

June 2010 Climate Summary

Georgia Climate Summary for June 2010

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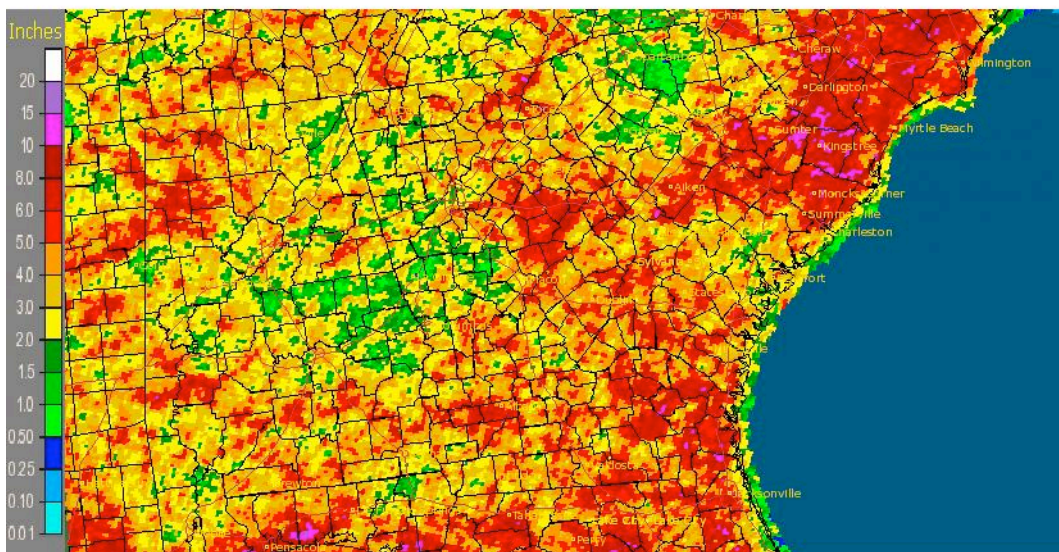
Temperatures significantly above normal in Georgia stressed many crops in June. Pop-up thunderstorms scattered rainfall and wind damage across the state during the month.

Temperatures across the state were warmer than normal everywhere in Georgia this June. In Atlanta, the monthly average temperature was 81.4 degrees F (4.6 degrees above normal), in Athens 80.6 degrees (4.3 degrees above normal), Columbus 82.7 (3.5 degrees above normal), Macon 82.0 (4.0 above normal), Savannah 83.6 (4.8 above normal), Brunswick 82.9 (3.5 above normal), Alma 82.3 (3.0 above normal), Valdosta 83.0 (4.6 above normal) and Augusta 82.8 (5.3 above normal).

Record high minimum temperatures were set in Savannah and Augusta on June 14. The observation of 102 degrees in Savannah beat the old record of 100 set in 1921, and the 103 degree measurement in Augusta surpassed the old record of 101 set in 2000. Augusta also had a record daily high temperature on June 15 with 104 degrees F, breaking the old record of 100 set in 1971.

Parts of the state received above normal rainfall; however, almost half the state experienced below-normal precipitation, particularly in a narrow band along the coast and in the northwestern third of the state.

Georgia: June, 2010 Monthly Observed Precipitation
Valid at 7/1/2010 1200 UTC- Created 7/3/10 21:39 UTC

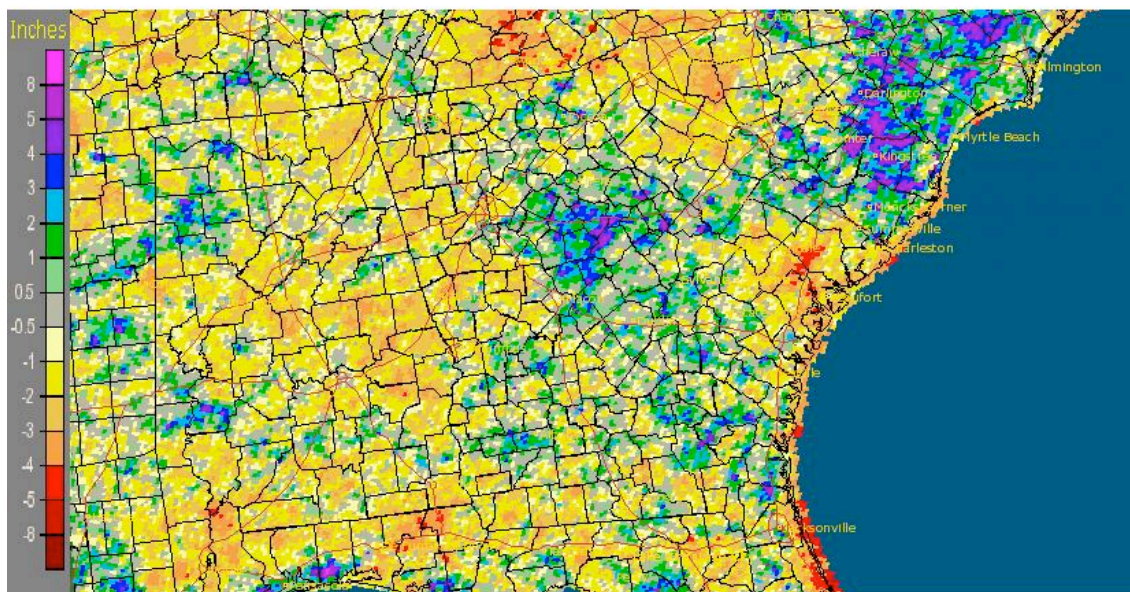


source: www.weather.gov

The highest monthly total from National Weather Service reporting stations was 8.78 inches in Alma (3.29 inches above normal) and the lowest was in Brunswick at 1.42 inches (3.63 below normal). Valdosta received 4.52 inches (0.84 below normal), Macon 5.73 inches (2.19 inches above normal), Athens 4.55 (0.61 above normal), Atlanta 5.21 (1.58 above normal), Columbus 2.45 (1.06 below normal), Savannah 5.79 (0.30 above normal) and Augusta 2.19 (2.00 inches below normal).

Record daily rainfalls were set in May in Alma on the 4th and the 30th. On June 4 Alma received 1.05 inches, surpassing the old record of 0.85 inches set in 1995, and on June 30 Alma observed 1.39 inches, eliminating the old record of 0.96 set in 1999.

Georgia: June, 2010 Monthly Departure from Normal Precipitation
Valid at 7/1/2010 1200 UTC- Created 7/3/10 21:42 UTC



Source: www.weather.gov

The highest single day rainfall from CoCoRaHS stations was 5.13 inches near Manor in Ware County in southeast Georgia on June 30. An observer in Tifton in Tift County also received 4.25 inches on that day. The highest monthly rainfall total in May was 10.09 inches from an observer northeast of Pearson in Atkinson County.

There were no tornadoes reported in Georgia in June. However, severe weather hit somewhere in the state on 21 separate days in the month. Several Georgians were injured by lightning during the month, and one teen was killed near McDonough in Henry County south of Atlanta on June 30 when lightning struck near where he was standing outside his home. Lightning was also reported to have caused several house

fires during the month. Another person was injured on June 5 when a roof of a pole barn collapsed near Lovett in Laurens County.

A soil fungus affected many seedless watermelon plants, causing up to a 50 percent loss in some fields. The destruction of the fruit due to the effect of the fungus may have been influenced by the wet weather over the winter and the high temperatures in spring. However, this does not appear to have affected the availability of watermelon for the Independence Day weekend.

During June, the heat caused stress on crops, particularly in areas that did not receive normal rainfall. In the northeast part of the state, wine grapes were particularly affected by the heat and in other areas corn and wheat were stressed by the hot conditions. However, in spite of the heat, most crops continue to be in good condition and harvest is proceeding.