

November 2010 Climate Summary

Georgia Climate Summary for November 2010

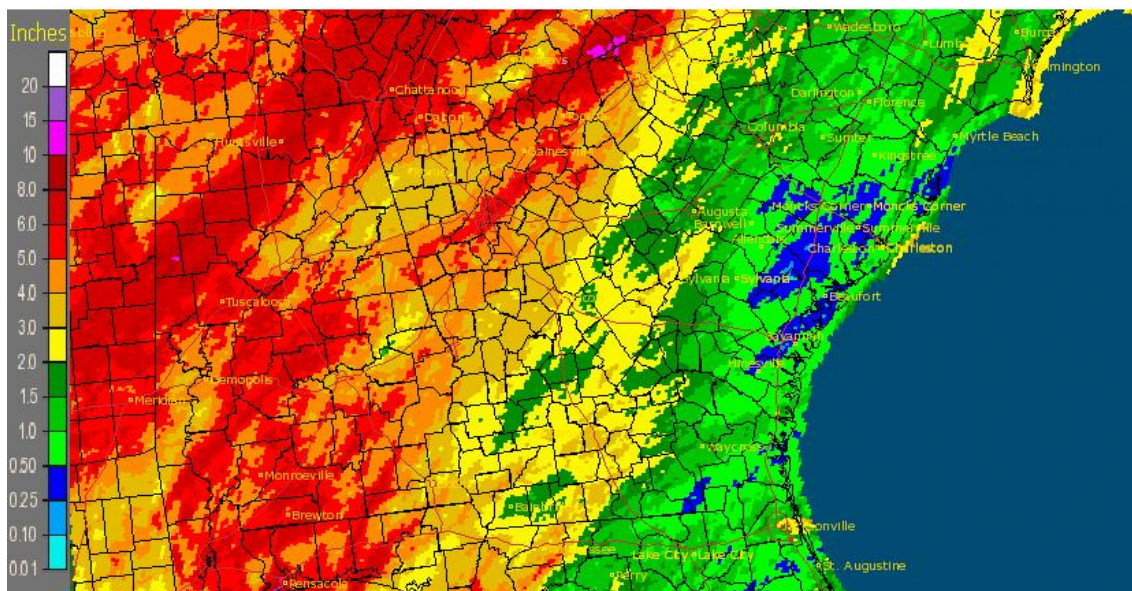
Prepared by Pam Knox, Assistant State Climatologist

November was near normal in temperature across Georgia. Rainfall ranged from wetter than normal in north Georgia to significantly below normal along the coast. Temperatures across the state were close to normal almost everywhere in Georgia this month. In Atlanta, the monthly average temperature was 54.6 degrees F (1.2 degrees above normal), in Athens 53.0 degrees (0.3 degrees above normal), Columbus 57.4 (0.7 degrees above normal), Macon 55.1 (0.0 above normal), Savannah 58.4 (0.3 below normal), Brunswick 61.8 (0.2 above normal), Alma 58.5 (2.2 below normal), Valdosta 60.5 (1.5 above normal) and Augusta 54.9 (0.5 above normal).

A few daily record high temperatures were set or tied this month. Alma experienced a record high of 82 on 11/23, breaking the old record of 80 set in 1958. Brunswick set a record high of 83 on 11/26, breaking the old record of 80 set in 1973.

Georgia's rainfall in November varied widely across the state. Areas in the northwestern half of the state were generally near to above normal. However, the southeastern half of the state, especially the coast, were well below normal and drought expanded in those regions during the month.

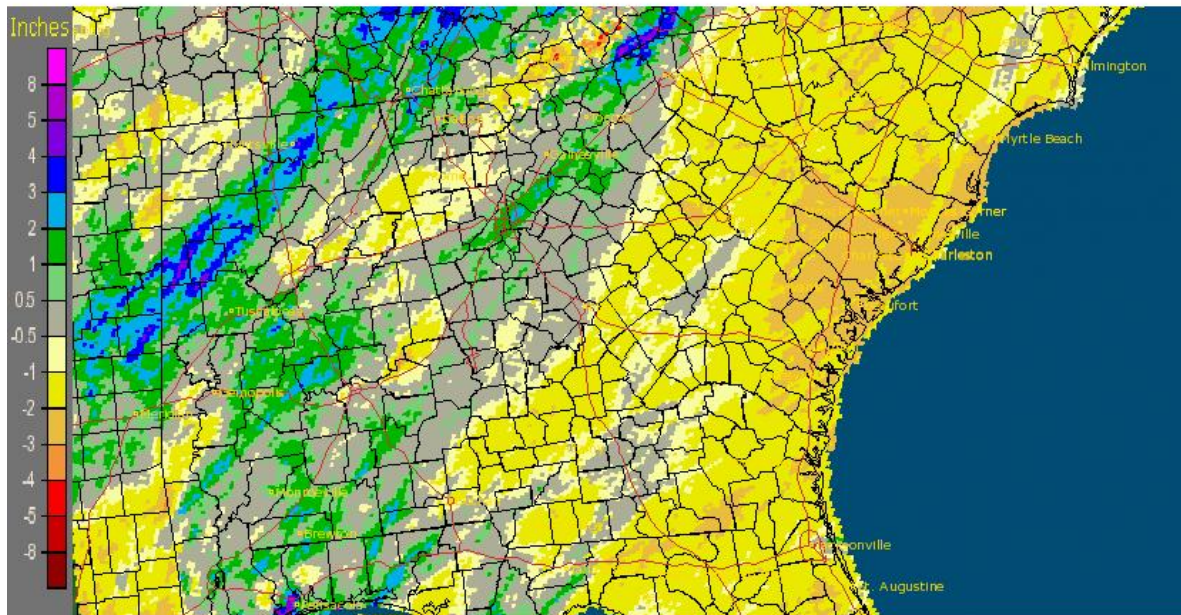
Georgia: November, 2010 Monthly Observed Precipitation
Valid at 12/1/2010 1200 UTC- Created 12/2/10 17:42 UTC



source: www.weather.gov

The highest monthly total from National Weather Service reporting stations was 5.48 inches in Atlanta (1.38 inches above normal) and the lowest was in Savannah at 0.31 inches (2.09 below normal). Athens received 4.91 inches (1.20 above normal), Brunswick 0.72 inches (1.77 inches below normal), Valdosta 1.15 (2.18 below normal), Columbus 3.82 (0.15 below normal), Macon 2.61 (0.62 below normal), Alma 0.67 (1.90 below normal) and Augusta 1.30 (1.38 inches below normal).

Georgia: November, 2010 Monthly Departure from Normal Precipitation
Valid at 12/1/2010 1200 UTC- Created 12/2/10 17:46 UTC



Source: www.weather.gov

The highest single day rainfall from CoCoRaHS stations was 3.81 inches near Dillard in Rabun County on November 30. An observer at Rabun Gap reported 3.24 inches and another observer east of Helen reported 3.11 inches on the same day. The highest monthly total was 6.11 inches at the same Dillard station that recorded the daily maximum value for the month.

The only severe weather that occurred in Georgia in November occurred on the last day of the month, when numerous reports of wind damage to buildings and trees was reported with the passage of a strong squall line and cold front through the state.

Localized flooding occurred along several rivers in north and central Georgia. Two tornadoes were observed with the storm passage. An EF-2 tornado damaged 56 houses in the Buford area in Gwinnett County, destroying one and heavily damaging 12 others. A weaker EF-0 tornado was observed in Henry and Butts Counties, damaging four homes and 200 trees along its 2.5 mile path. One fatality occurred in Gwinnett County during the height of the storm when a tree fell on a car traveling near Stone Mountain.

The U.S. Department of Agriculture announced in late November that all 159 counties of Georgia were eligible for disaster relief following the hot and dry conditions of the past few months. They estimated that 30 percent of the crops in Georgia this year were lost due to the detrimental weather conditions.

The first killing frost of fall hit large parts of the state during the first week of November. The dry conditions helped harvest move towards completion in many parts of the state. Pecan growers indicated that the dry conditions have reduced nut yield this year. Pastures in dry areas are also being adversely affected by the lack of moisture.