

Region 1 Fire Danger Outlook

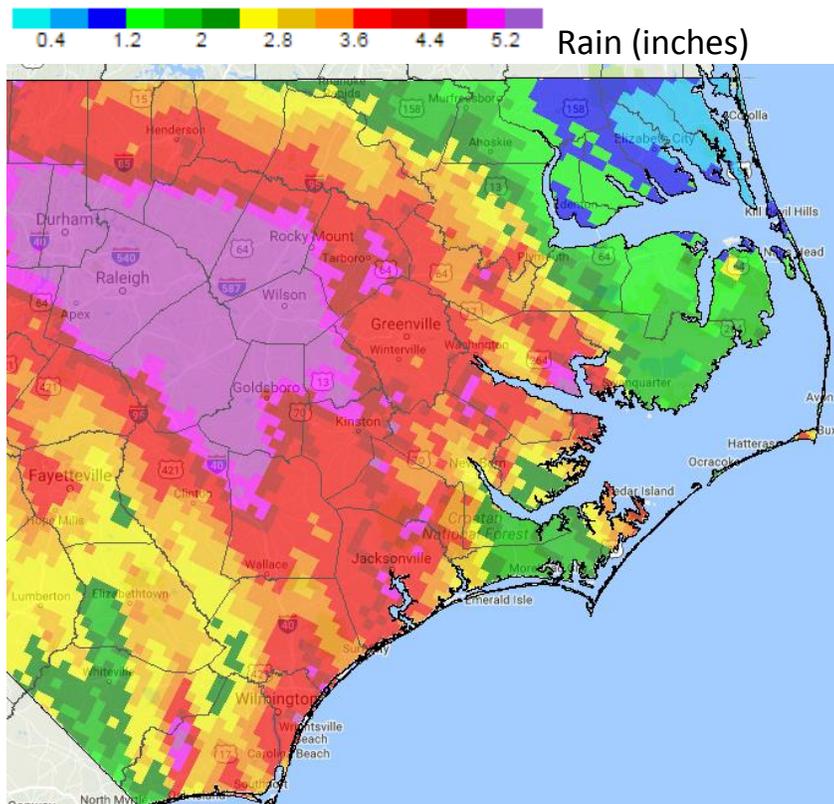
5/1/17, 1800

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Weather Outlook

- A cold front will move thorough from the west tonight and move off the coast Tuesday morning. A secondary dry front will move through Tuesday night followed by high pressure Wednesday. A strong and slow moving low pressure area will affect the region Thursday and Friday. High pressure will build in behind the front over the weekend. For May 9-15, there is a 40-50% chance of **below** normal precipitation for counties that touch R-2 (plus Gates), and equal chances of **above or below** normal precipitation for the remainder of the counties in the Region.
- Minimum RH will generally be in the low 30s Tuesday and Wednesday, rebounding to the 50s on Thursday and Friday before falling back to the mid 30s to low 40s for the weekend and Monday. RH Recovery will be excellent except moderate to good on Tuesday night.
- Winds will be SW 10-20 with gusts to 25 before frontal passage. They should decrease later tomorrow afternoon and be light and variable until Thursday when they will be W-NW at 5-15 MPH. Mixing heights will be 6-7,000 feet with transport winds of 18-28 MPH both days.
- Temperatures will be in the 70s to low 80s on Tuesday through Thursday, then dropping to the low to mid 70s for the remainder of the period. Lows will be in the 60s until Saturday, when they will be in the low 50s-low 60s for the remainder of the period. For May 9-15, there is a 40-50% chance of **below** normal temperatures.

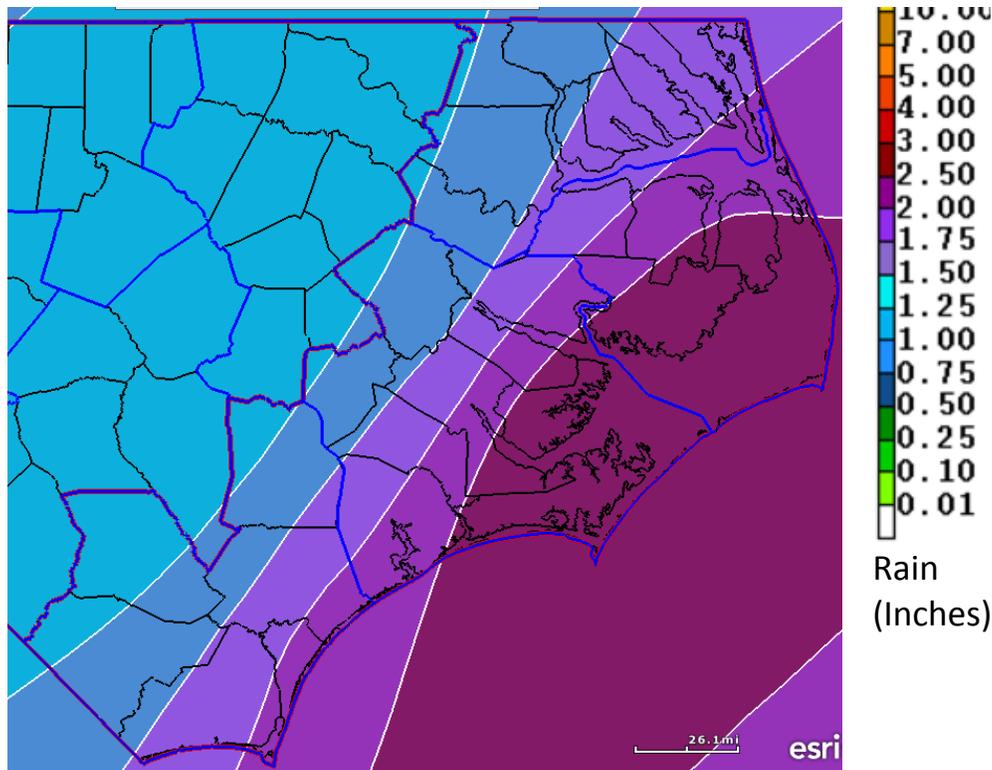
Precipitation Estimates for April 25th, 0700 to May 1, 0700



Everyone except the NE corner got at least 1", with many areas getting 2+"

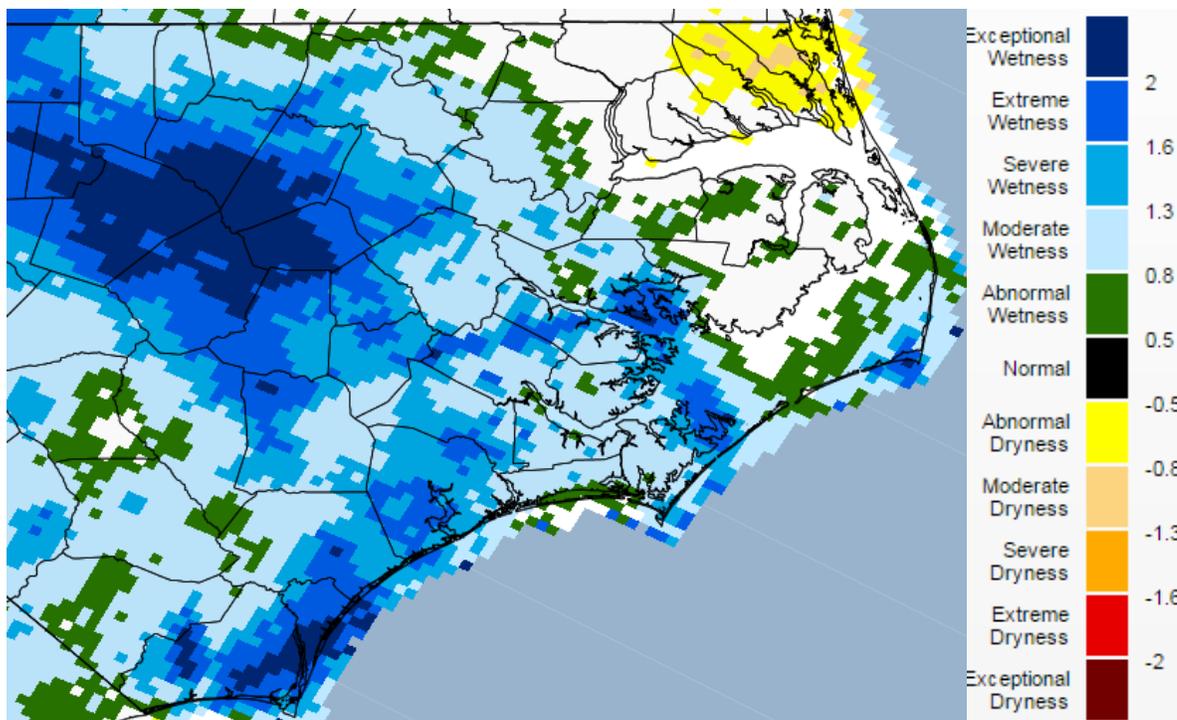
NOTE: The scale on the legend for this map may change from week to week. In other words, the colors may represent different rain amounts from week to week.

Forecast Precipitation, May 1, 20:00-May 8, 20:00



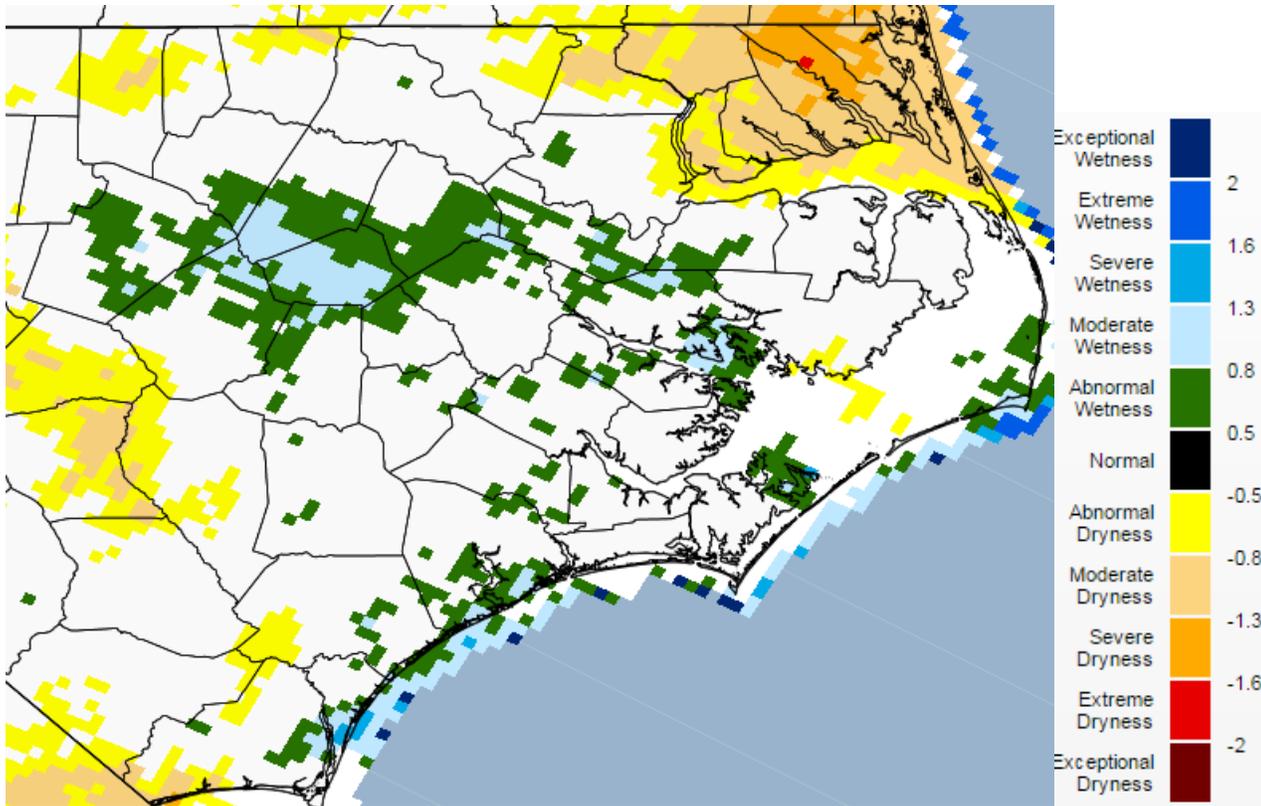
Expect .25-.75" tonight, then mostly dry until Thursday and Friday, when another .5-1.5" will be seen. The weekend is looking good at this point with little chance of rain after early Saturday morning. Rain every 3-4 days generally keeps fire danger low.

30 Day SPEI



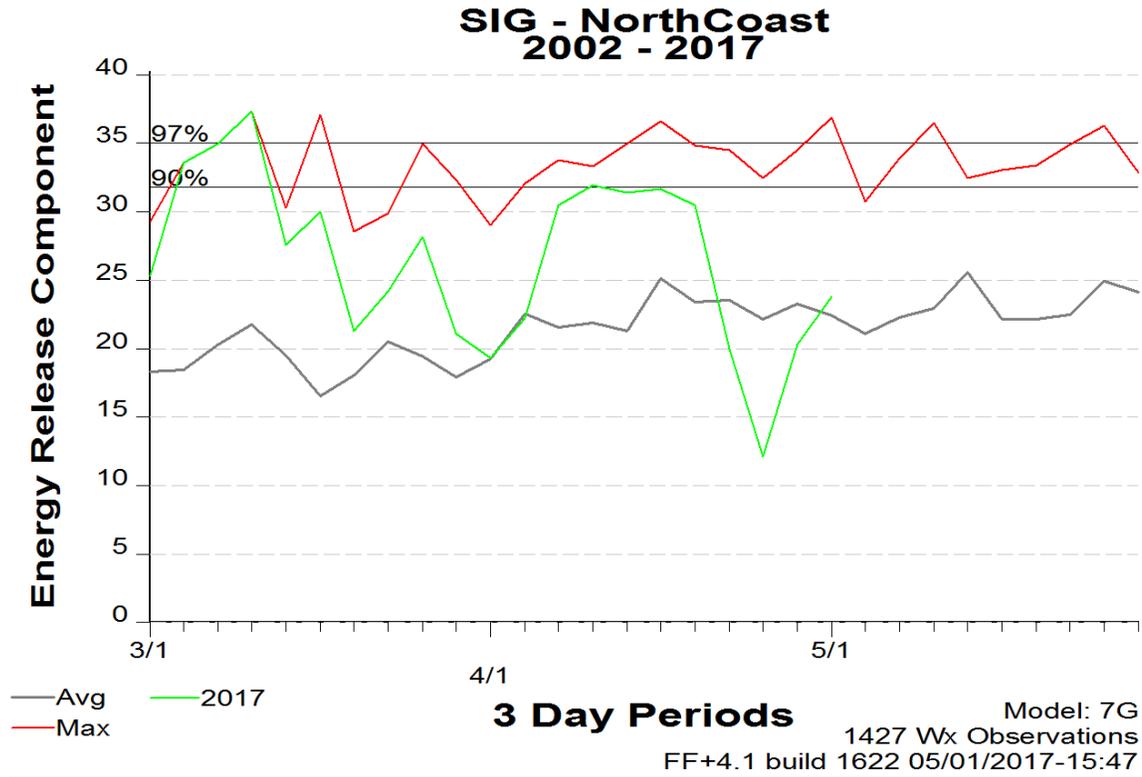
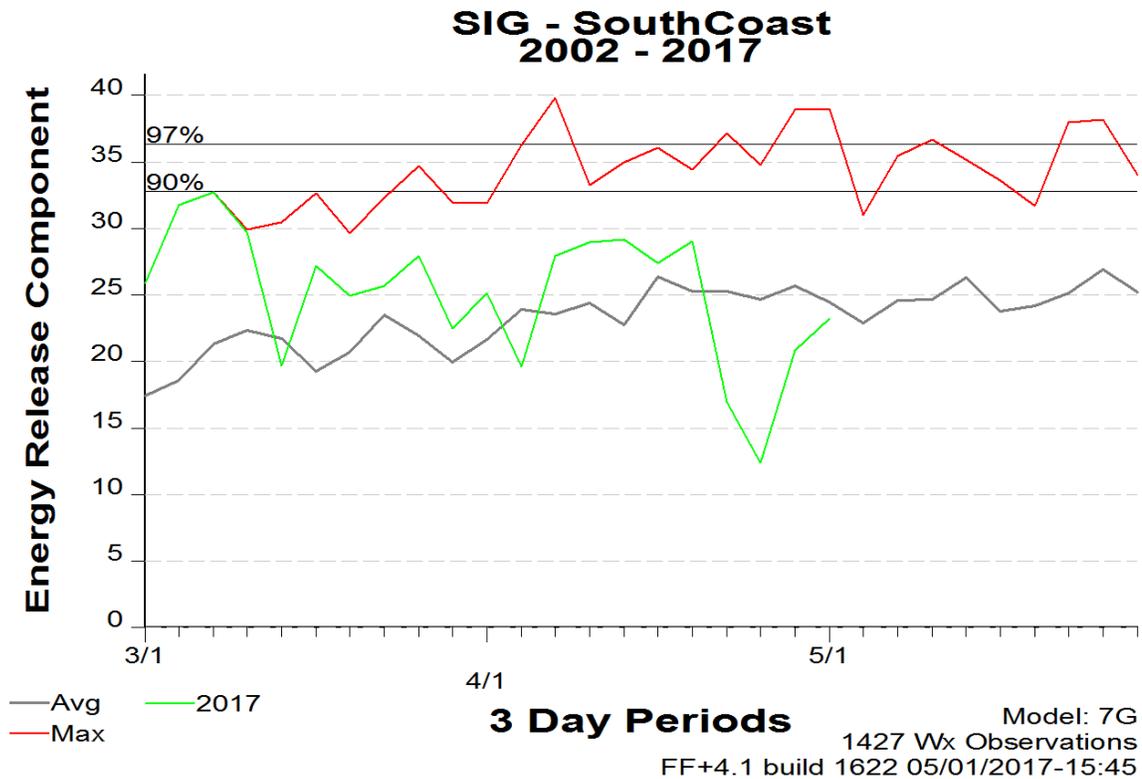
Parts of D-7 looking a little dry, but the rest of the Region is looking normal to wet due to rains the past 2 weeks. Remember, SPEI utilizes temperature as a calculation input. Temperature will play a larger factor in monitoring for possible drought intensification by heat as we head into late spring and summer. For a definition of this index, go to <http://climate.ncsu.edu/water/map/aboutThisPage.html>

90 Day SPEI



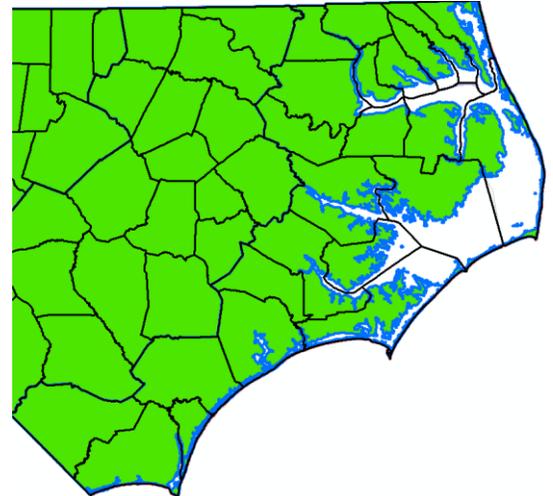
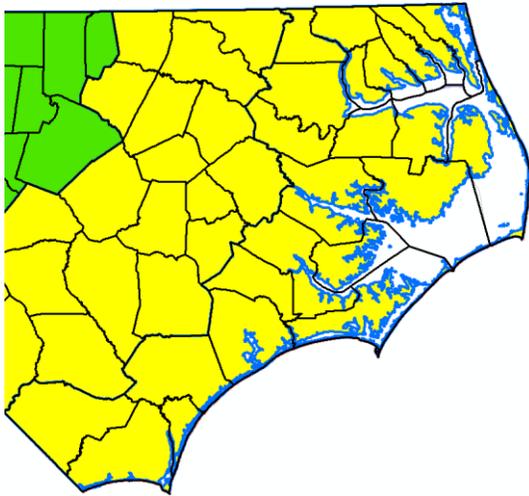
Moving out to 90 days, much of D-7 and a few spots in D-8 are still dry, with the remainder of the region being normal or wet.

ERC Trends



Both FDRAs are near average for ERC for this time of year. ERCs may be suppressed tomorrow, then climb possibly above average until the next rain Thursday and Friday.

Seven Day Significant Fire Potential Outlook

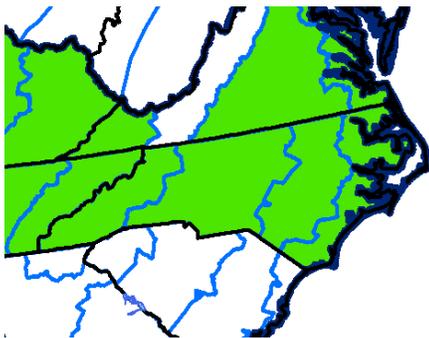


Tuesday and Wednesday

Thursday-Sunday

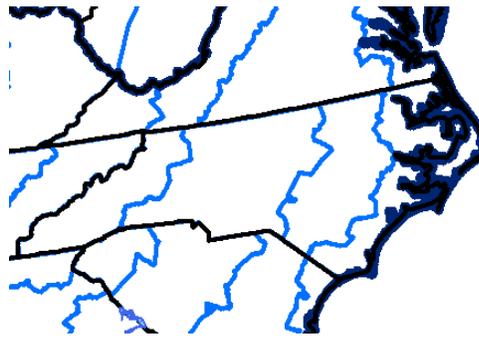
One Month and 3 Month Significant Fire Potential Outlook

May 2017



Below normal for May. Of course, this does not mean there will be no fires or significant fires. With 6-7 consecutive dry days, an area can experience a significant fire at this time of year.

June-August 2017



Normal for the summer. However, south Georgia and much of Florida are dry now and expected to stay that way for the entire summer, while the western US, except parts of N California and much of Nevada, are on track to have normal or even below normal fire seasons through August.

