

Region 1 Fire Danger Outlook

5/21/20. Covering the period 5/22-5/28/2020

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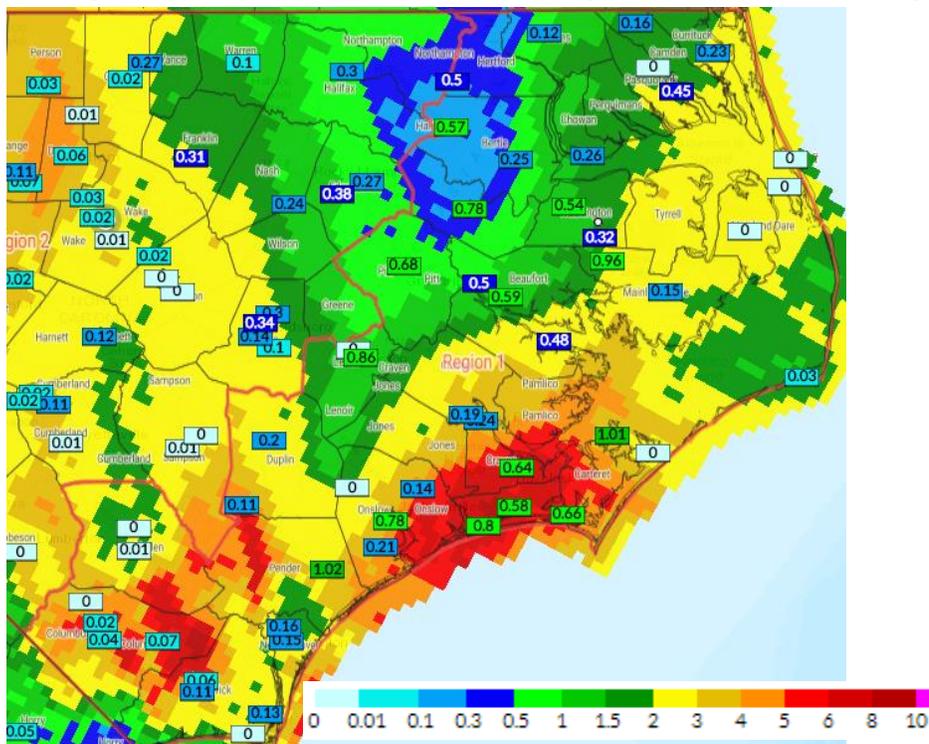
Weather Outlook

- An area of low pressure will continue to move slowly across the Tennessee Valley and into the Mid-Atlantic states through Friday. Unsettled weather continues into the beginning of the weekend, before high pressure and drier conditions arrive for the end of the weekend into early next week. For May 28-June 3, there is a 33-40% chance of **above** normal precipitation.
- Minimum RH will in the mid-50s to upper 60s for the entire period. Nighttime RH recovery should be excellent through the period.
- Winds will be S/SW at 5 MPH with gusts up to 14 MPH for tomorrow and Saturday. For the remainder of the period, expect 5-10 MPH. Mixing heights for tomorrow will be 4,000-6,000 feet with transport winds S/SW at 14-20 MPH. For tomorrow, mixing heights will be 5-7,000 feet with transport winds W at 10-16 MPH.
- High temperatures will be in the upper 70s to mid-80s for the entire period, except D-7 which will be mid-70s to low 80s. Lows will be in the upper 50s to upper 60s for the entire period. For May 28-June 3 there is an equal chance of **above or below** normal temperatures.

Fire Activity (does not include federal ownership)

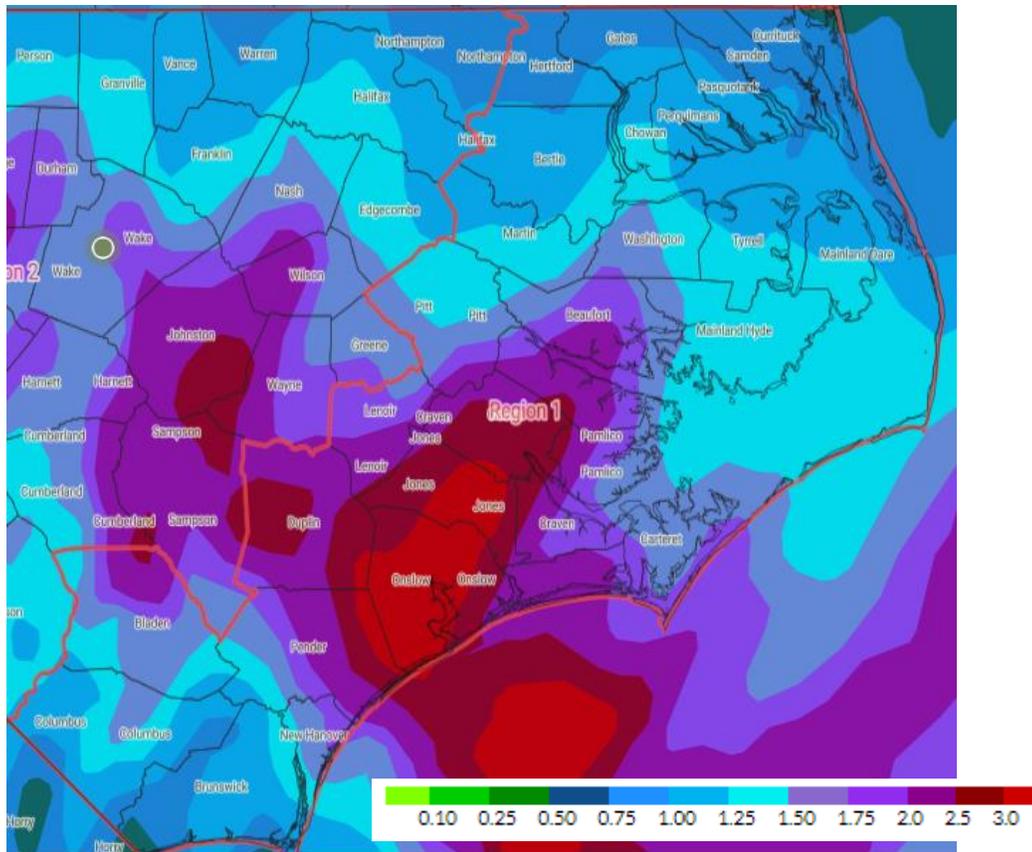
5/14-/5/20	Number	Acres
Wildfire	11	8
Prescribed Fire	1	4

Precipitation Estimates for May 14, 0800 to May 21, 0800



Highly variable from less than an inch to over 8". It was grossly underpredicted since the "cutoff" low was not in the forecast last week. The gridded data represent May 14th through 0800 this morning, while the number represents what has fallen between 1000-1600 today.

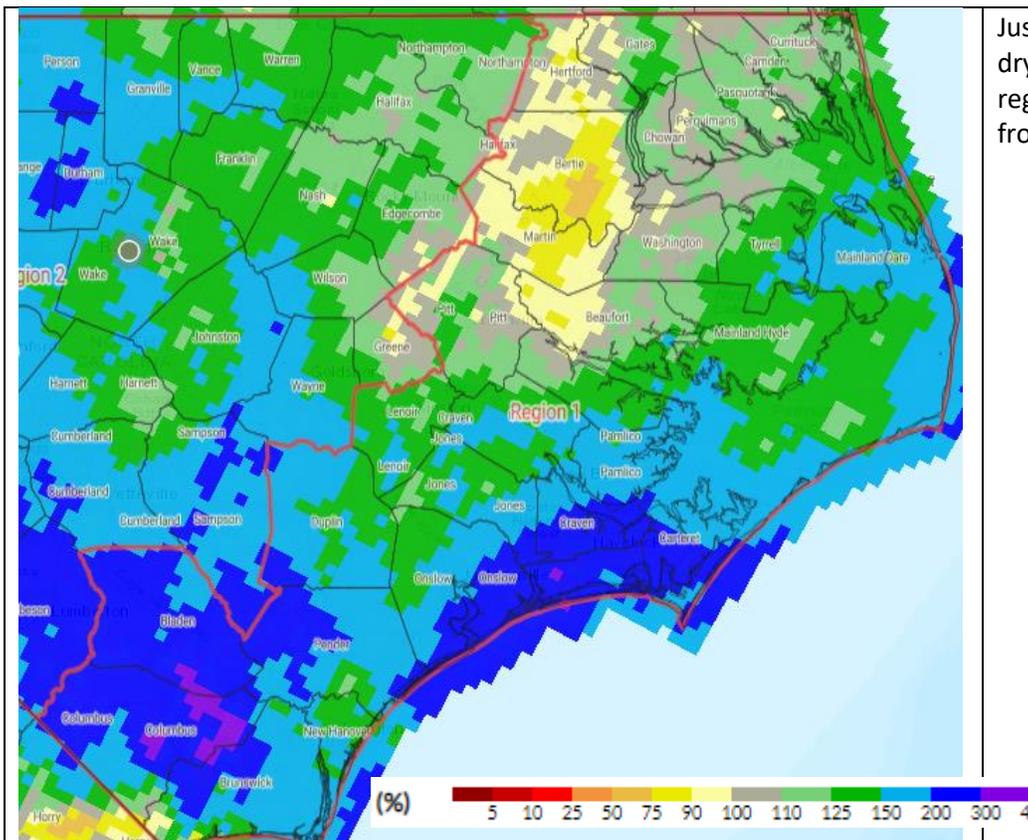
Forecast Precipitation, May 21, 0800 to May 28, 0800



Most of this rain fell or will fall today and tomorrow. Very little predicted after tomorrow for the remainder of the period.

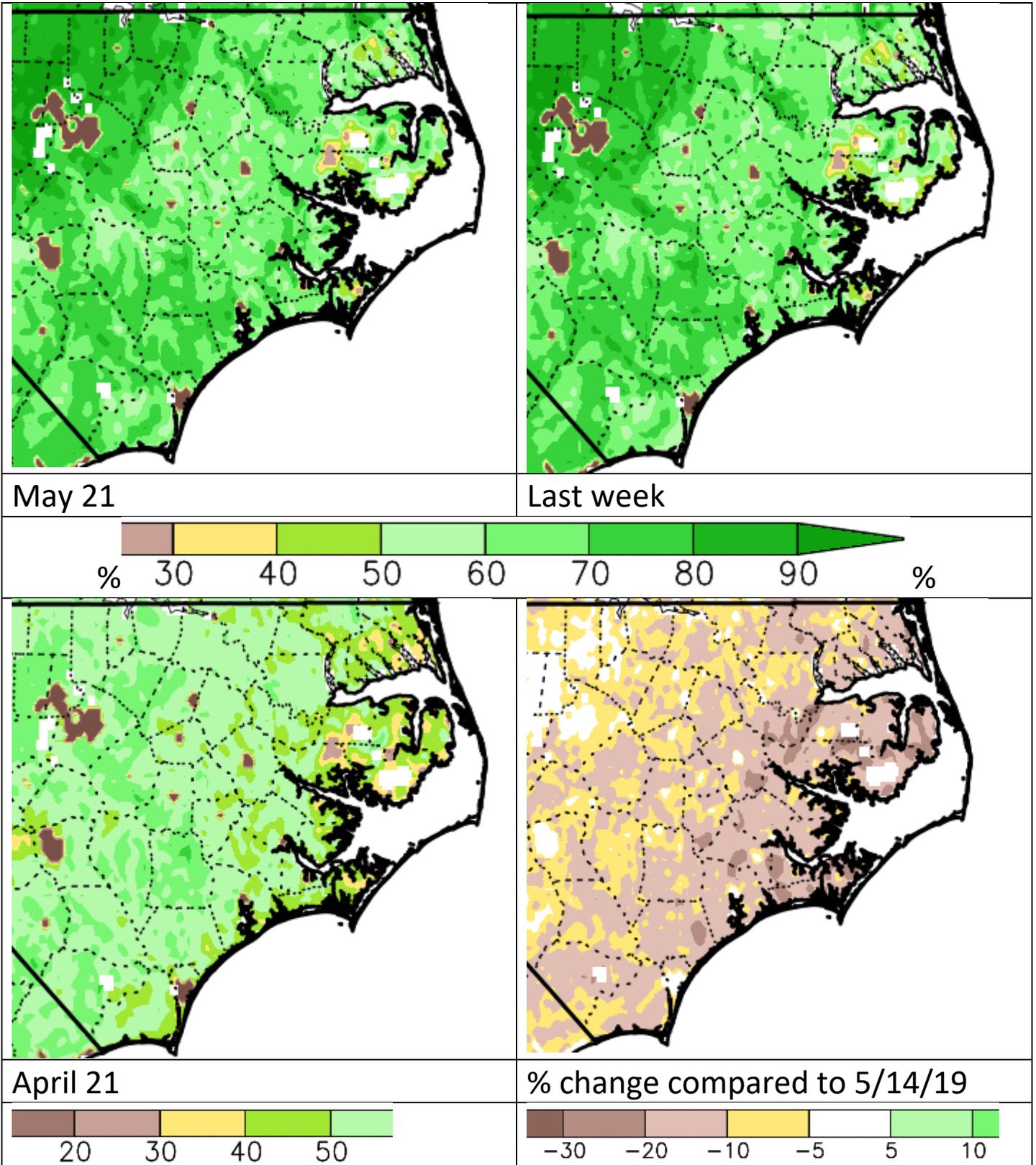
This is thunderstorm season which means that predicting rainfall amounts with much certainty over localized areas is very difficult.

30 Day Percent of Normal Precipitation, April 21-May 21



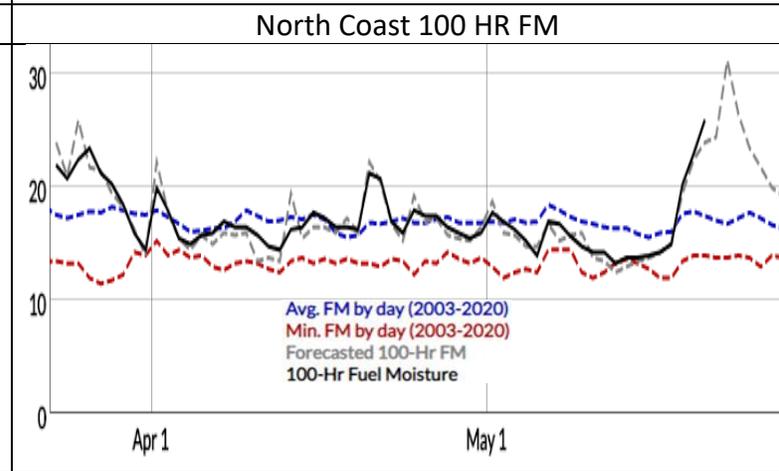
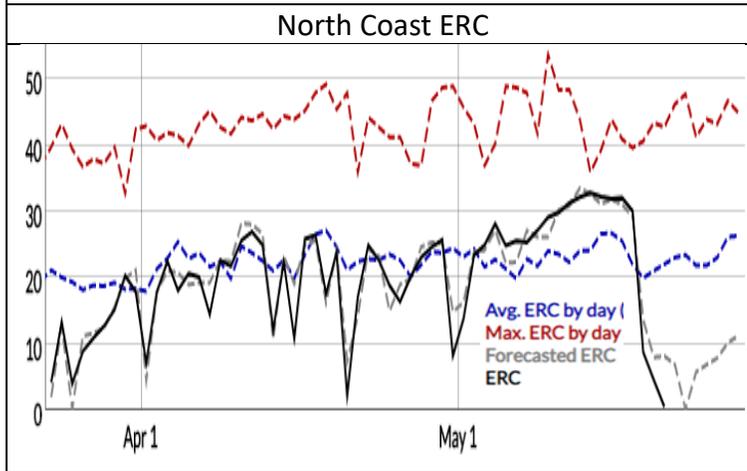
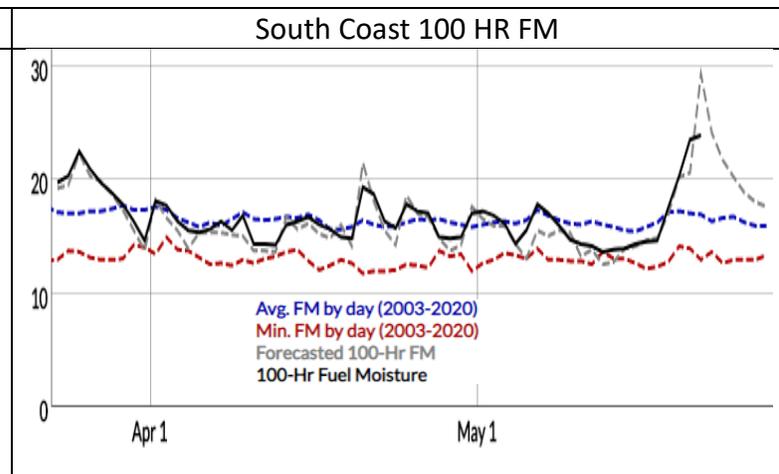
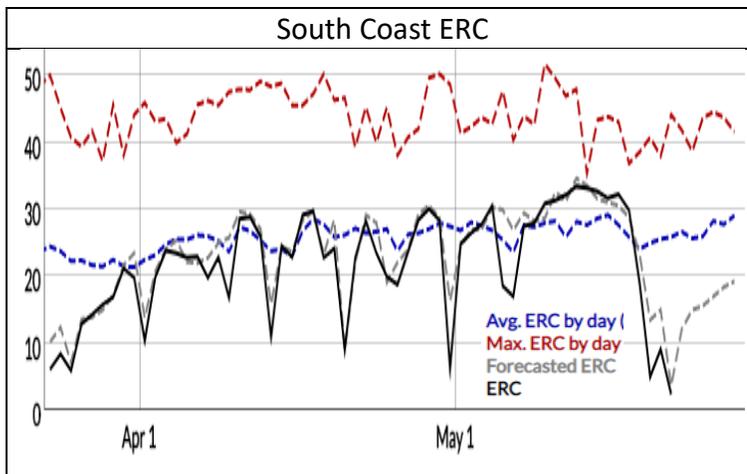
Just a small area still showing some dryness in the northern part of the region. Generally much improved from last week.

Green Vegetation Fraction (%)



Greenness is increasing slowly. The corn is starting to grow with the rain and warmer weather. Still behind last year in most locations.

ERC and 100 HR FM Trends



ERCs have crashed to zero or near zero and will not recover much during the period. 100 HR FMs are forecast to be higher or close to as high as any time since the end of fall fire season. They will recover fairly rapidly but are forecast to stay above average through the period.

Forecast 1000 HR Fuel Moisture, 5/21, 1300



Most reporting stations have increased 4-10% since last week. This increase is projected to continue for the next 2-3 days before stabilizing and then dropping slightly toward the end of the period.

NOTE: As of the time of this writing, WIMS is not displaying indices for RAWs stations. This is a temporary issue.