

September Climate Summary - Georgia

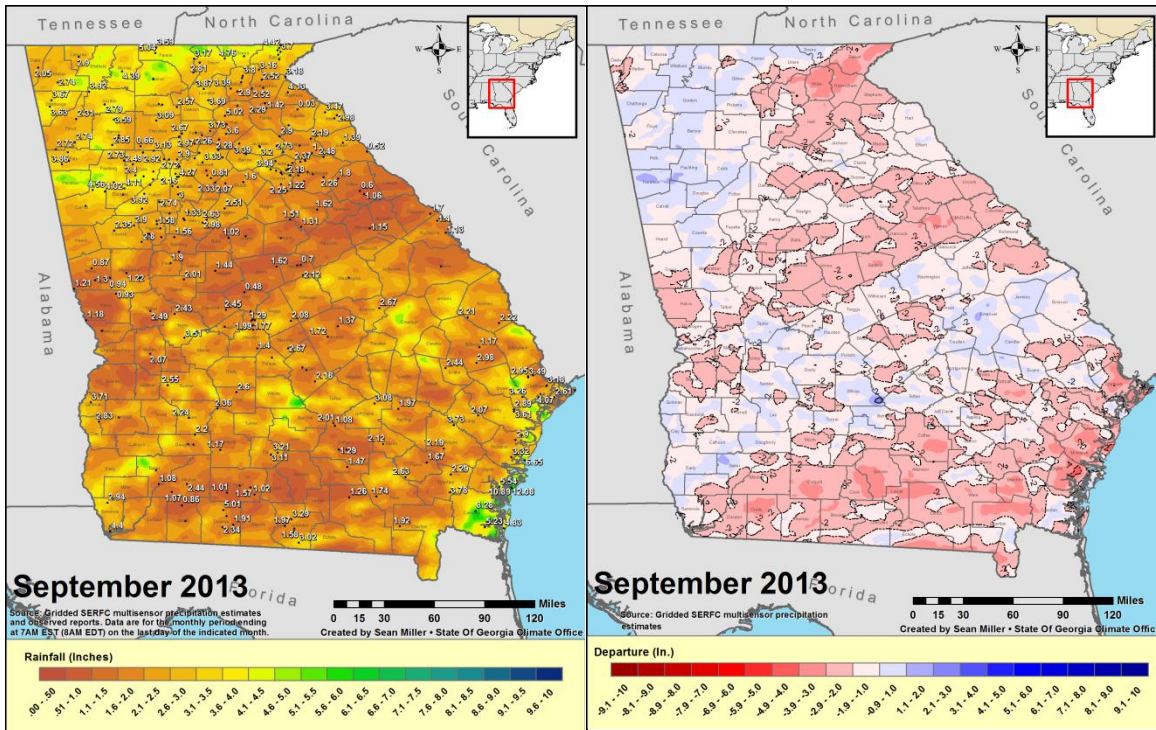
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State of Georgia Climate Office

Precipitation

Many areas saw below normal rainfall during the month with the exception of portions of the northwest and south central. Surpluses in these areas ranged from 1 to 1.5 inches, with isolated 2 inch amounts. Deficits across the remainder of the state averaged 1 to 2 inches, with isolated 3 to 4 inch areas. Among the drier locations were the northeast Georgia Mountains, the fall line region, and along the coast. A notable wet period affected portions of the state from the 21st through the 26th in association with a cold front which later became stationary across the south.



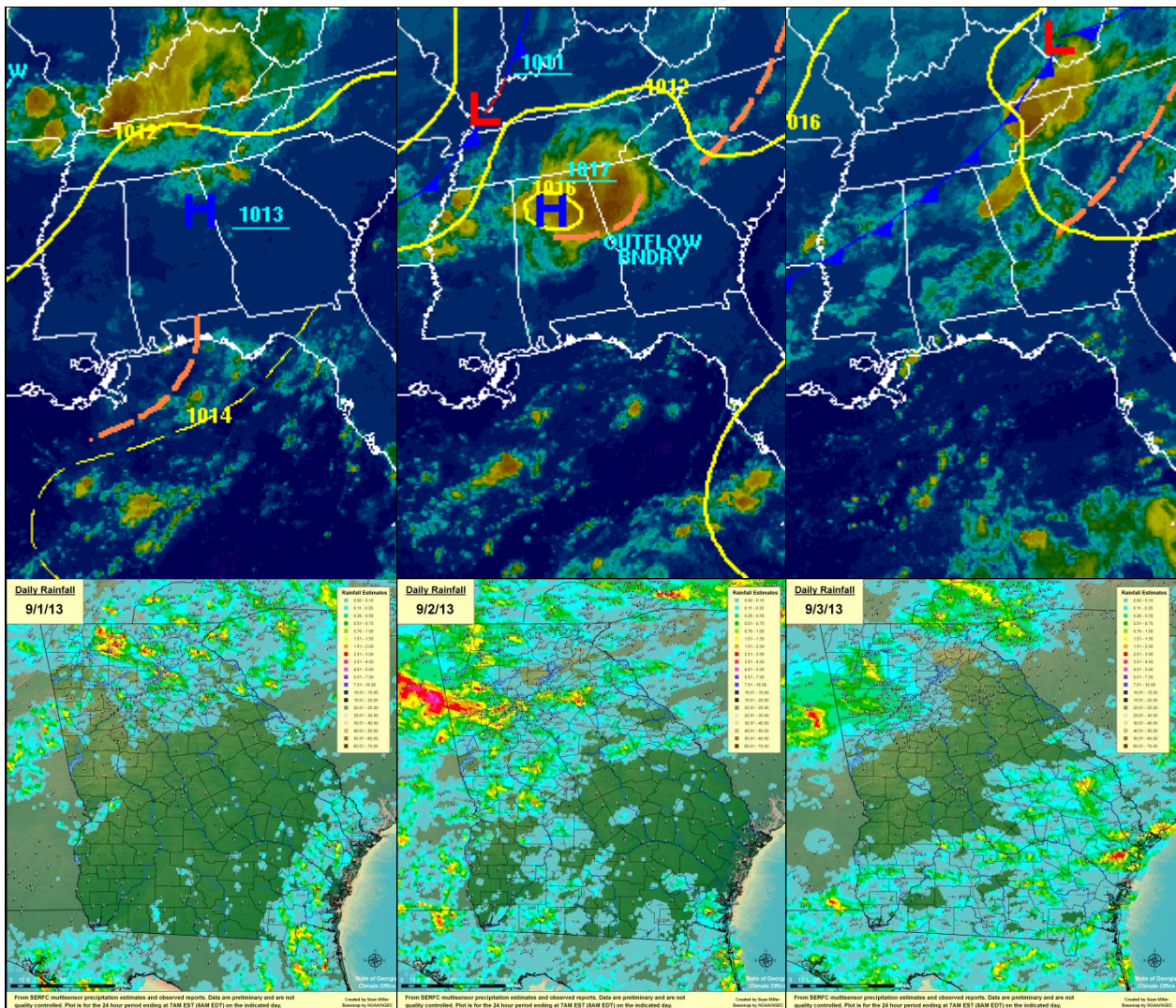
Greatest daily rainfall totals:

	Location	Amount	Date
1	SAPELO ISLAND	4.59	2013-09-26
2	VILLA RICA 2.6 NNW	3.36	2013-09-02
3	WOODBINE	3.02	2013-09-18
4	DARIEN 2.7 NE	2.90	2013-09-18
5	BRUNSWICK MALCOLM MCKINNON AP	2.88	2013-09-24

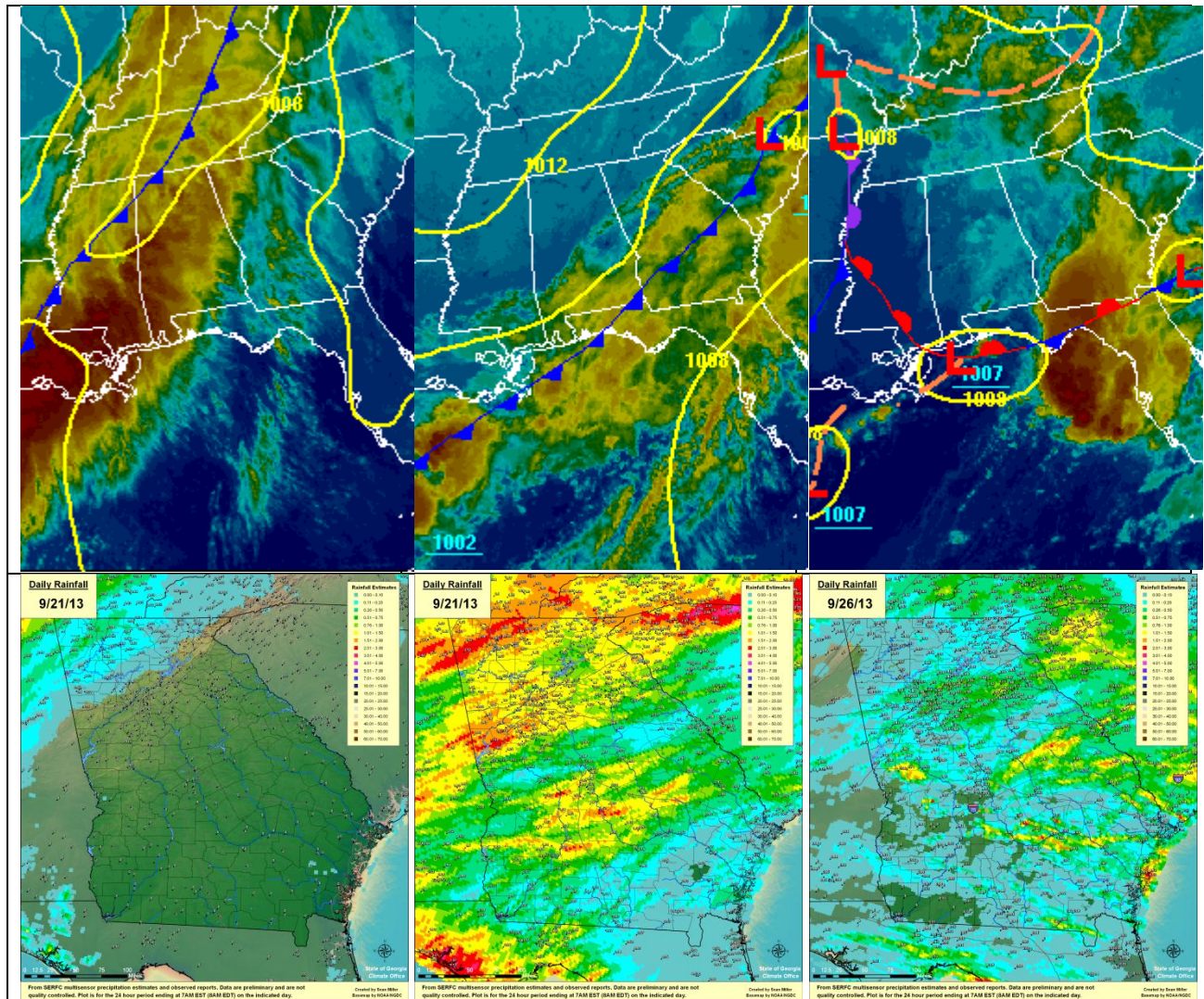
Greatest monthly rainfall totals:

	Location	Amount
1	ST. SIMONS 1.1 SW	12.08
2	BRUNSWICK MALCOLM MCKINNON AP	10.89
3	WOODBINE	8.28
4	SAPELO ISLAND	6.65
5	BRUNSWICK	5.54

The month started on a wet note across the north, with scattered thunderstorms on the 1st, followed by heavier and more widespread rainfall on the 2nd and 3rd. A daily rainfall total of 3.36 inches was observed near Villa Rica during this event on the 2nd, with this being the second greatest 24 hour total reported in the state during September. The focus for heavier rainfall gradually shifted into south Georgia through the 8th as a cold front drifted southward.

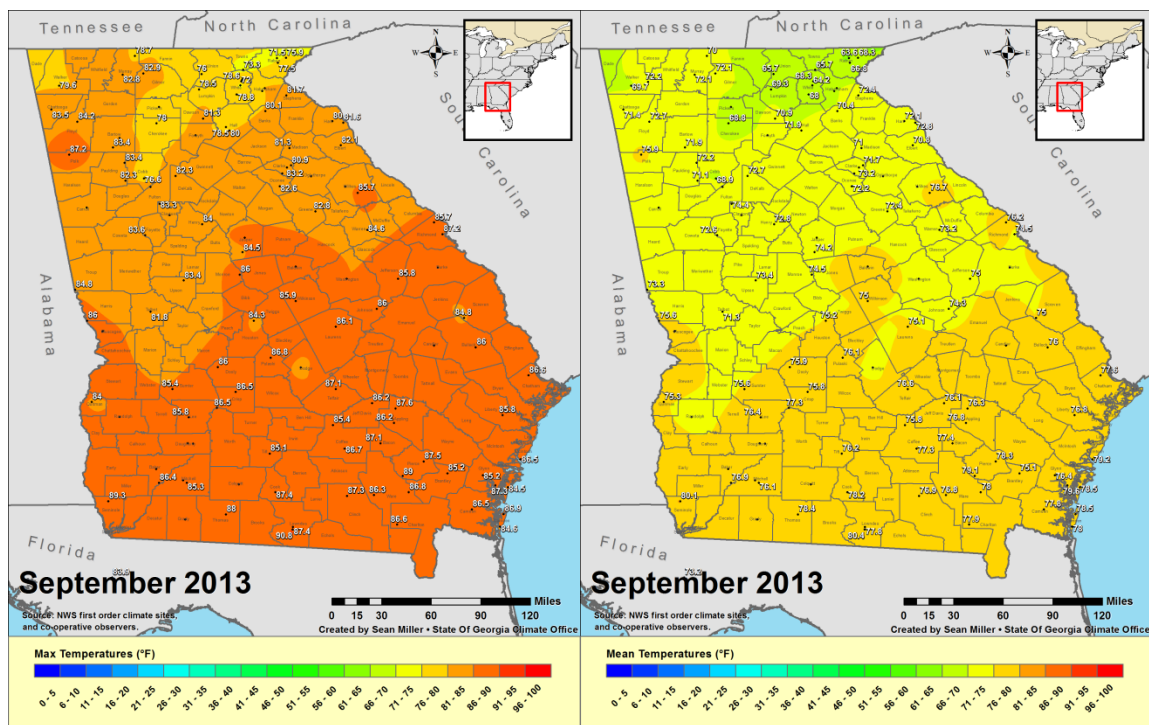


After a relatively dry period from the 9th through 12th a cold front brought renewed convection and rainfall to the north on the 13th, with generally lighter amounts across the central and south through the 16th. Isolated heavier rainfall amounts were reported in Wilcox (17th) and Camden (18th) counties before the front finally exited the state on the 19th. A notable wet period affected portions of the state from the 21st through the 26th as an initially progressive front became stationary across the south. The greatest daily rainfall amount during the month was reported at Sapelo Island, where 4.59 inches fell on the 26th. This is also the 2nd greatest amount at Sapelo Island for any calendar day in September, falling just short of the record amount of 4.70 inches which occurred in both 1984 (28th) and 1959 (13th). The month closed on a quiet note, with generally dry conditions from the 27th through the 30th.



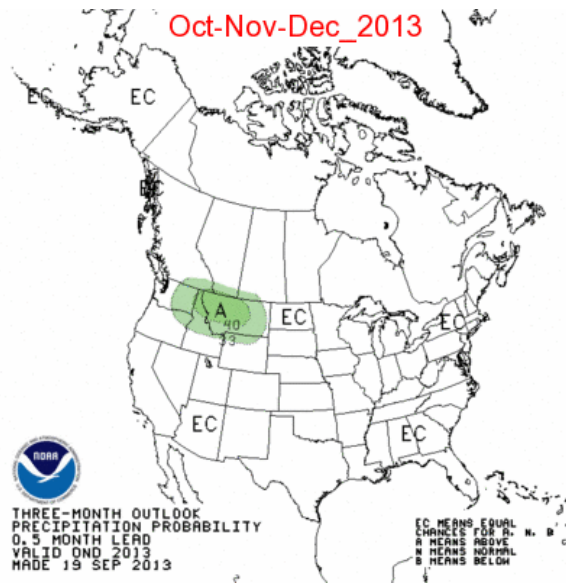
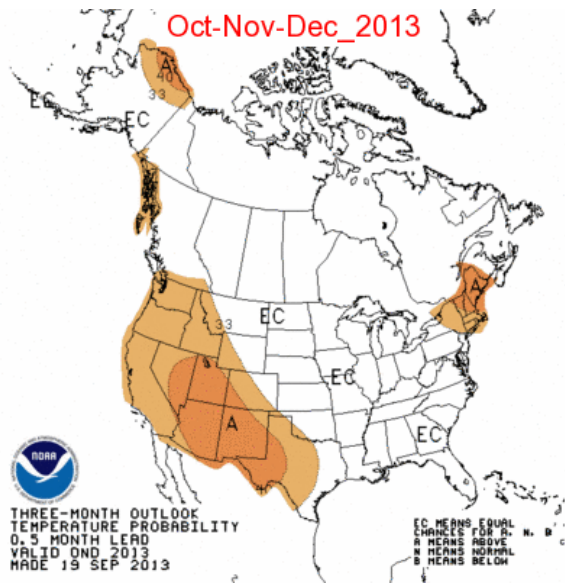
Temperatures

Average temperatures were near normal across much of the state for September, with slightly above normal temps in cities such as Atlanta and Columbus. The average temperature in Atlanta was 74.4° or 0.9° above normal. The average in Columbus was a bit warmer at 77.9° or 1.3° above normal. The Augusta area began the month with warmer temperatures before settling into a cooler pattern by the end of the month. The average temperature at Augusta Bush Field was 74.5° or 0.1° below the normal of 74.6°. The highest maximum temperatures across the state were in Valdosta and Waycross, which reached 99° and 97°, respectively.



Seasonal Outlook

The three month seasonal outlook from NOAA's Climate Prediction Center reflects an equal chance of above, below or normal temperatures and precipitation across much of the Eastern U.S. and the Southeast. ENSO-neutral conditions continue in the equatorial Pacific and are forecasted to remain as such through spring of 2014.



Location	Avg. Maximum Temperature (departure) Ranking*	Avg. Minimum Temperature (departure) Ranking*	Mean Temperature (departure) Ranking*	Total Rainfall (departure) Ranking*
Atlanta	83.3 (+1.1) T-44th warmest	65.5 (+0.7) T-47th warmest	74.4 (+0.9) T-43rd warmest	2.74 (-1.73) 59th driest
Athens	83.2 (-0.8) T-56th warmest	63.2 (+0.5) T-58th warmest	73.2 (-0.1) T-53rd warmest	2.42 (-1.52) 54th driest
Augusta	87.2 (+0.5) T-37th warmest	61.8 (-0.8) 15th coldest	74.5 (-0.1) T-53rd coldest	1.13 (-2.09) 24th driest
Columbus	87.4 (+1.0) T-17th warmest	68.4 (+1.7) T-11th warmest	77.9 (+1.3) T-14th warmest	1.17 (-1.89) T-11th driest
Macon	85.7 (-0.4) T-49th coldest	63 (-0.9) T-20th coldest	74.4 (-0.6) T-39th coldest	1.77 (-1.82) T-41st driest
Savannah	86.7 (+0.6) T-36th warmest	68.8 (+0.9) T-68th warmest	77.8 (+0.8) T-46th warmest	1.78 (-2.99) T-17th driest