September 2023 Climate Summary – Georgia

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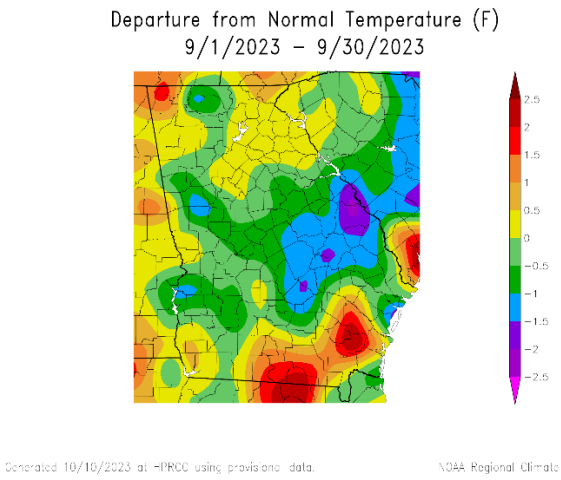
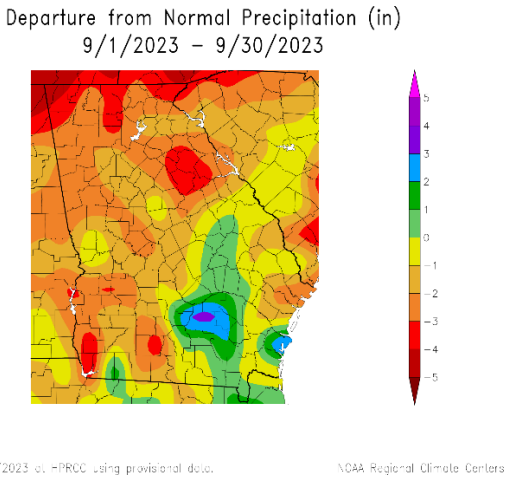
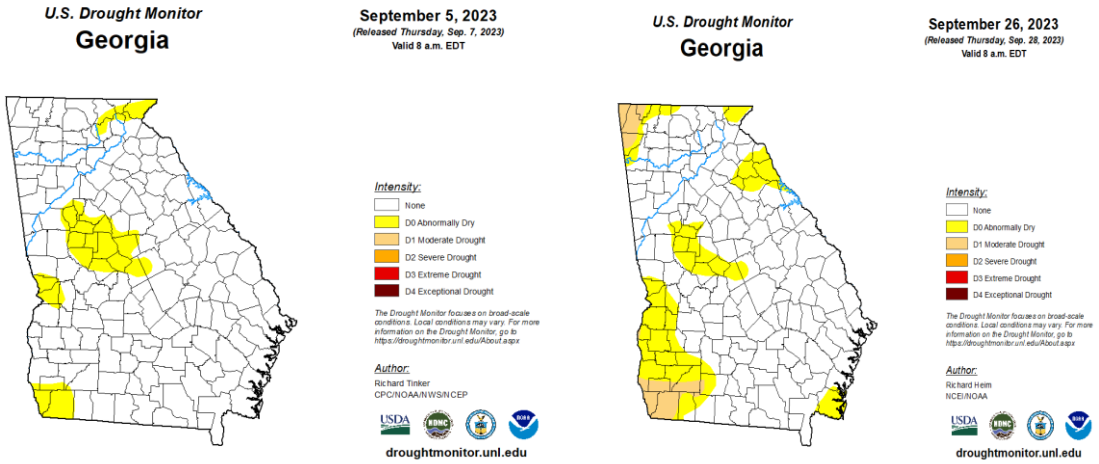
September in Georgia was marked by seasonal temperatures and below average rainfall. After a relatively warm summer, September temperatures closely aligned with historical mean temperatures (1901-2000). September 2023's overall average temperature of 75.4 F was the same as the 20th century average. Both the average minimum and maximum temperatures were also within 0.2 F of the historical average. Notably, areas of South Georgia still experienced warmer than normal temperatures, despite the seasonal temperatures throughout the rest of the state.

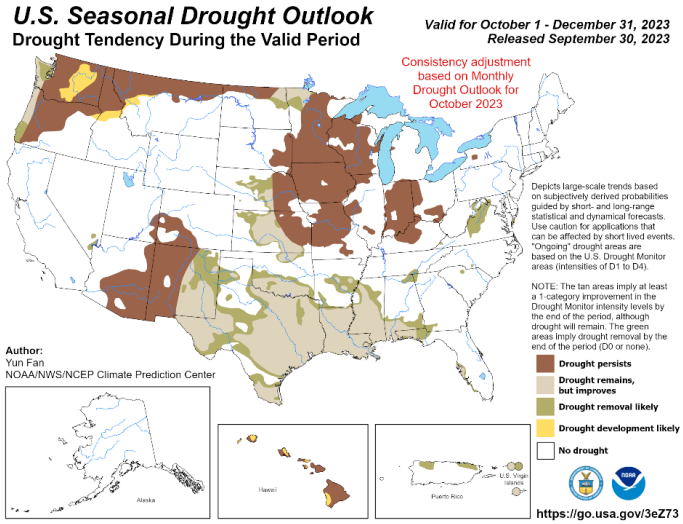
Georgia received an average of 2.81" of rain, falling 1.11" below the normal amount and making this September the driest since 2019. The vast majority of the state experienced a rainfall deficit, with the Northwest corner experiencing the most severe dryness. A few areas in southern Georgia, including one main corridor extending up through Central Georgia, continued to receive normal or higher than normal rainfall throughout the month.



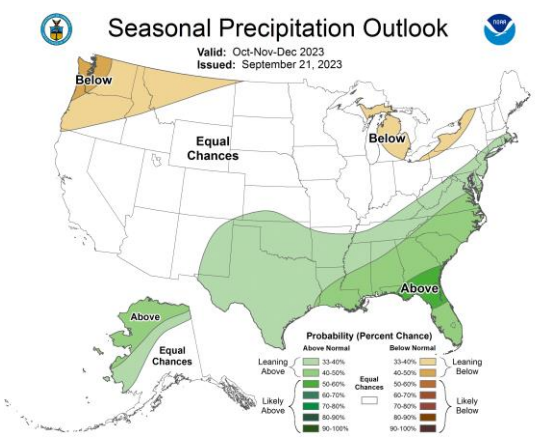


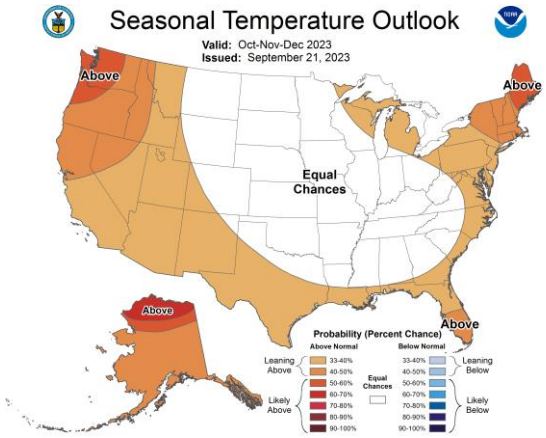
Abnormally dry (DO) conditions began to intensify across the state throughout the month, according to the U.S. Drought Monitor. The abnormal dryness spread, and moderate drought conditions grew in the north and southwest corners of the state. The seasonal outlook from the Climate Prediction Center suggests that much of the state will remain relatively drought-free through the end of December, with some drought removal likely in the extreme north and south.





According to the Climate Prediction Center, equatorial sea surface temperatures are above average across the central and eastern Pacific Ocean indicating El Nino conditions are present. El Nino is anticipated to continue through the Northern Hemisphere spring (with an 80% chance during March-May 2024). The seasonal outlook from the Climate Prediction Center for October, November, and December suggests the probability of above normal temperatures for the entire state and above normal temperatures in southern Georgia.


Seasonal Precipitation Outlook
Valid: Oct-Nov-Dec 2023
Issued: September 21, 2023
Below
Equal Chances
Below
Above
Above
Equal Chances
Probability (Percent Chance)
Above Normal
Below Normal
Leaning Above
Likely Above
Equal Chances
Leaning Below
Likely Below
33-40%
40-50%
50-60%
60-70%
70-80%
80-90%
90-100%


Seasonal Temperature Outlook
Valid: Oct-Nov-Dec 2023
Issued: September 21, 2023
Above
Above
Equal Chances
Above
Above
Probability (Percent Chance)
Above Normal
Below Normal
Leaning Above
Likely Above
Equal Chances
Leaning Below
Likely Below
33-40%
40-50%
50-60%
60-70%
70-80%
80-90%
90-100%