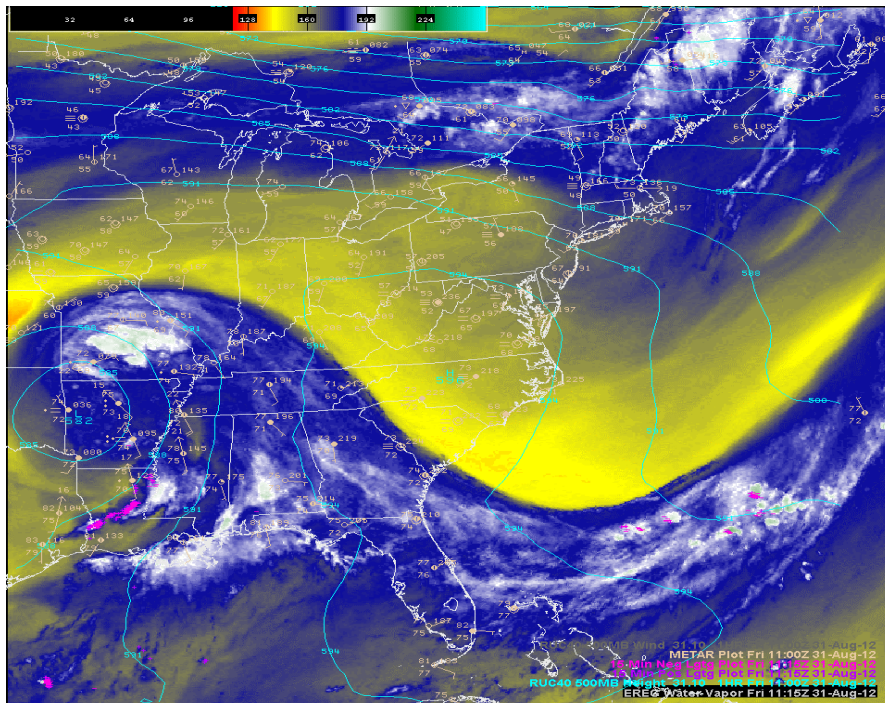


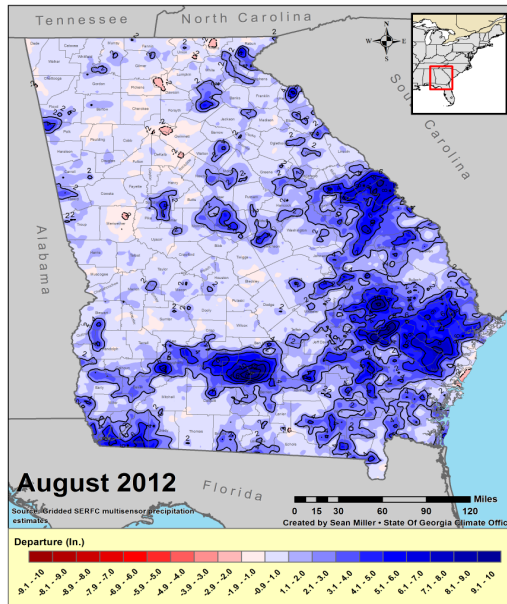
## August 2012 Climate Summary - Georgia

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A persistent upper level trough pattern over the eastern U.S. brought beneficial rainfall to many areas of the state during the month of August. Augusta recorded the 2<sup>nd</sup> wettest August on record and the 5<sup>th</sup> wettest month of all time, with rainfall totals of 12.28 inches recorded at Augusta Bush Field. This was 7.96 inches above the normal of 4.32 inches. Augusta also set a new maximum daily rainfall record on August 11<sup>th</sup> of 4.68 inches due to an area of strong convection passing through. Southern areas of the state also received additional rainfall from the outer bands of Hurricane Isaac during the latter part of the month. The track of Isaac remained westward of the state, but contributed significant precipitation to some areas of Georgia. The water vapor imagery below depicts the sharp contrast in air masses between Isaac and the dry air surrounding it as it lifted northward from the Gulf.



Several locations in southeast Georgia received over 10 inches of rain in August, including Nahunta and Cumberland Island, which received 10.90 and 11.87 inches, respectively. Training of convective cells associated with several surface boundaries across the area, as well as 19 days of light rain, gave Atlanta Hartsfield a near normal rainfall total of 3.89 inches for the month. Athens also recorded a near normal rainfall total of 3.23 inches, only 0.30 inches below the normal of 3.53 inches.



The rain and cloud cover kept temperatures slightly below normal across the state. The average monthly temperatures were in the upper 70's for several areas, including Macon, Augusta, Athens and Atlanta (79.5°, 78.8°, 77.8°, and 79°, respectively), which were slightly below normal. A brief period of heat allowed Atlanta Hartsfield to set a record high of 99° on August 2<sup>nd</sup>. This tied the old record of 99°, set in 1957. A record low temperature of 60° degrees was set at Athens on August 12<sup>th</sup>. This broke the old record of 61°, set in 1967. The monthly maximum and minimum temperatures across the state are provided below.

