

August 2010 Climate Summary

Georgia Climate Summary for August 2010

Prepared by Pam Knox, Assistant State Climatologist

Summer in Georgia this year was near record-setting levels across the state, with August capping a string of months with temperatures significantly above average.

Rainfall across the state was spotty and highly variable, reflecting the effects of thunderstorm activity over the month.

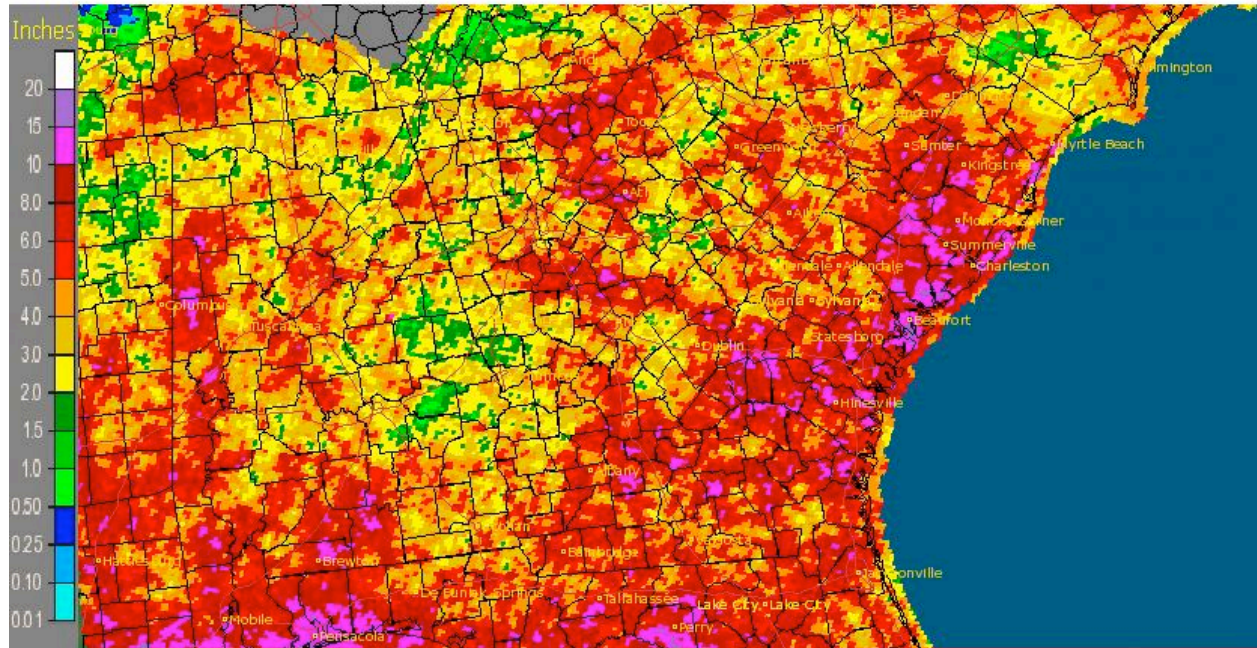
For June, July and August, several airport locations recorded their warmest summer ever, including Savannah, Athens, Columbus and Alma. Other locations like Atlanta, Macon, Augusta and Brunswick observed summer averages that made them the 2nd or 3rd warmest on record. Nighttime minimum temperatures were especially high, contributing to the warm and muggy feel.

Temperatures across the state were warmer than normal everywhere in Georgia this August, continuing the heat we felt in June and July. In Atlanta, the monthly average temperature was 82.8 degrees F (3.9 degrees above normal), in Athens 82.2 degrees (3.8 degrees above normal), Columbus 85.4 (4.1 degrees above normal), Macon 83.8 (3.8 above normal), Savannah 84.2 (3.4 above normal), Brunswick 84.1 (2.8 above normal), Alma 83.8 (2.7 above normal), Valdosta 84.1 (4.3 above normal) and Augusta 82.3 (3.0 above normal).

In spite of the unrelenting heat, there were no daily temperature records broken in August, although several record high temperatures and high minimum temperatures were tied.

Rainfall across the state was highly variable with some areas receiving over 200 percent of normal and other areas receiving less than 50 percent of normal rain.

Georgia: August, 2010 Monthly Observed Precipitation
Valid at 9/1/2010 1200 UTC- Created 9/1/10 16:07 UTC

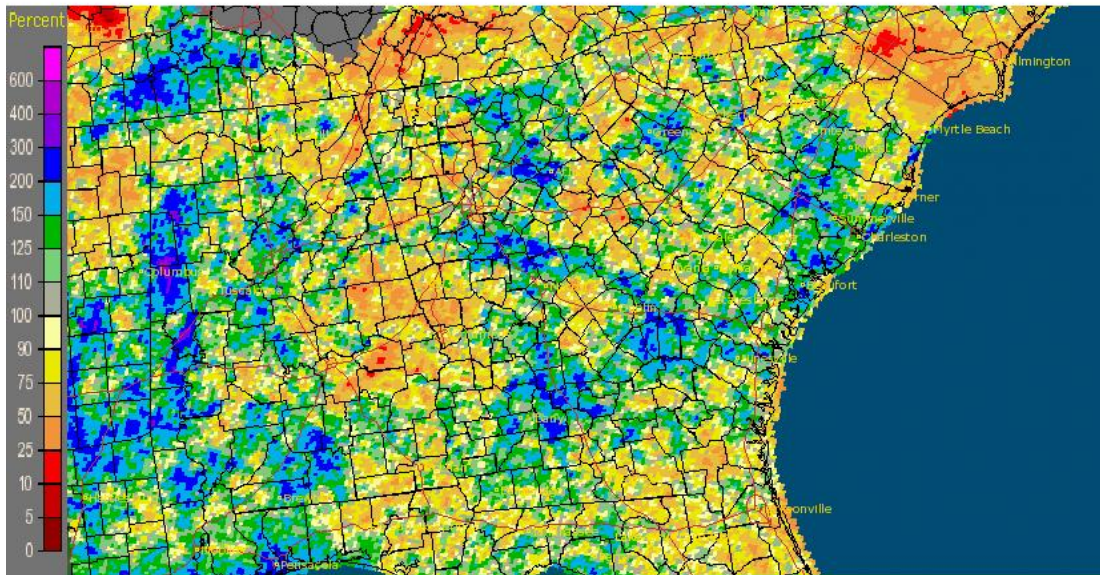


source: www.weather.gov

The highest monthly total from National Weather Service reporting stations was 7.62 inches in Athens (3.84 inches above normal) and the lowest was Columbus at 2.45 inches (1.33 below normal). Valdosta received 3.48 inches (1.95 below normal), Alma 2.72 inches (2.78 inches below normal), Brunswick 4.94 (1.22 below normal), Atlanta 3.32 (0.35 below normal), Macon 3.57 (0.22 below normal), Savannah 5.30 (1.90 below normal) and Augusta 2.04 (2.44 inches below normal).

A record daily rainfall was set in Brunswick, where 1.15 inches fell on the 21st, breaking the old record of 1.04 inches set in 2009. Savannah also set a daily rainfall record of 3.21 inches on the 22nd, breaking the old record of 2.78 inches set in 1929.

Georgia: August, 2010 Monthly Percent of Normal Precipitation
Valid at 9/1/2010 1200 UTC- Created 9/1/10 16:11 UTC



Source: www.weather.gov

The highest single day rainfall from CoCoRaHS stations was 4.69 inches at Tybee Island on August 17. An observer in Cleveland in White County received 4.22 inches on the 22nd. The highest monthly rainfall total in August was 16.82 inches near Midway in Liberty County, followed by 14.55 inches from an observer near Sylvania in Screven County.

Scattered wind damage hit somewhere in Georgia on nine days during the month.

Small hail was reported near Atlanta on August 28. No tornadoes were reported in August in Georgia.

During August, weather conditions fueled the development of army worms, which some agricultural agents listed as the worst they had seen in 25 years. They devastated pastures and hayfields in locations across the state.