12-01 to 2022-08-02. Normals period: 1991-2020. Click and drag to zoom chart.



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The July 2022 precipitation for Roswell was 0.36", which was 1.46" below the normal of 1.82". This ranked as the 8th driest July on record.



-  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/>
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