

Region 3 Fire Danger Outlook

5/12/18

Cabe Speary, Fire Environment Forester, 252-325-3089

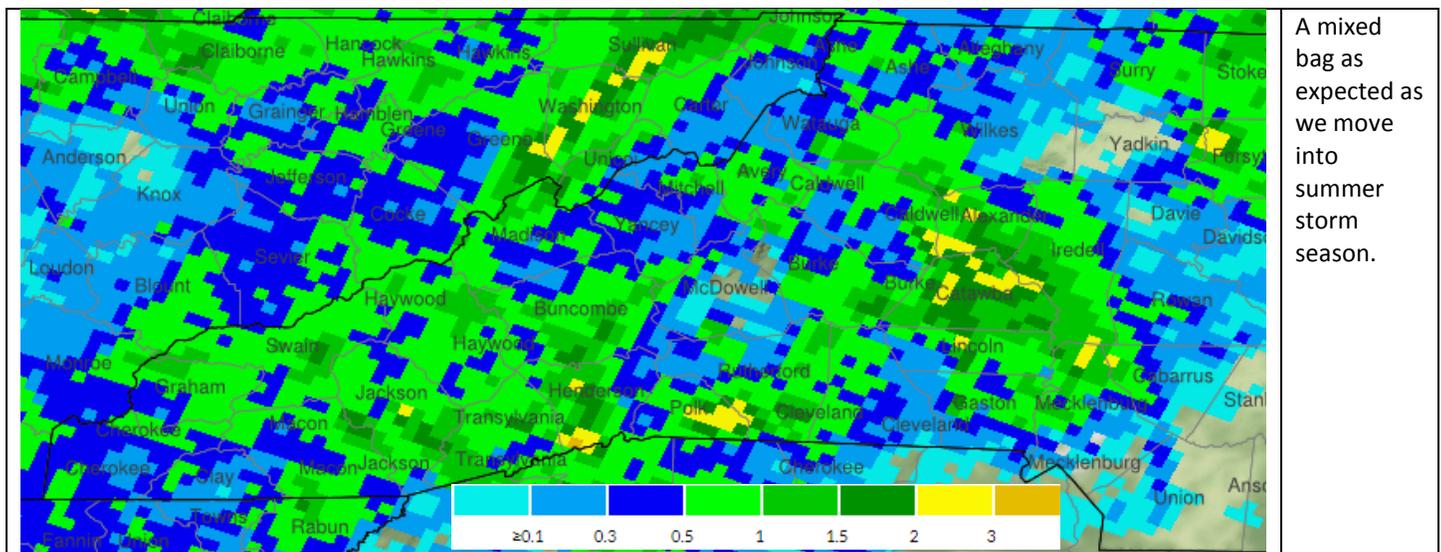
Weather Outlook

- Isolated to scattered thunderstorms are expected again this afternoon, mainly over the mountains and foothills. A ridge of high pressure will build over the area Sunday and Monday, raising temperatures to near record levels. Precipitation chances increase Tuesday and remain elevated through late next week as a complex low pressure system impacts the area, but temperatures will return to near normal. 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-30s tomorrow, returning to the 40s for Monday. For the remainder of the period, expect mid-50s to around 70%. Nighttime recovery will be excellent, in the 80-100% range.
- Winds will generally light and variable today and tomorrow, from the W/NW in the mountains and W/SW in the piedmont and foothills. Gusts along the Blue Ridge may reach 20 MPH. Expect winds less than 5 MPH for the remainder of the period. Mixing heights of 6,000-7,000 feet for today and tomorrow, except dropping to 5-6,000 along the Blue Ridge tomorrow. Transport winds will be 7-15 MPH from the W/SW both days.
- High temperatures will be in the low to mid-80s for the mountains today through Monday, with low 90s for the piedmont. For the remainder of the period, highs in the mountains will be in the 70s, with low 80s for the piedmont. Lows will be in the upper 50s to mid-60s. For May 19th-May 25th, there is a 40-60% chance of **above** normal average temperatures.

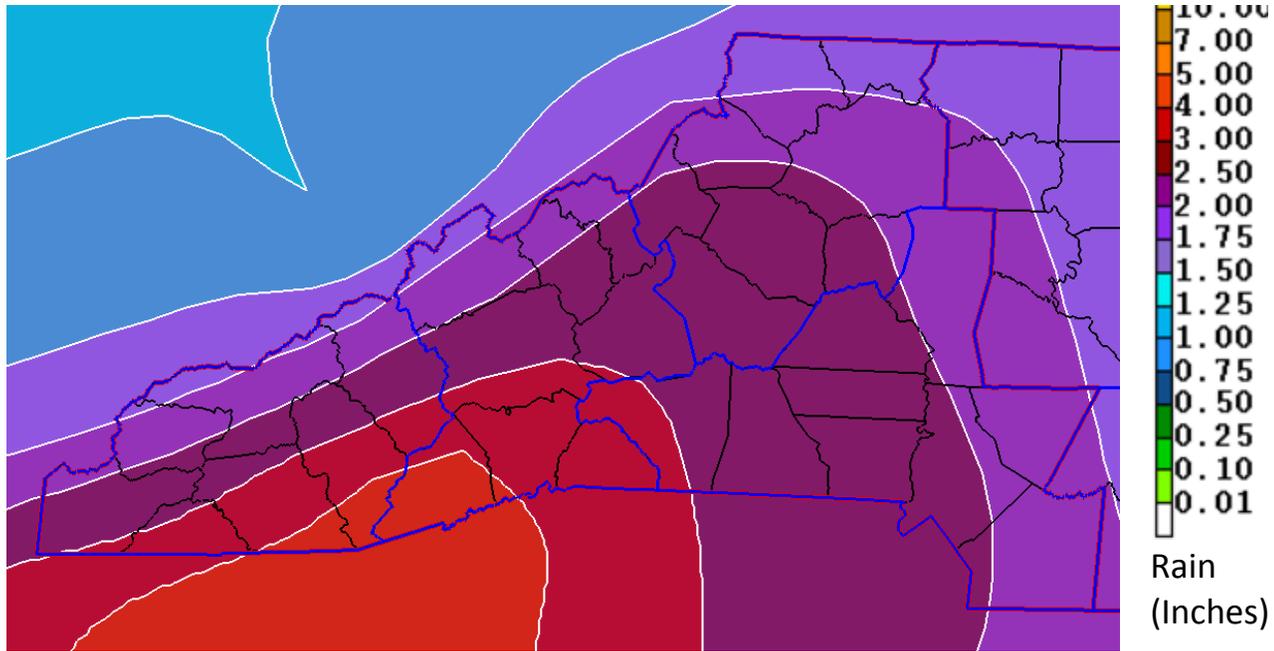
Fire Activity (does not include federal ownership)

5/6-5/12	Number	Acres
Wildfire	6	5
Prescribed Fire	0	0

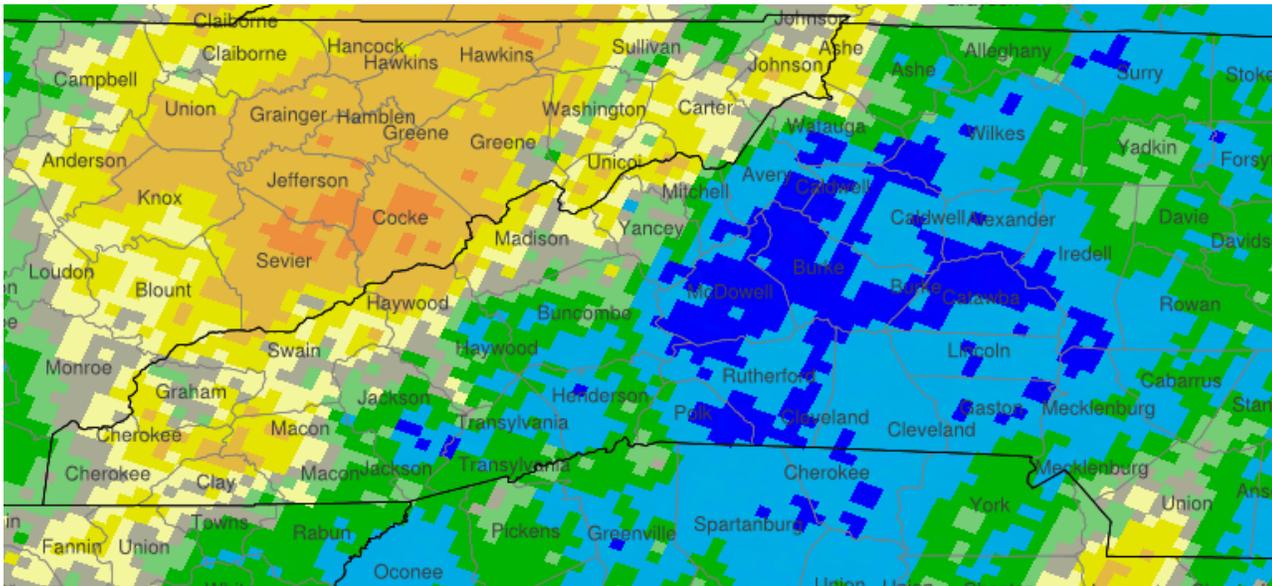
Precipitation Estimates for May 5th, 0800 to May 12th, 8:00



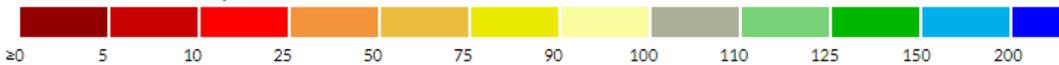
Forecast Precipitation, May 15th, 0800 to May 19th, 0800



30 Day Percent of Normal Precipitation

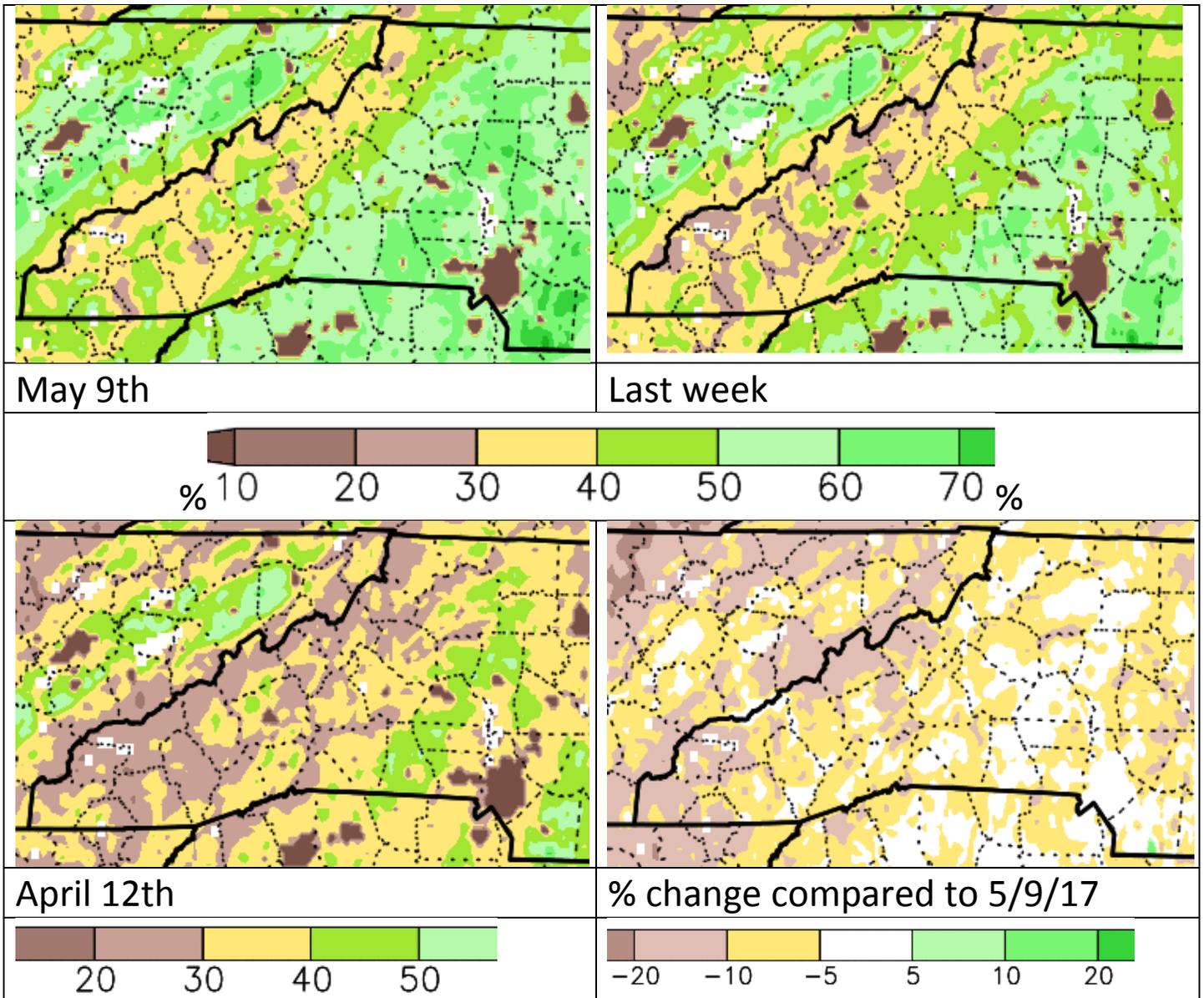


Percent of Normal Precip. (%)



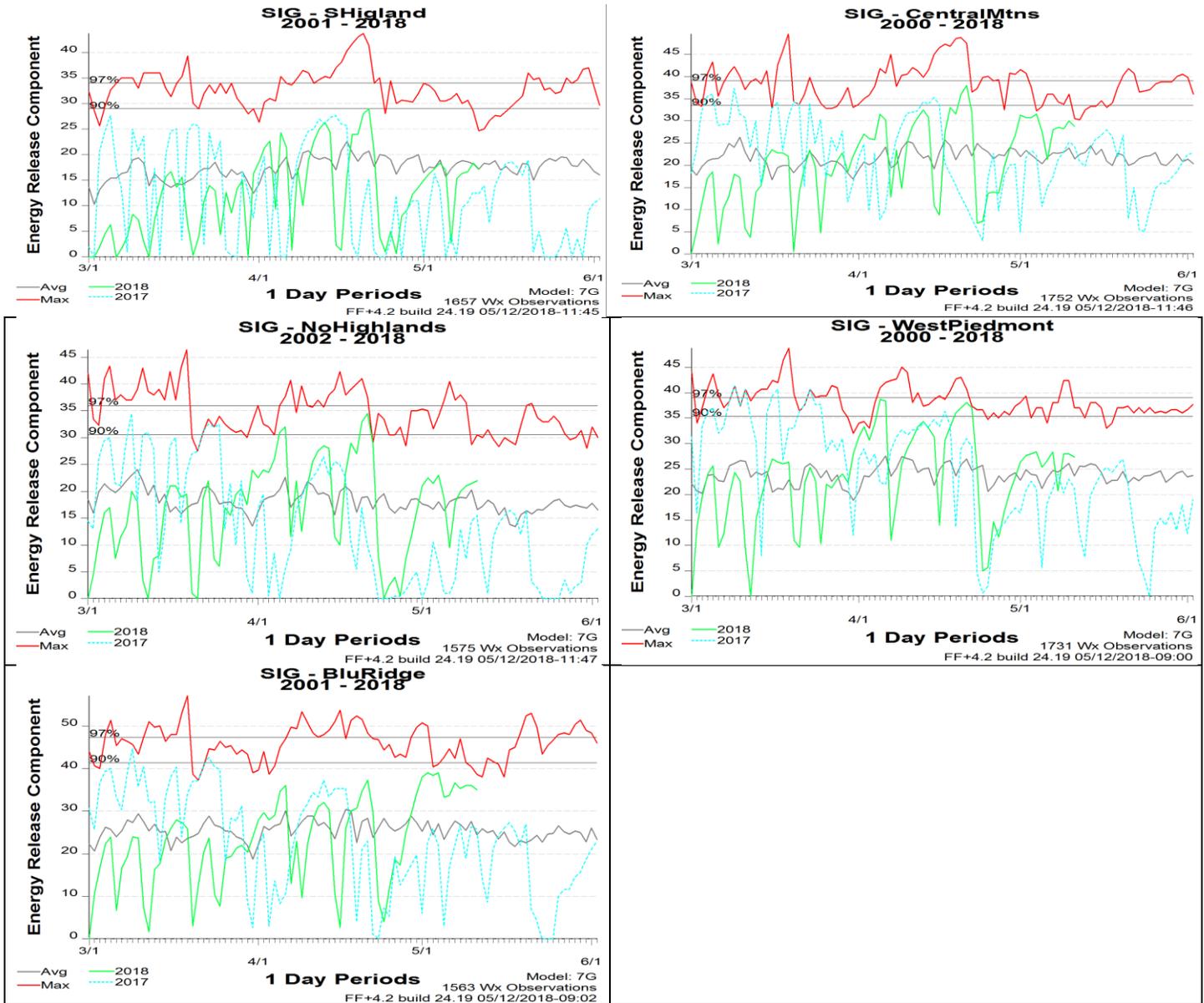
Starting to see some short term deficits in along the TN border, in the SW districts, and Union County, but at least still above 50% of normal over all.

Green Vegetation Fraction (%)



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 for except for the Blue Ridge and Central mountains that approached the daily maximums. 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.