



Summer Fire Season Outlook

Fire Environment Committee Meeting

May 23-24, 2017

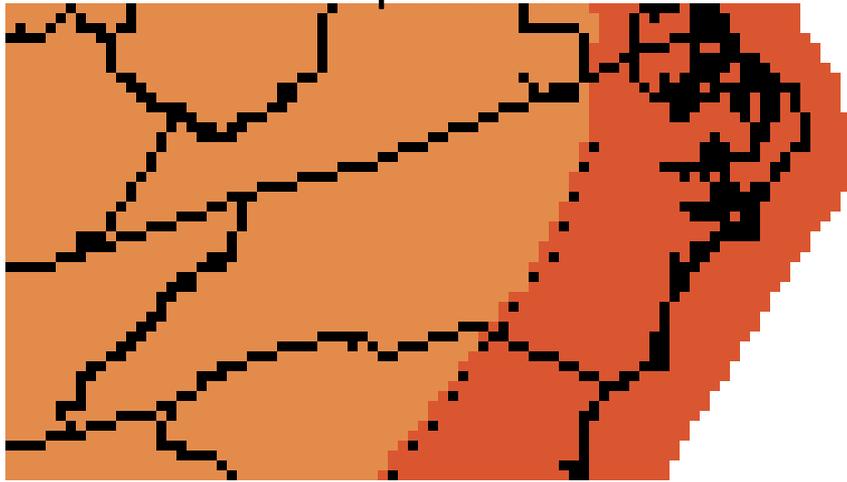
Cabe Speary
Fire Environment Forester
NC Forest Service



June-August



Temperature



Precipitation

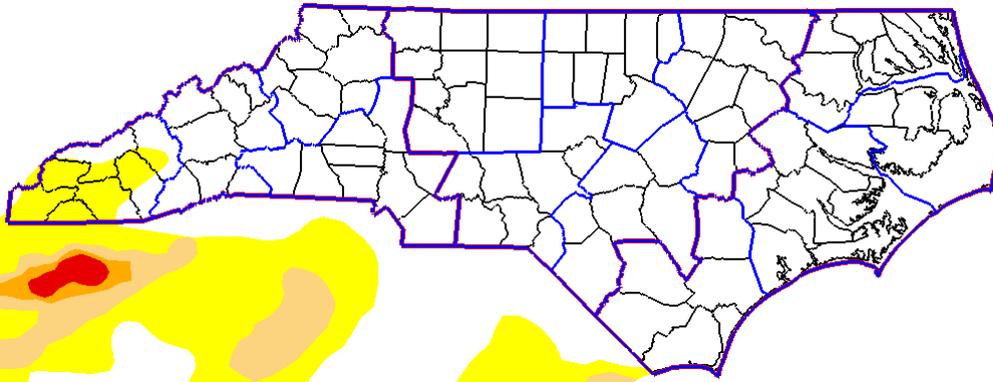


Equal Change of Below or Above Normal

Forecast as of May 18th.



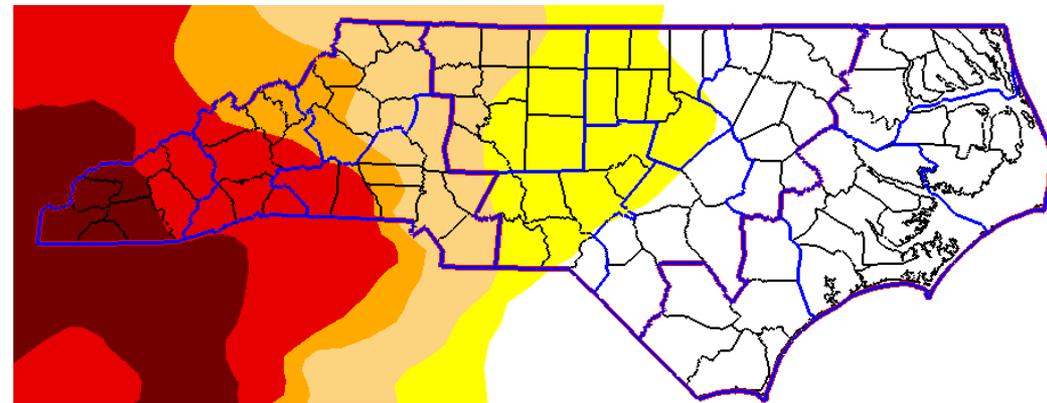
Drought Situation



Current, May 16

Intensity:

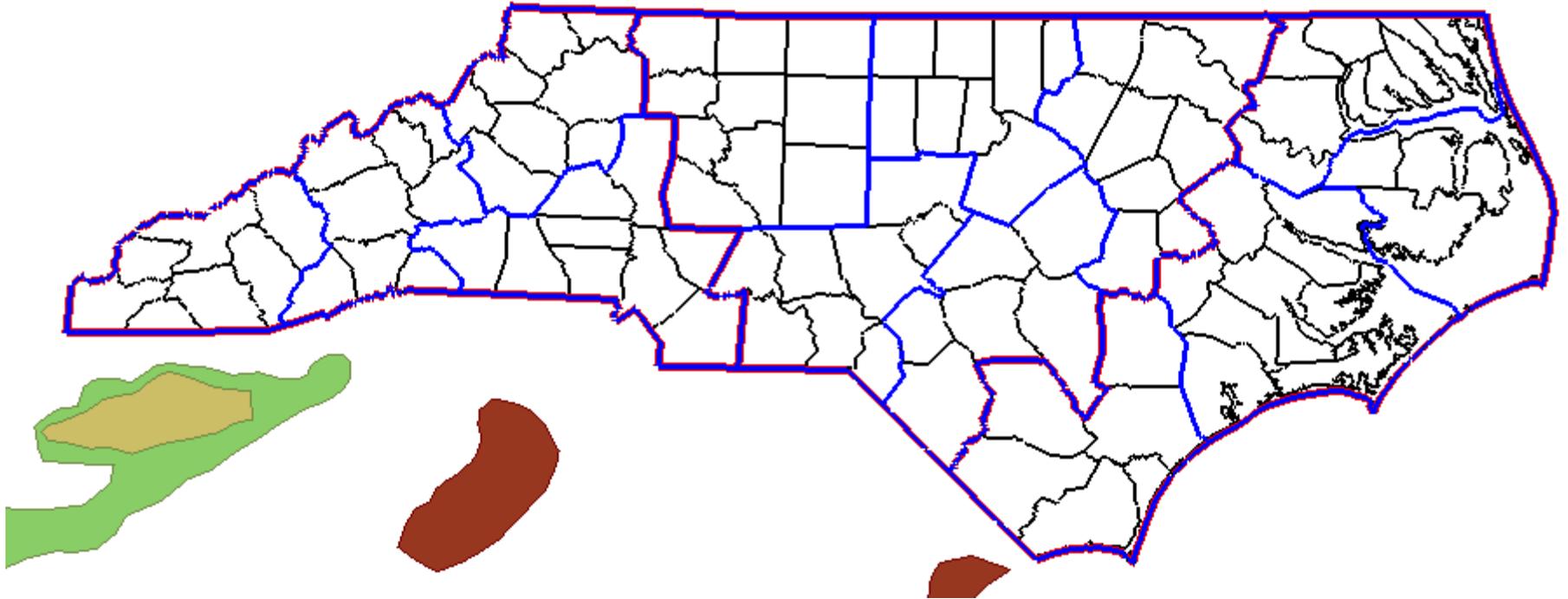
-  D0 Abnormally Dry
-  D1 Moderate Drought
-  D2 Severe Drought
-  D3 Extreme Drought
-  D4 Exceptional Drought



November 22nd 2016

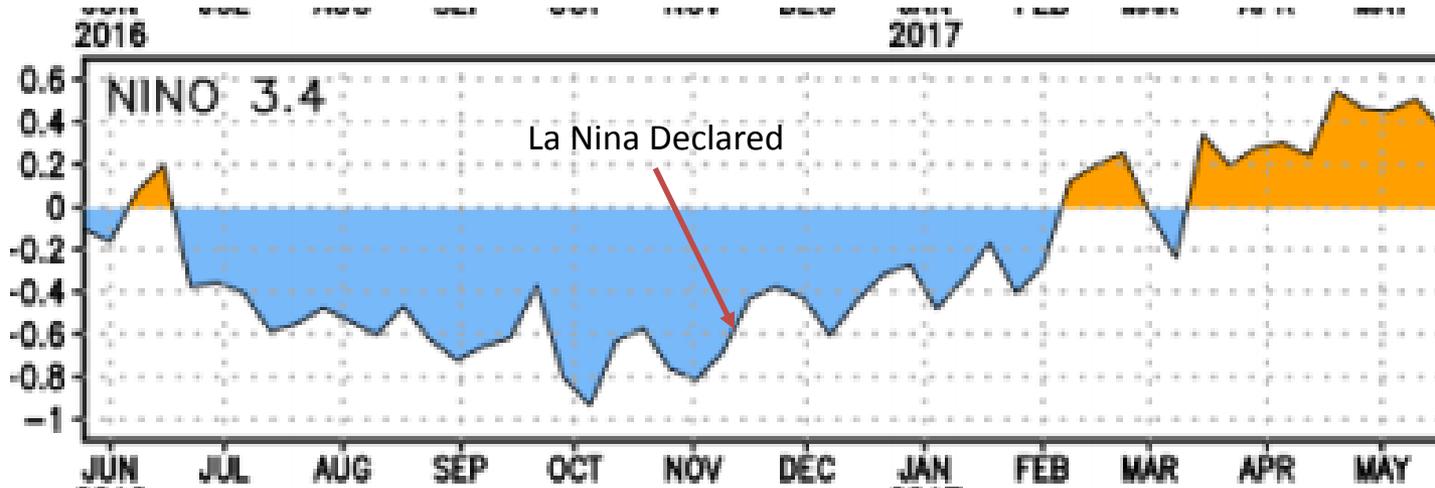


Drought Outlook June-August



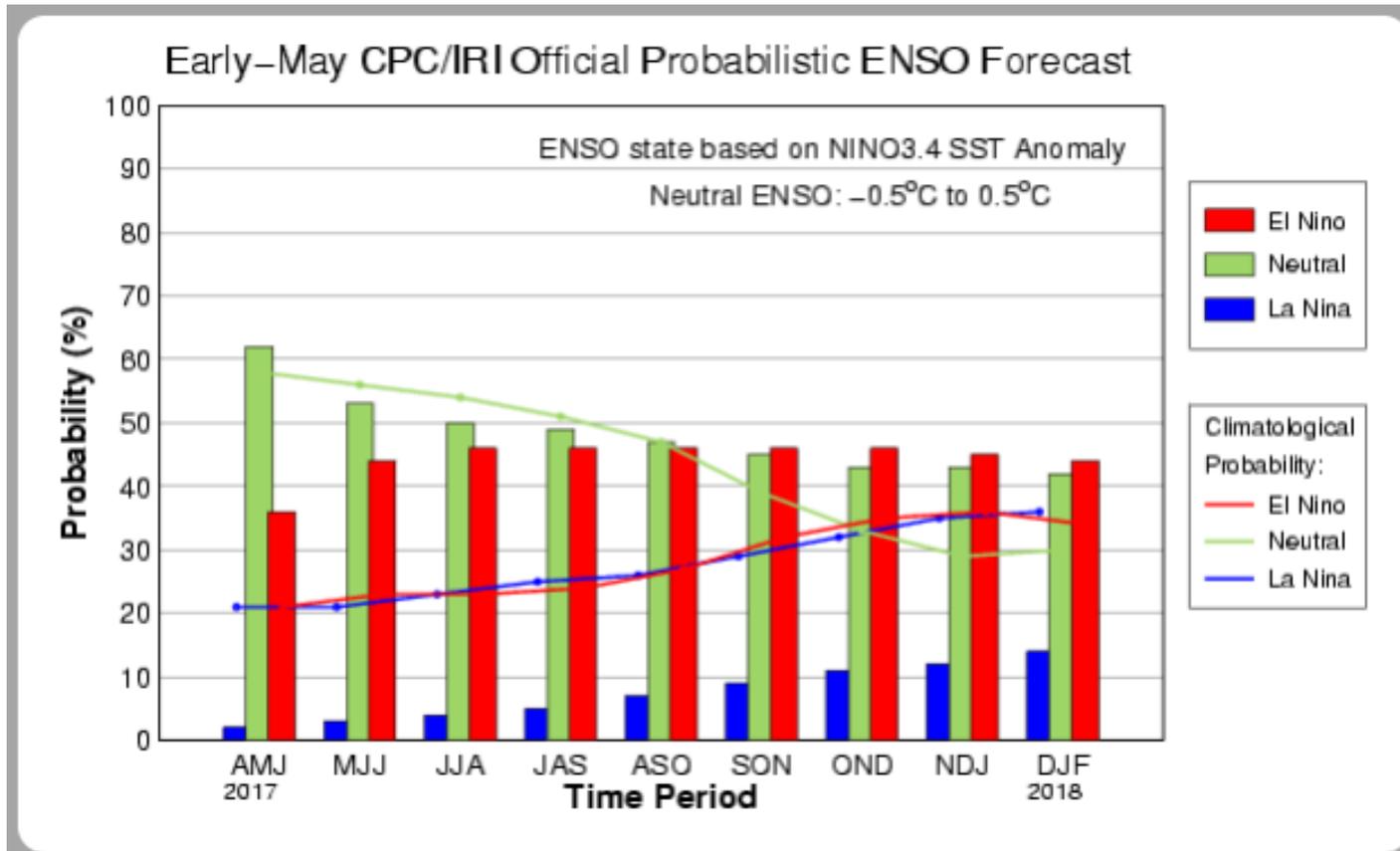


El Nino Southern Oscillation (ENSO)





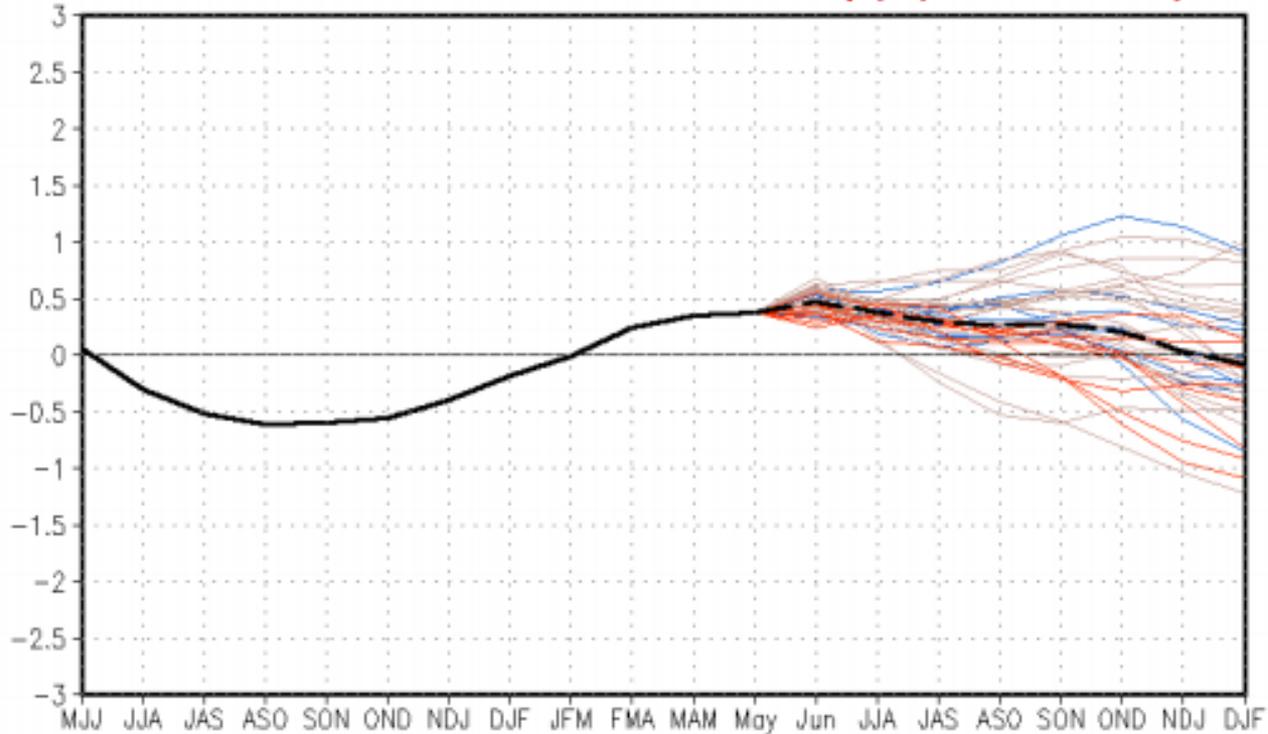
ENSO Predictions





ENSO Predictions (Cont.)

CFSv2 forecast Nino3.4 SST anomalies (K) (PDF corrected)



- Latest 8 forecast members
- Earliest 8 forecast members
- Other forecast members
- Forecast ensemble mean
- NCDC daily analysis

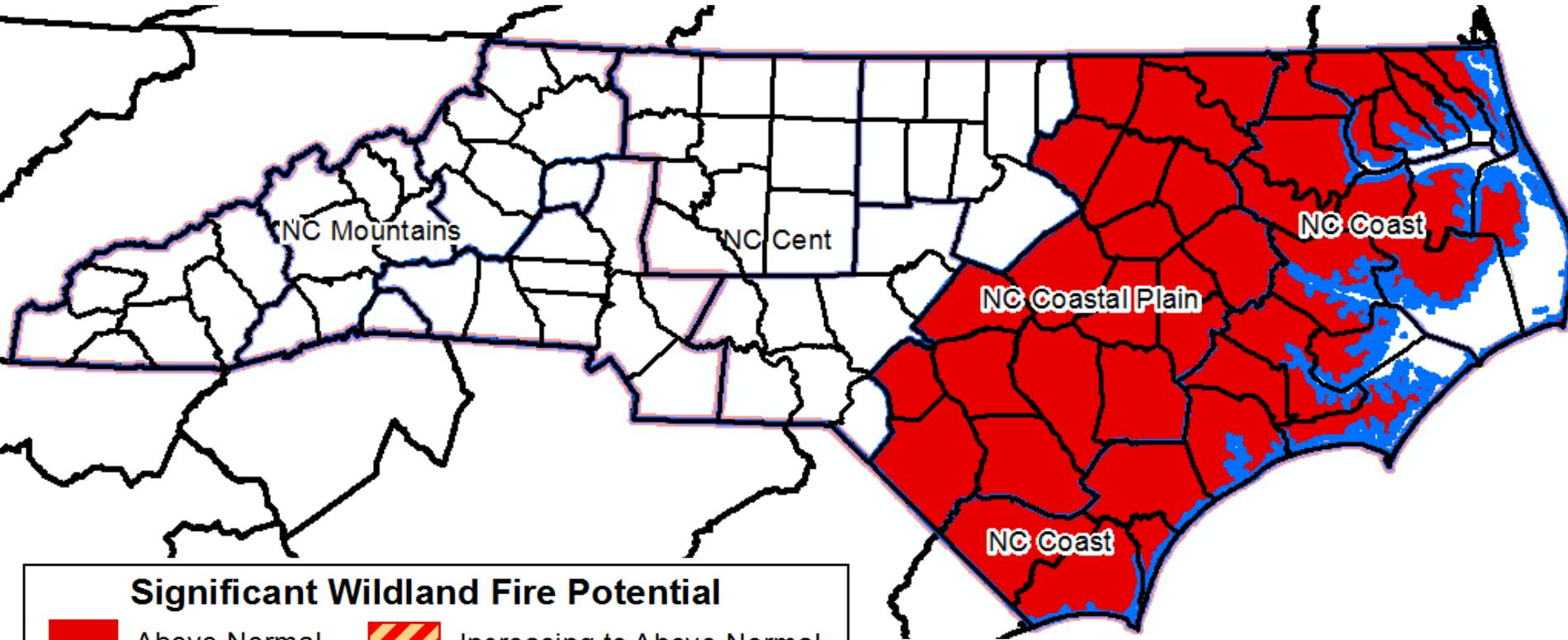
(Model bias correct base period: 1999–2010; Climatology base period: 1982–2010)



SIGNIFICANT WILDLAND FIRE POTENTIAL OUTLOOK



JUNE 2017



Significant Wildland Fire Potential

 Above Normal	 Increasing to Above Normal
 Below Normal	 Decreasing to Below Normal
 Normal	 Returning to Normal
 Geographic Area Boundary	 Predictive Services Area Boundary

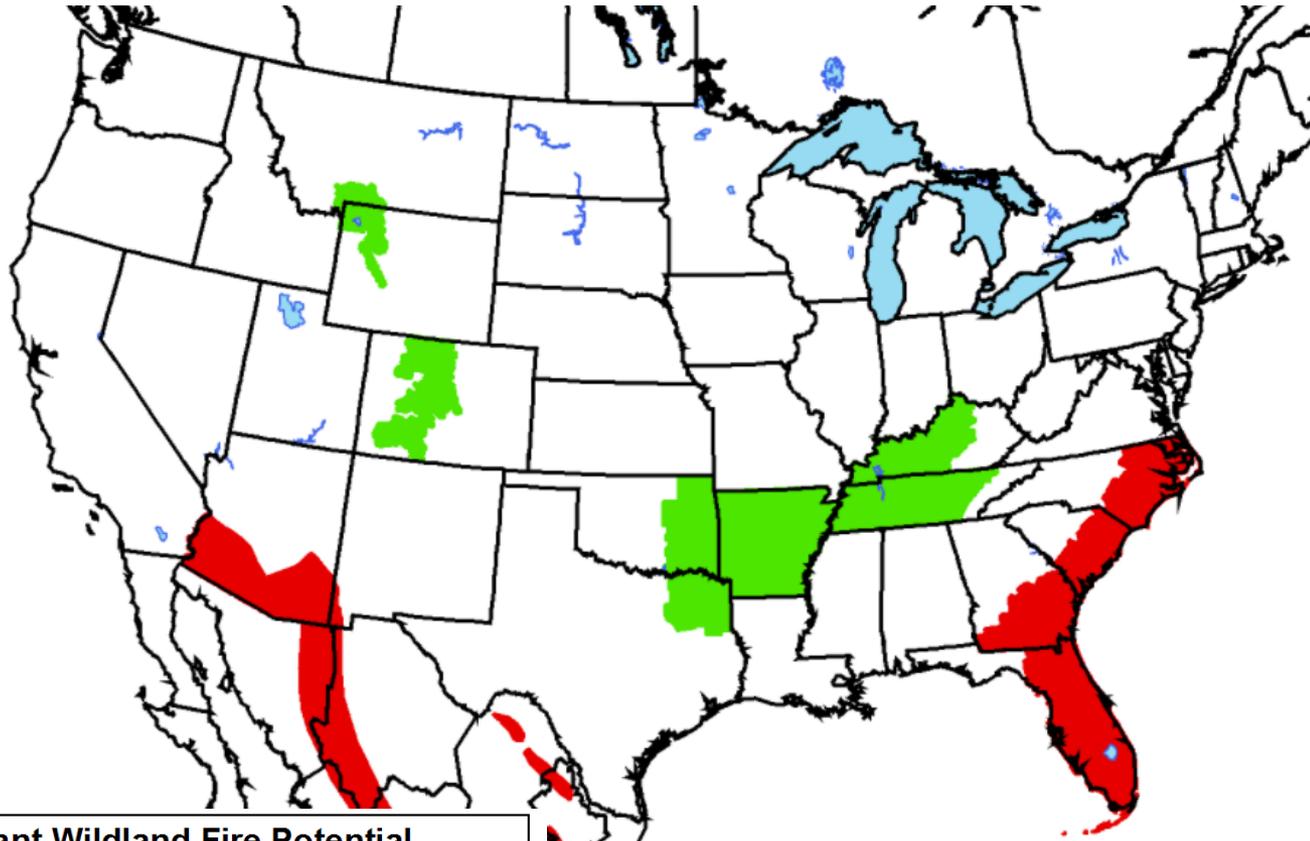
For July and August, the entire state is predicted to be normal. Next forecast June 1.



SIGNIFICANT WILDLAND FIRE POTENTIAL OUTLOOK



JUNE 2017



Significant Wildland Fire Potential

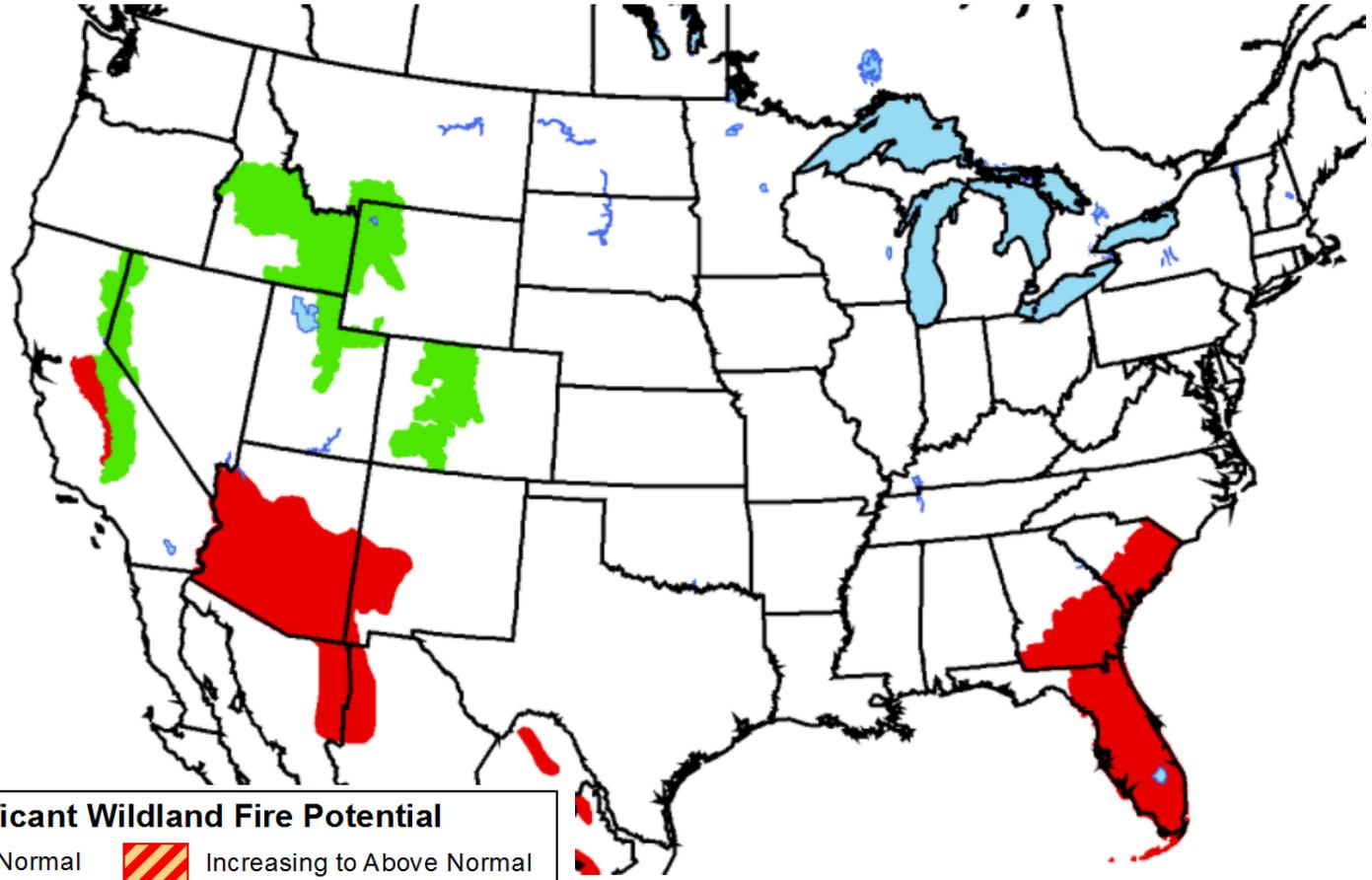
 Above Normal	 Increasing to Above Normal
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 Geographic Area Boundary	 Predictive Services Area Boundary



SIGNIFICANT WILDLAND FIRE POTENTIAL OUTLOOK



JULY 2017



Significant Wildland Fire Potential

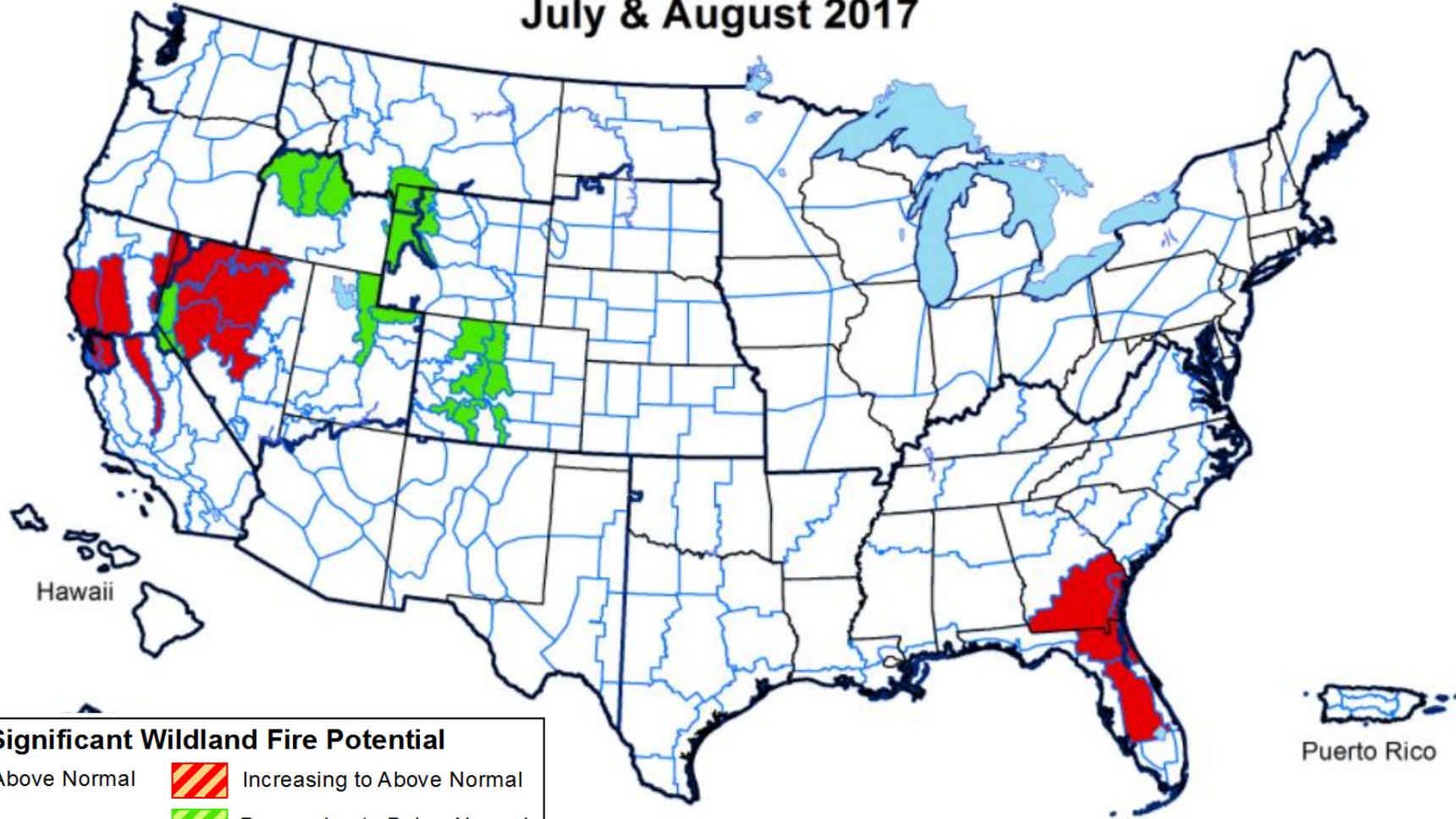
Above Normal	Increasing to Above Normal
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SIGNIFICANT WILDLAND FIRE POTENTIAL OUTLOOK



July & August 2017



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Normal	Returning to Normal
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Puerto Rico

QUESTIONS???



www.predictiveservices.nifc.gov

www.cpc.ncep.noaa.gov

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