

Region 1 Fire Danger Outlook

5/12/18

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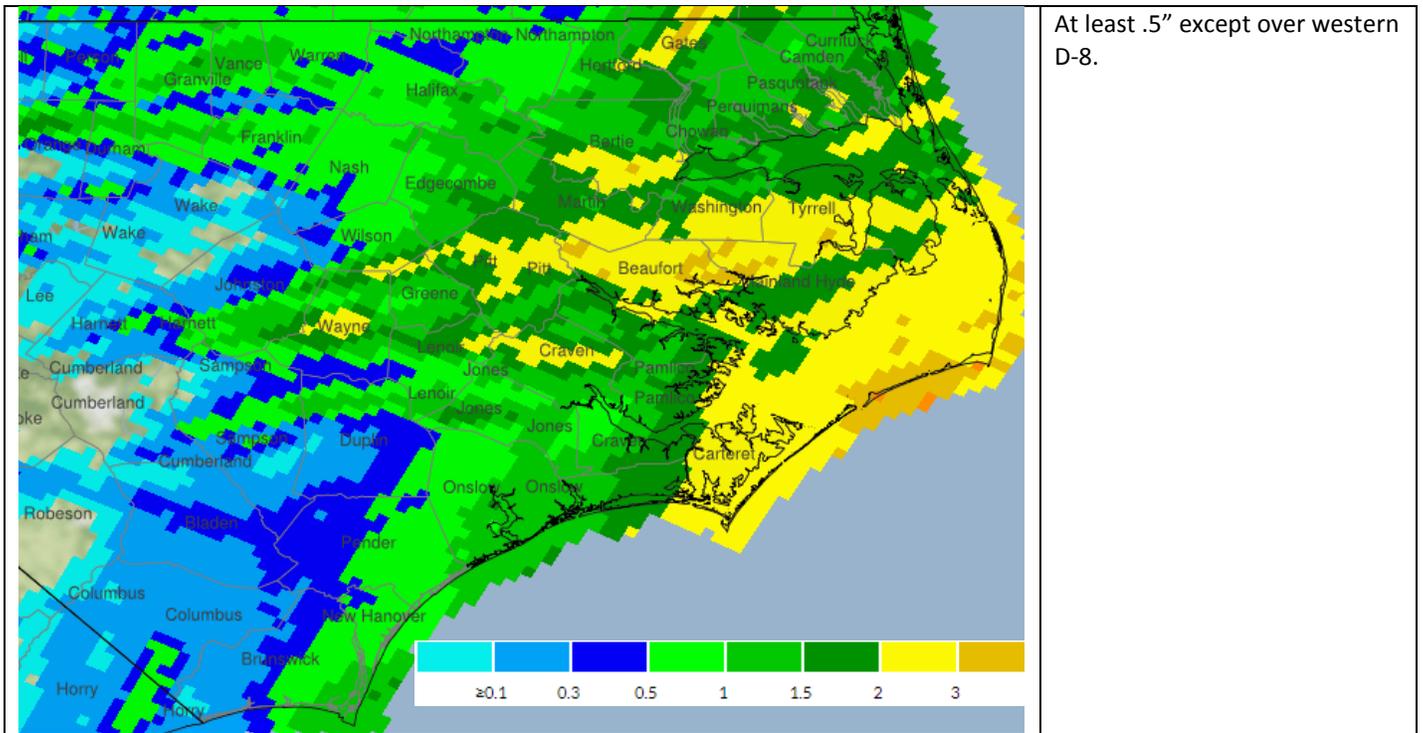
Weather Outlook

- Hot weather will continue this weekend as Bermuda high pressure remains offshore. The potential for wet weather will increase beginning Tuesday as low pressure over the Gulf of Mexico lifts northward. Caribbean moisture brought into the Carolinas should provide good chances of showers and thunderstorms through the end of next week, along with slightly cooler temperatures. For May 19th-May 25th, there is 50-60% chance of **above** normal precipitation.
- Minimum RH will generally be in the upper 30s to low 40s today, with low to mid-40s tomorrow. Expect 50s and 60s for the remainder of the period. Nighttime recovery will be excellent, in the 90-100% range.
- Winds will be S/SW 5-12 MPH today and tomorrow, with gusts to 20 near the shore. Expect winds 5-10 MPH from the SW for the remainder of the period. Mixing heights of 5,000-7,000 feet for today, with transport winds S/SW 6-13 MPH. For tomorrow, mixing heights are predicted to be highly variable over short distances, with a 2300-8000 feet range. Transport winds are predicted to be S/SW at 8-12 MPH.
- High temperatures will be in the mid-80s to low 90s through Monday. For the remainder of the period, expect low to mid-80s. Lows will be in the 60s. For May 19th-May 25th, there is a 40-60% chance of **above** normal average temperatures.

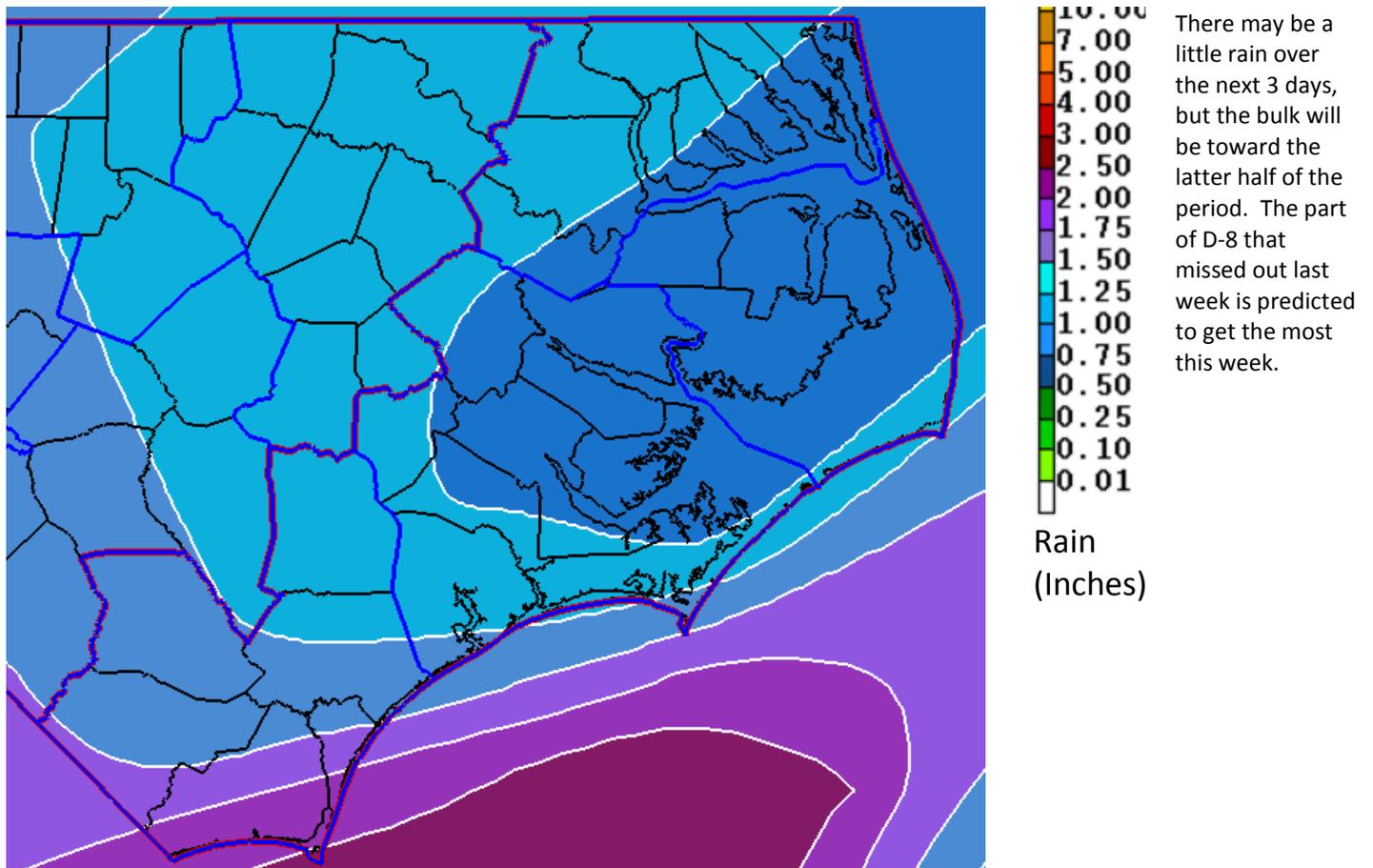
Fire Activity (does not include federal ownership)

5/6-5/12	<u>Number</u>	<u>Acres</u>
Wildfire	2	0.2
Prescribed Fire	7	1,114

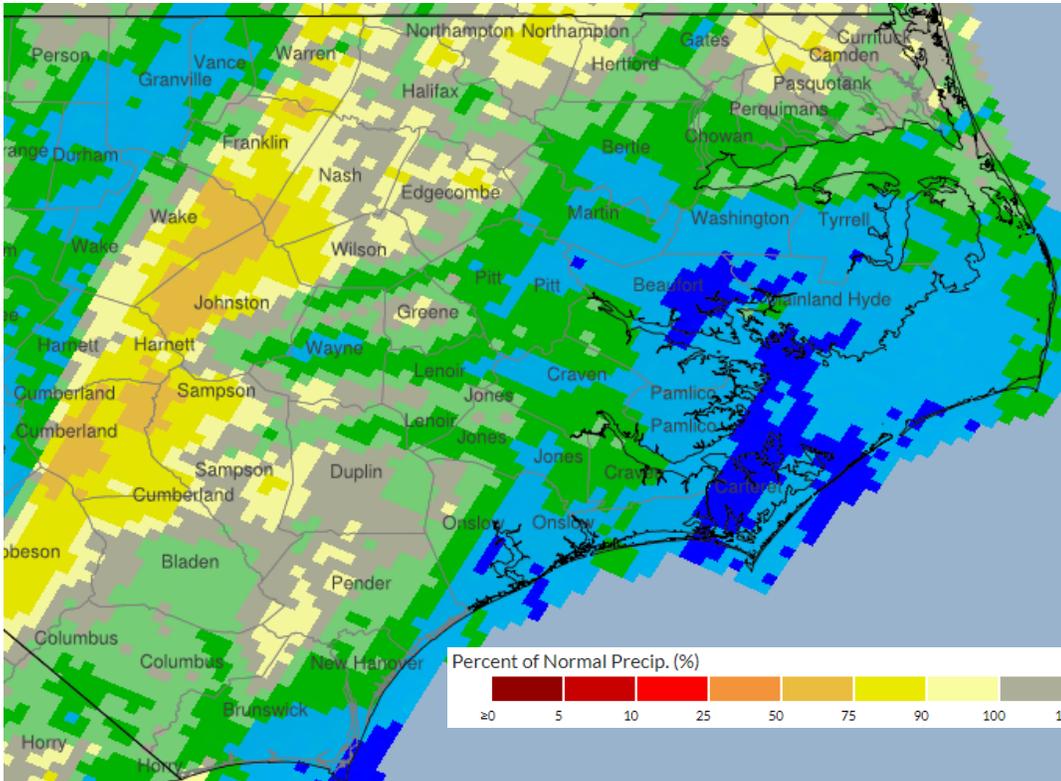
Precipitation Estimates for May 5th, 0800 to May 12th, 8:00



Forecast Precipitation, May 15th, 0800 to May 19th, 0800

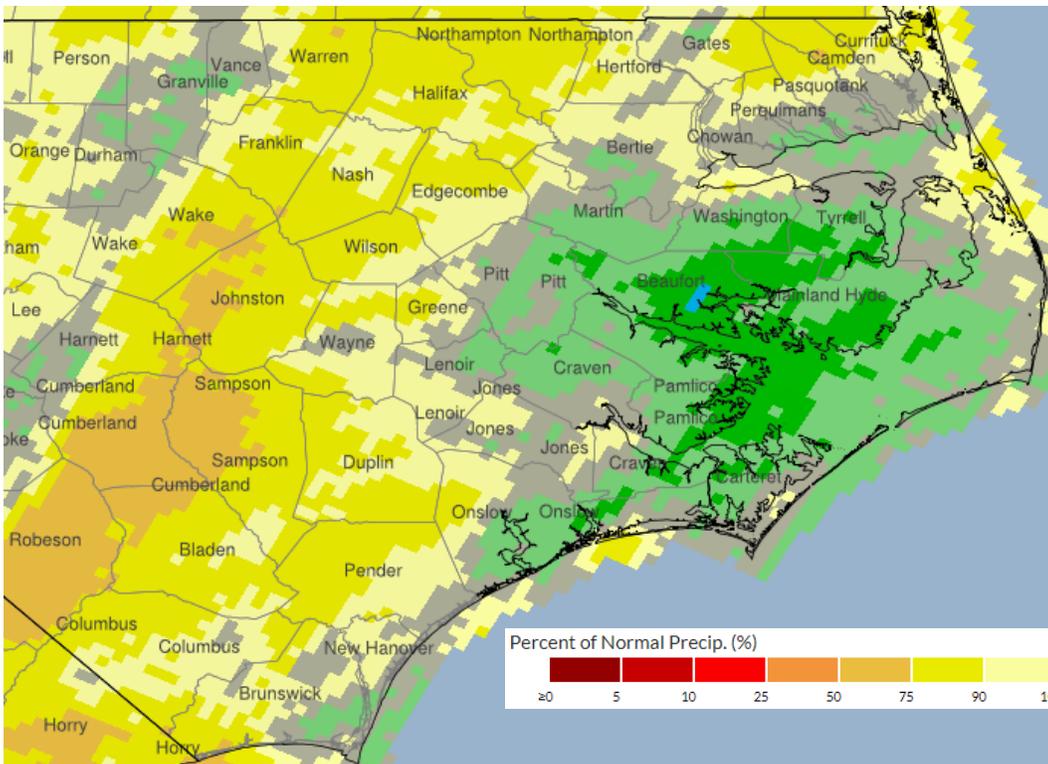


30 Day Percent of Normal Precipitation



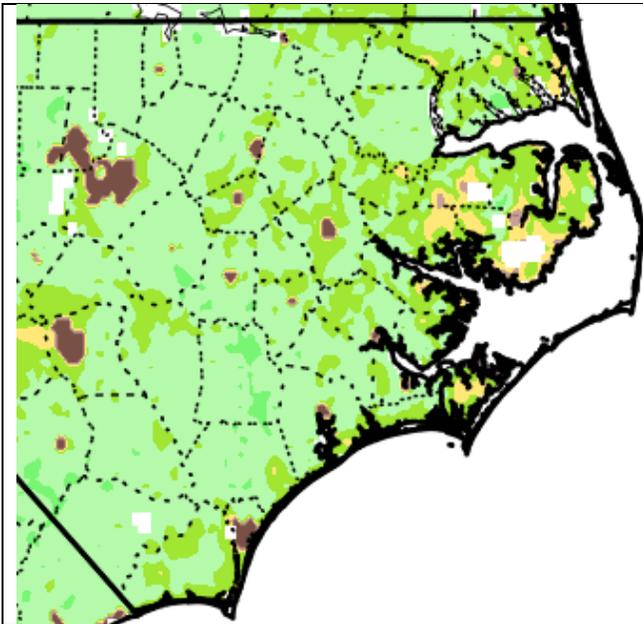
Smatterings of short term dryness, particularly in D-7, but at least 75% of normal over the entire region.

90 Day Percent of Normal Precipitation

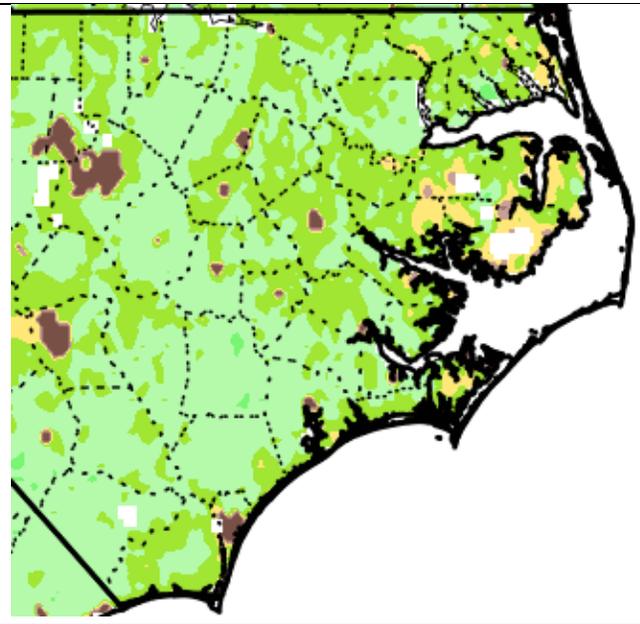


At the longer term, a few more areas showing below normal. The 6 month map shows most of the region below normal, but still at least 50%.

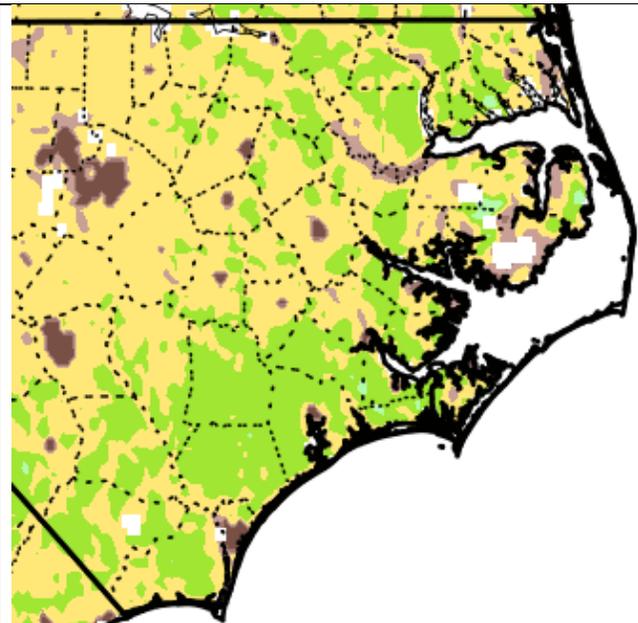
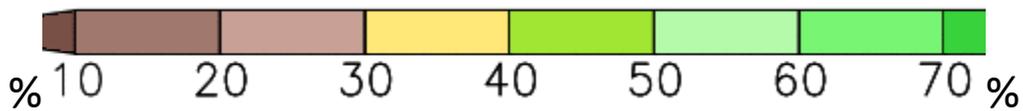
Green Vegetation Fraction (%)



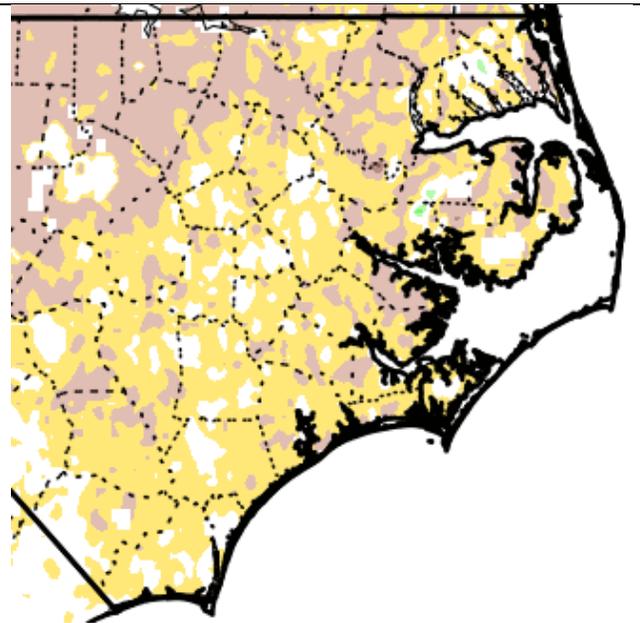
May 9th



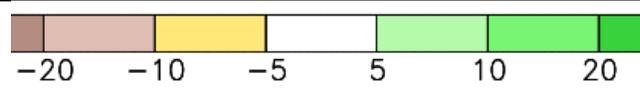
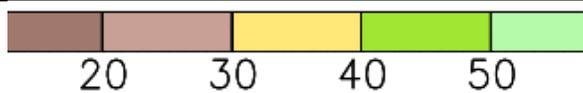
Last week



April 12th

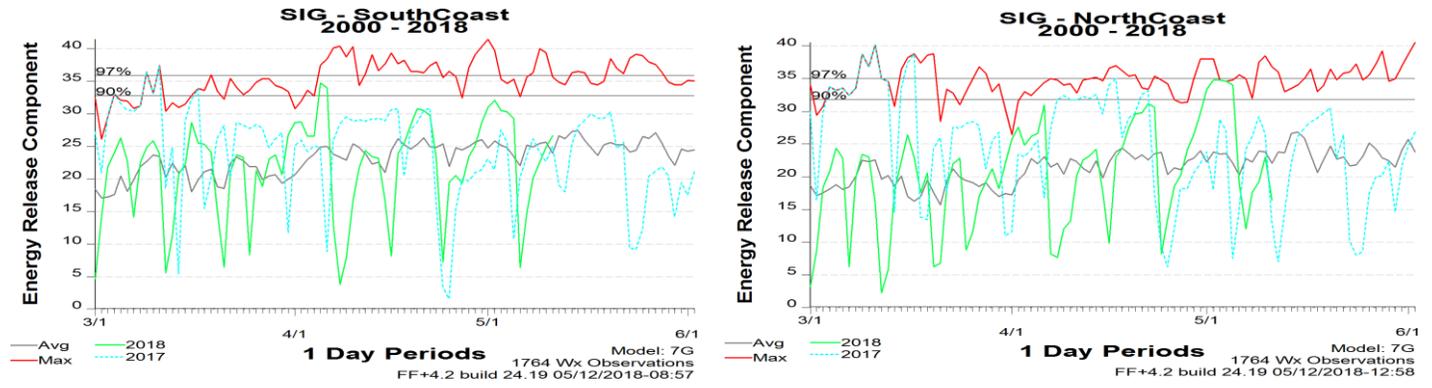


% change compared to 5/9/17



Still behind last year, but most of the region is in the 50%+ green area. Remember, dark brown at this time of year indicates urban areas and white is large water bodies, except on the change map where white indicates less than a 5% change from year to year. You will notice I used May 9th instead of today. Upon examination of the maps generated, I noticed that the northern part of the region has retreated significantly in greenness the past few days. This may be a website or satellite error. Regardless, the current map is not a good representation of greenness, therefore, I used a slightly dated map.

ERC Trends



ERCs are running about normal to slightly below normal. ERCs should remain steady or climb slightly with higher humidity and possibly some light rain for the next few days, then drop later next week with expected rain.

Seven Day Potential for a Significant Fire

Little to no chance of a significant fire over the next 7 days.