

# July 2023 Climate Summary – Georgia

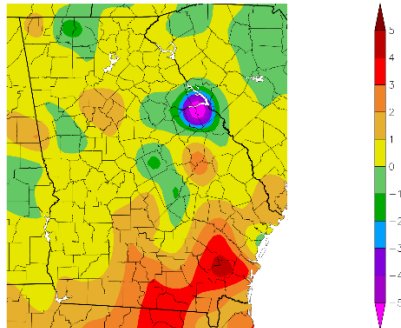
*Eleanor Partington and Nyasha Dunkley*

## State of Georgia Climate Office

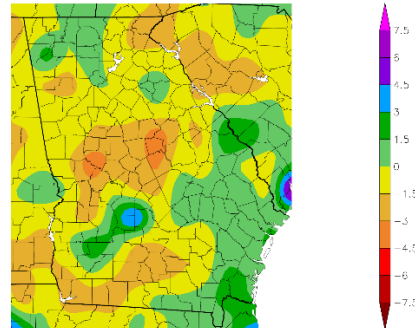
The month of July 2023 was warmer and drier than normal.\* According to the National Center for Environmental Information (NCEI), July’s average temperature was 81.5°F, which is 1.8°F warmer than normal. July 2023 was tied with 2015 and 2020 as the 18<sup>th</sup> warmest July, in a record that extends back to 1895. The majority of the state experienced warmer than normal average temperatures, but the heat was especially concentrated across Southeast Georgia. There were, however, a few pockets of normal, or cooler than normal temperatures throughout the state.

Data from NCEI also showed that Georgia recorded an average rainfall of 4.37 inches, which was 1.23 inches below normal. Although areas along the Southeast Coast, and pockets of Central and North Georgia experienced normal or wetter than normal conditions, much of the state was drier than average.

Departure from Normal Temperature (F)  
7/1/2023 – 7/31/2023



Departure from Normal Precipitation (in)  
7/1/2023 – 7/31/2023



Generated 8/10/2023 at HPRCC using provisional data.

NOAA Regional Climate Centers Generated 8/10/2023 at HPRCC using provisional data.

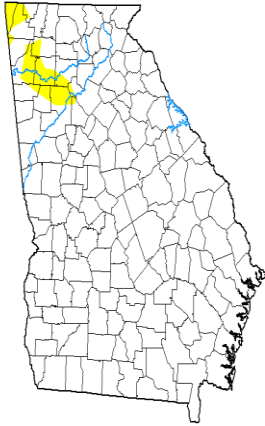
NOAA Regional Climate Centers

According to the U.S. Drought Monitor, Abnormally Dry (D0) conditions across Northeast Georgia dissipated throughout the month, allowing the entire state to become drought-free. The monthly outlook from the Climate Prediction Center suggests the tendency for drought conditions to remain absent from the southeastern U.S. through the month of August.

\* “Normal” refers to the mean from 1901-2000.

**U.S. Drought Monitor  
Georgia**

**July 4, 2023**  
(Released Thursday, Jul. 6, 2023)  
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>

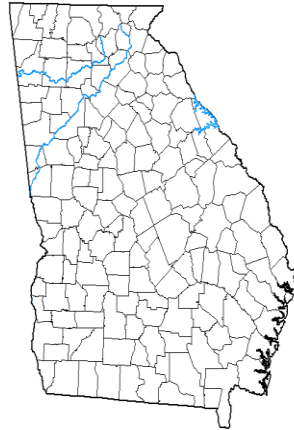
**Author:**  
Curtis Riganti  
National Drought Mitigation Center



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

**U.S. Drought Monitor  
Georgia**

**July 25, 2023**  
(Released Thursday, Jul. 27, 2023)  
Valid 8 a.m. EDT



**Intensity:**  
None  
D0 Abnormally Dry  
D1 Moderate Drought  
D2 Severe Drought  
D3 Extreme Drought  
D4 Exceptional Drought

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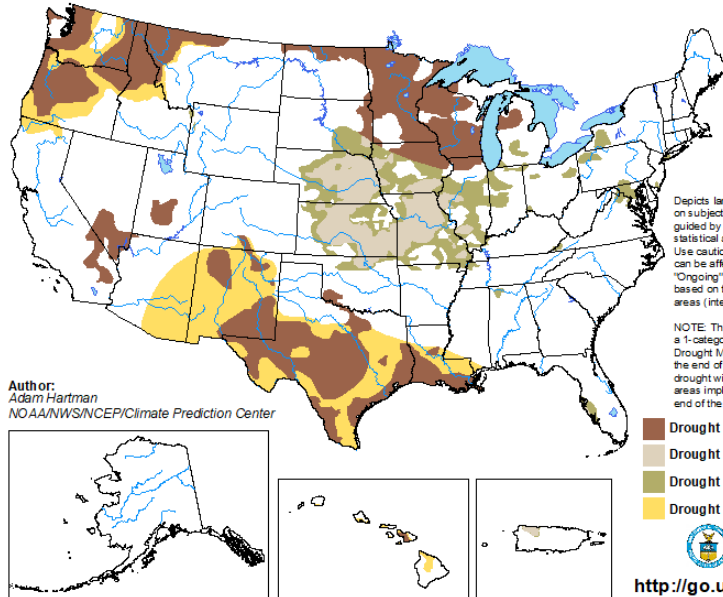
**Author:**  
Brian Fuchs  
National Drought Mitigation Center



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

**U.S. Monthly Drought Outlook  
Drought Tendency During the Valid Period**

**Valid for August 2023  
Released July 31, 2023**



Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short-lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

- Drought persists
- Drought remains but improves
- Drought removal likely
- Drought development likely

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<http://go.usa.gov/3eZGd>

Equatorial sea surface temperatures are above average across the central and eastern Pacific Ocean, according to the Climate Prediction Center. El Nino conditions are currently observed and anticipated to continue through the Northern Hemisphere winter (with greater than a 95% chance through December 2023-February 2024). The seasonal outlook from the Climate Prediction Center for August, September, and October favors the probability of near- to above normal rainfall and above normal temperatures.

