

Massachusetts Drought Task Force Meeting NWS Update

National Weather Service

Tuesday December 7th, 2016

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National Weather Service
Boston, MA



Review of past Few Weeks

The Good News...Decent rainfall late November and Early December

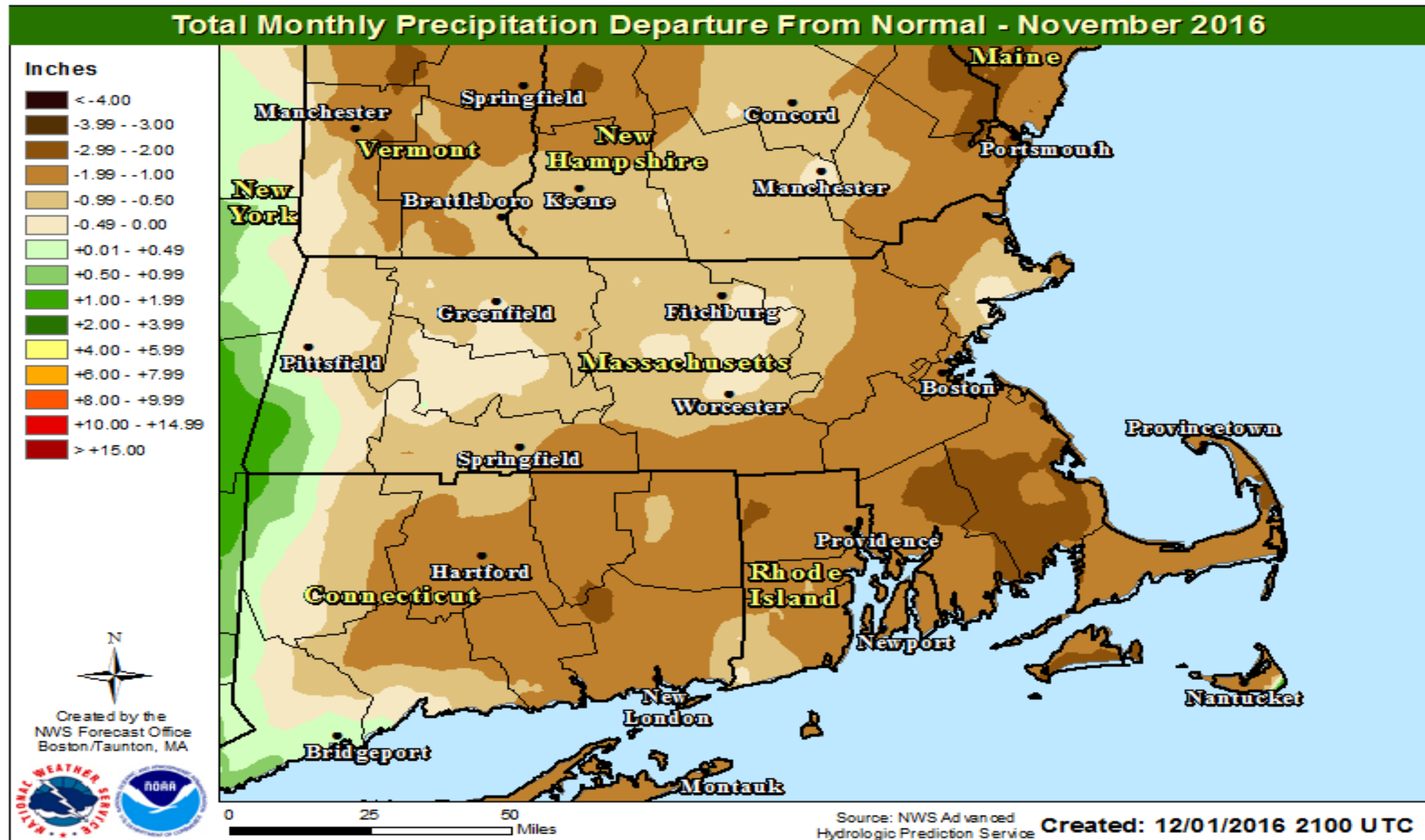
Daily Stream Flows are back to normal

Potentially good news on the forecast front (more on that later)

The not so good news...Still ended the month of November with below normal precipitation.

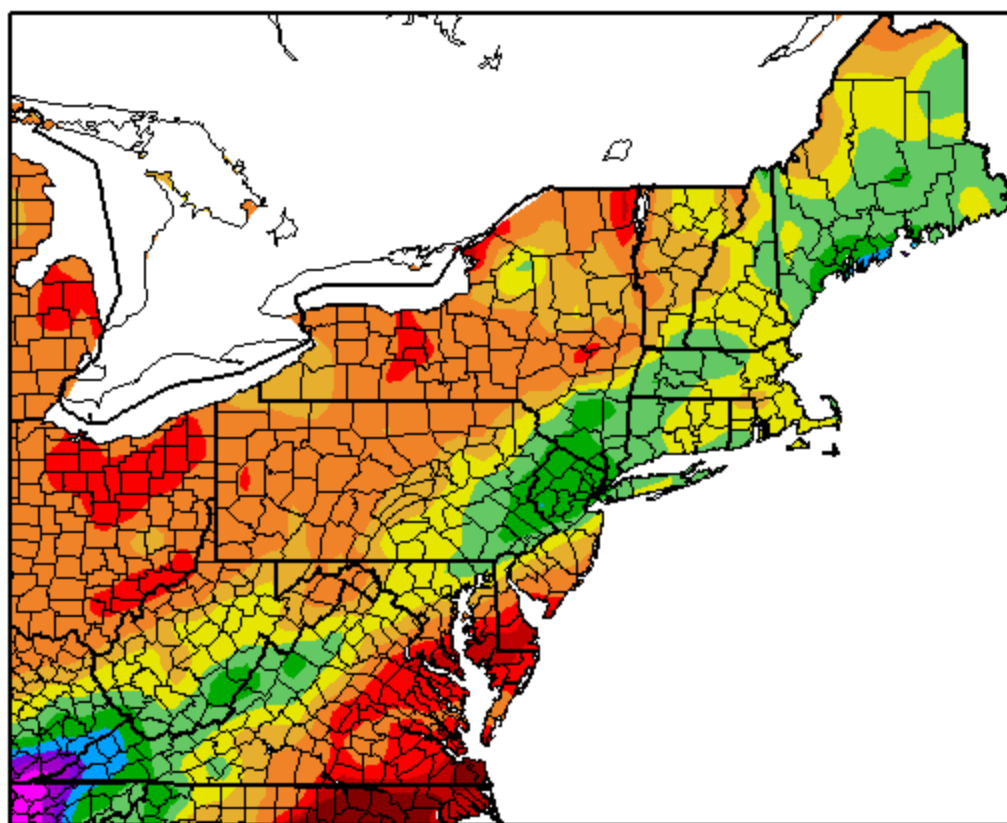
Ground Water still below normal

November Departure from Normal

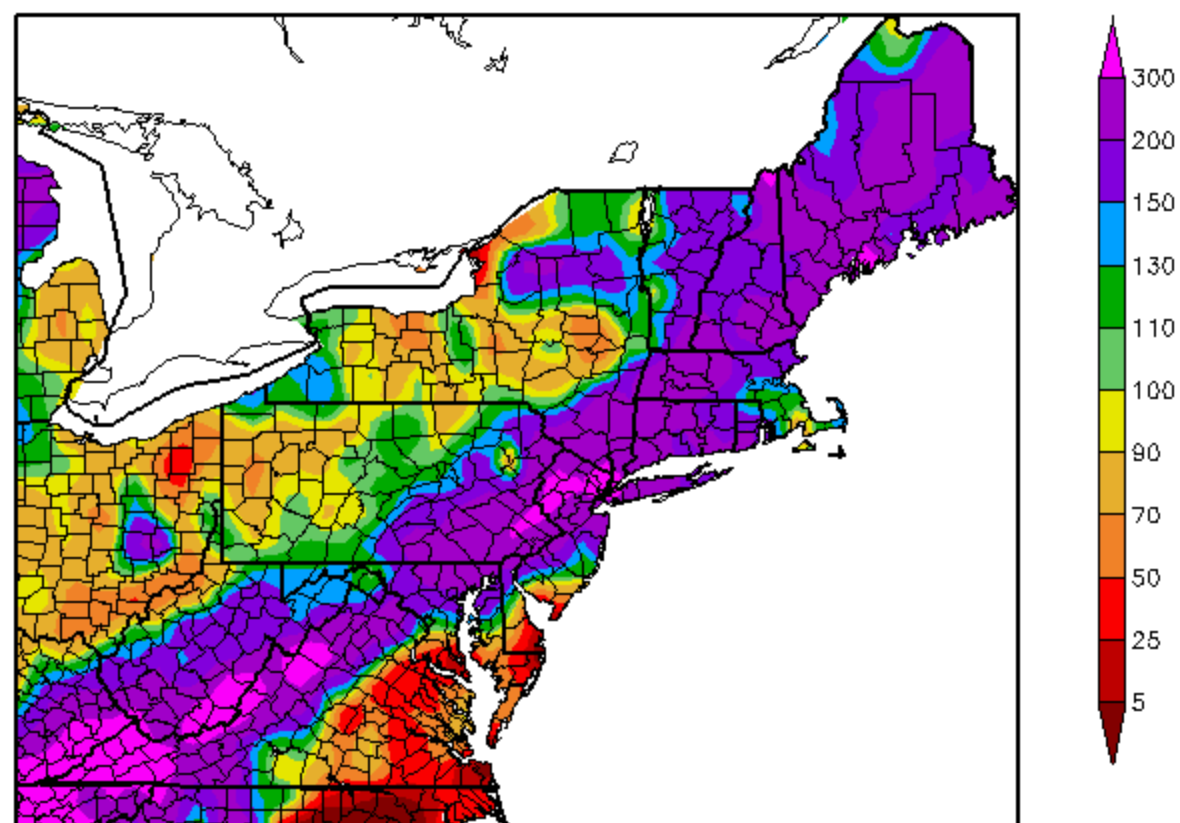


7 Day Precip and Percent of Normal

Precipitation (in)
11/28/2016 – 12/4/2016

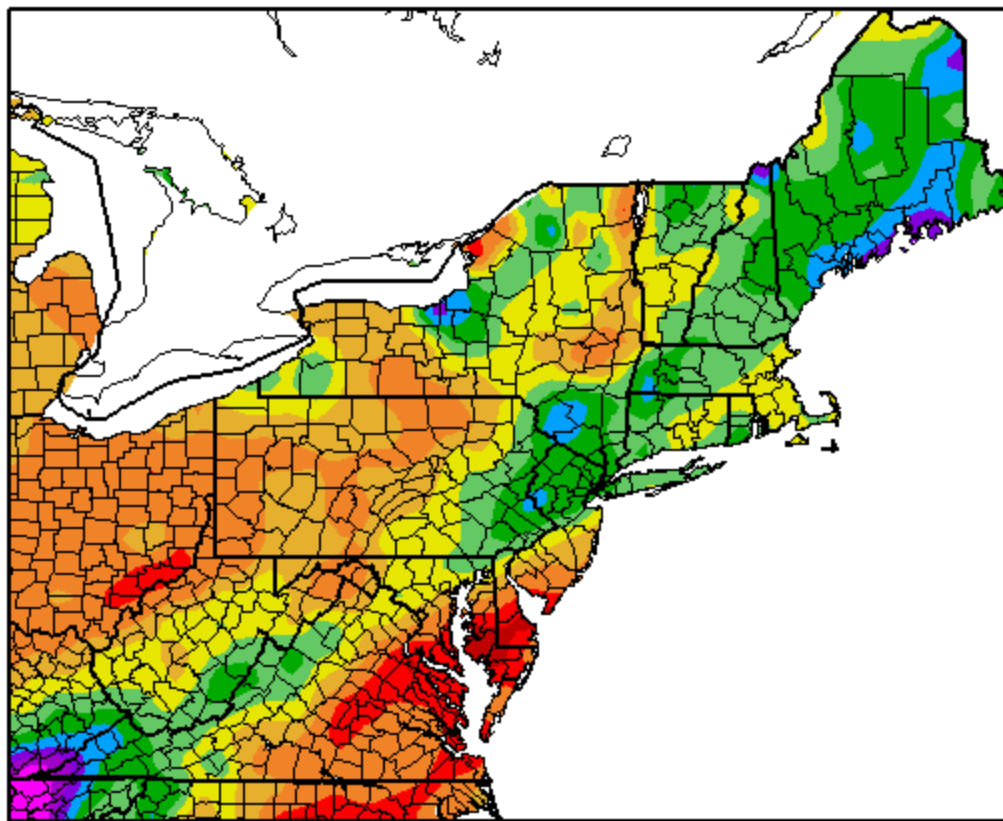


Percent of Normal Precipitation (%)
11/28/2016 – 12/4/2016

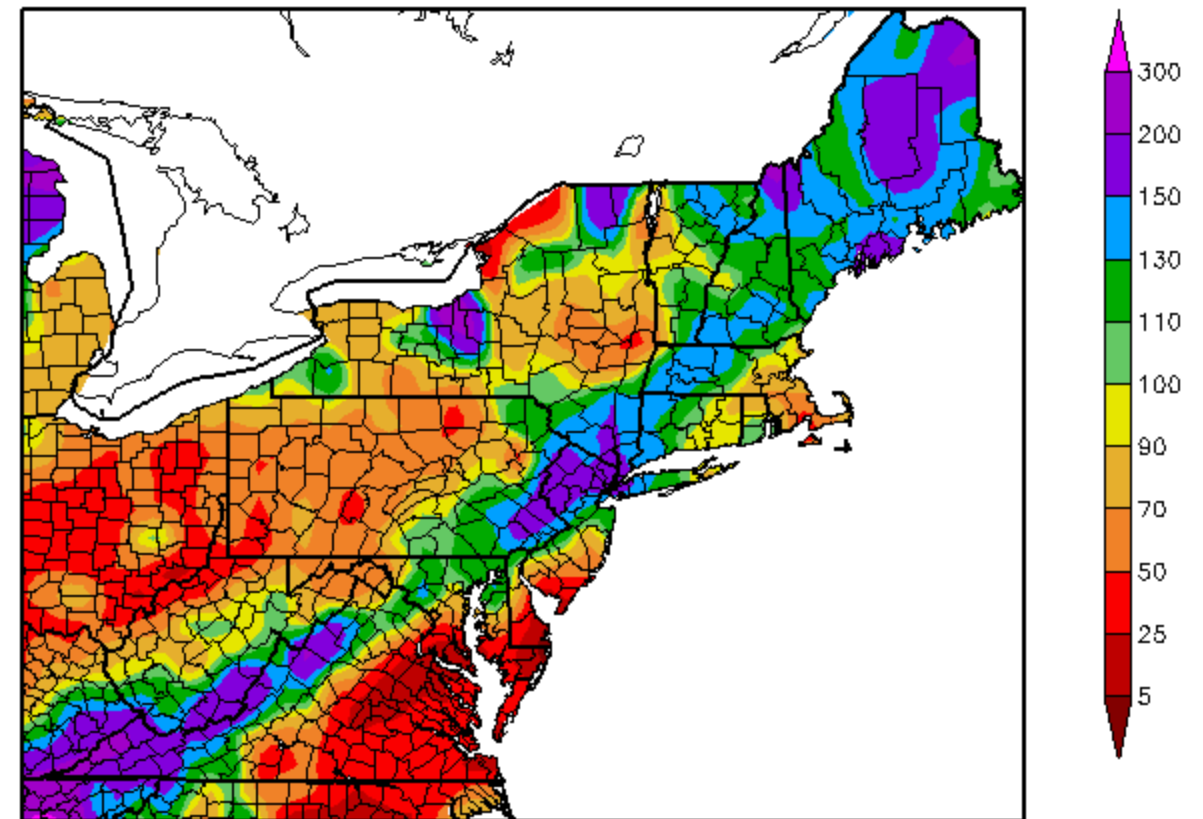


14 Day Precip and Percent of Normal

Precipitation (in)
11/21/2016 – 12/4/2016

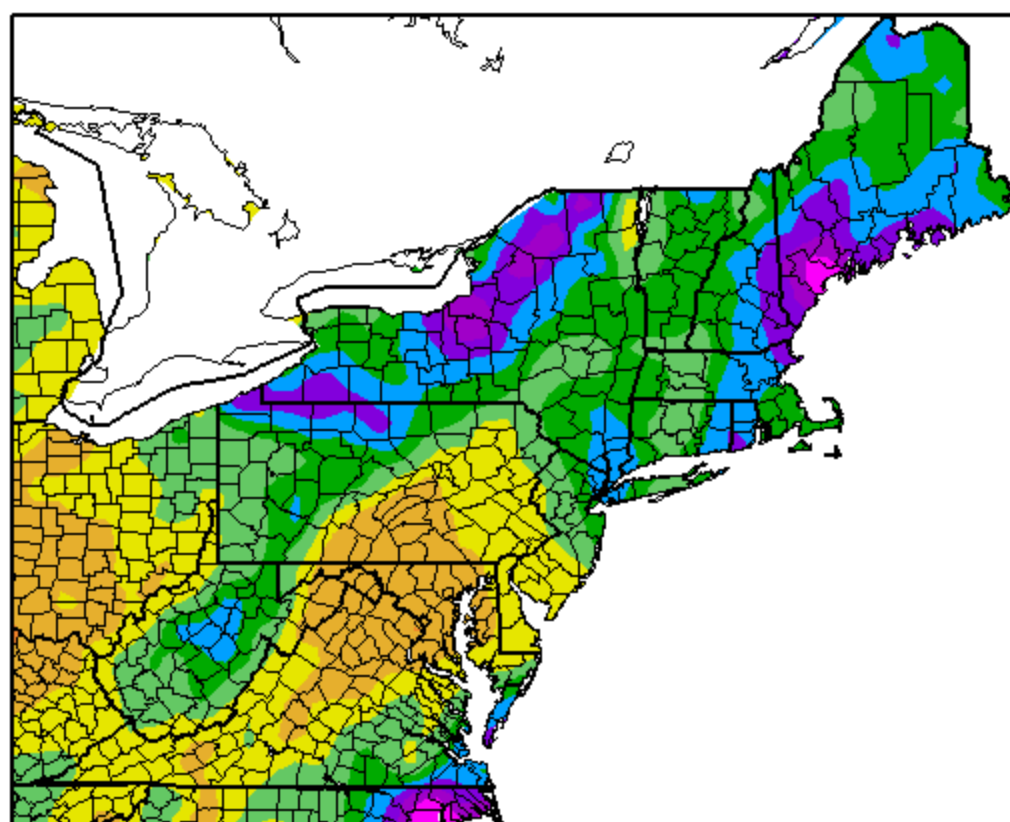


Percent of Normal Precipitation (%)
11/21/2016 – 12/4/2016

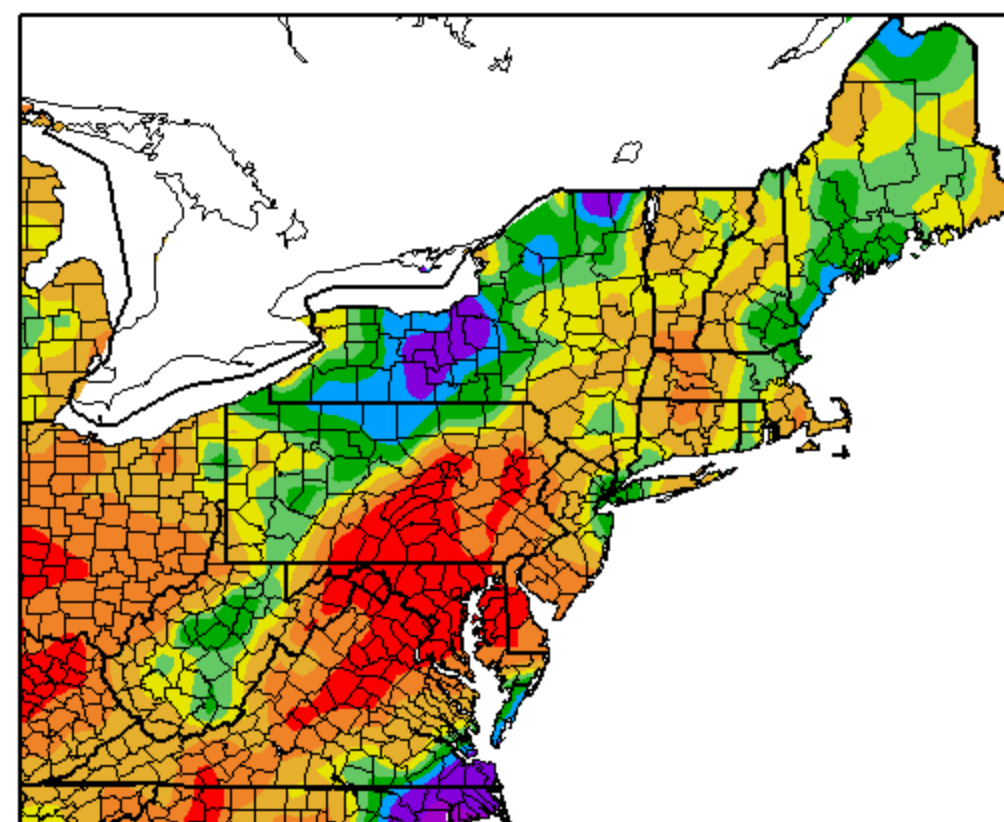


60 Day Precip and Percent of Normal

Precipitation (in)
10/6/2016 - 12/4/2016



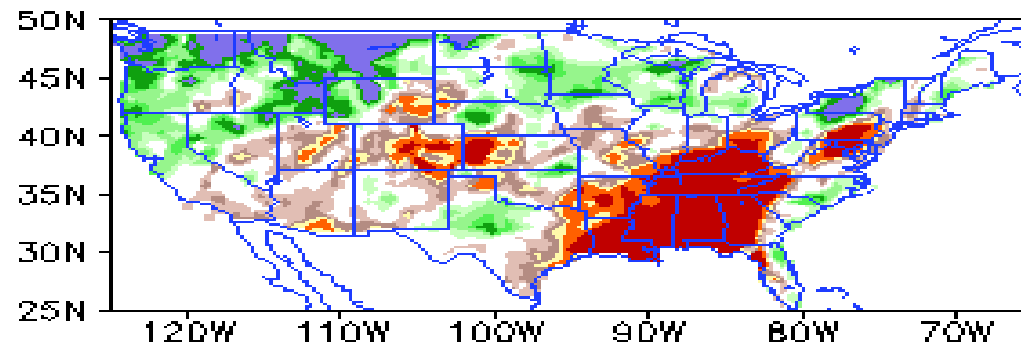
Percent of Normal Precipitation (%)
10/6/2016 - 12/4/2016



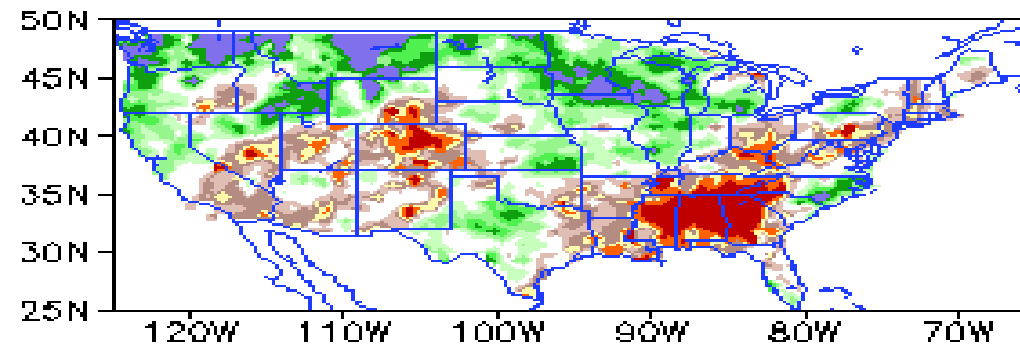
3/6/12/24 Month SPI

SPI through 03Dec2016

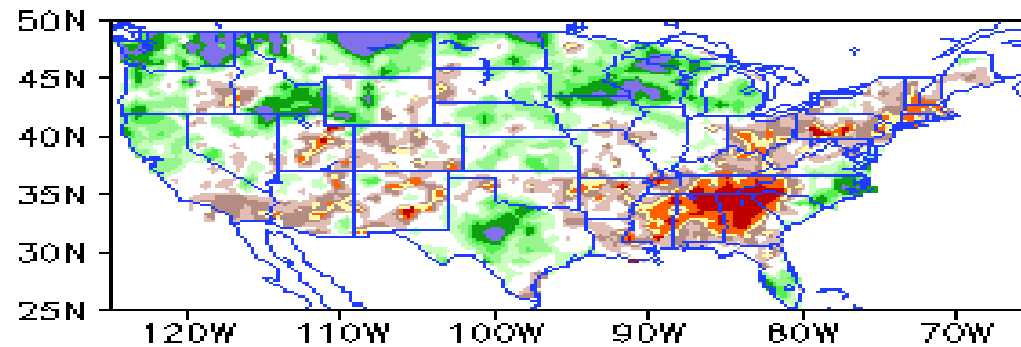
3-month SPI



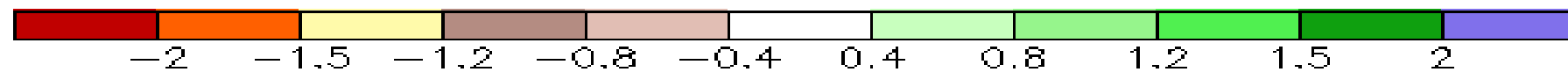
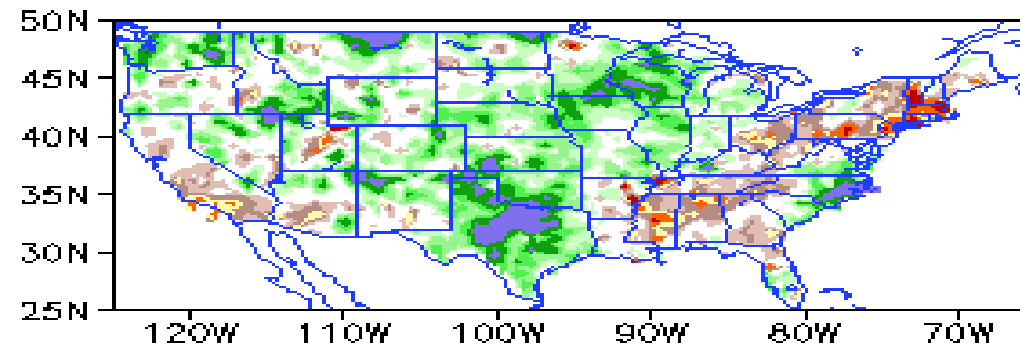
6-month SPI



12-month SPI

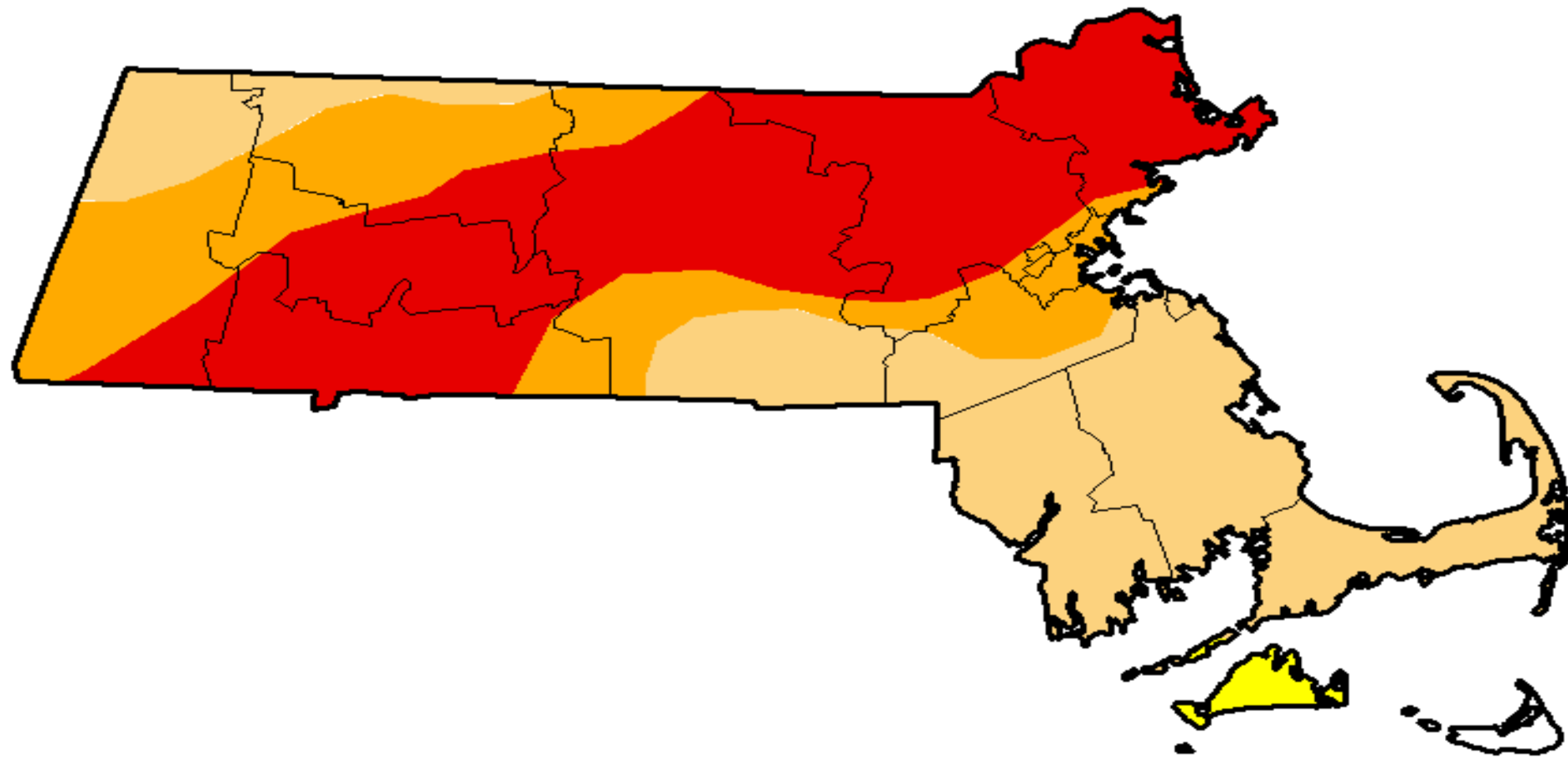


24-month SPI

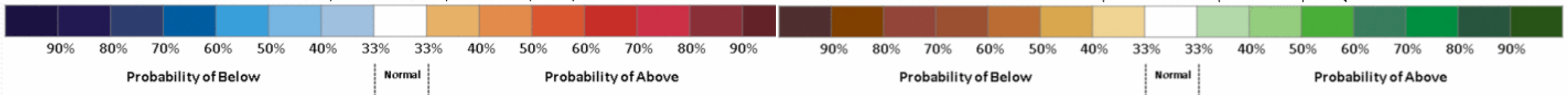
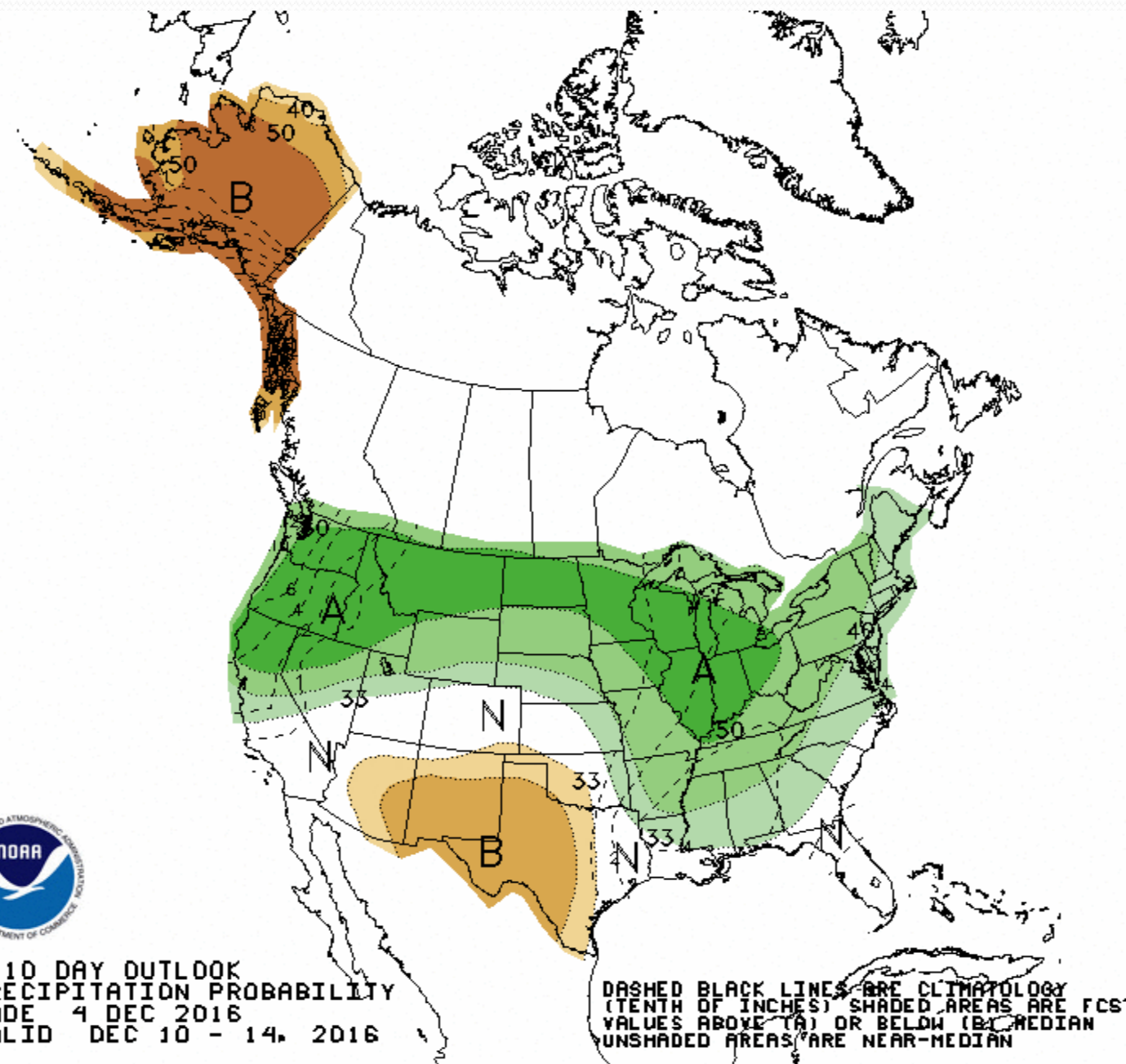
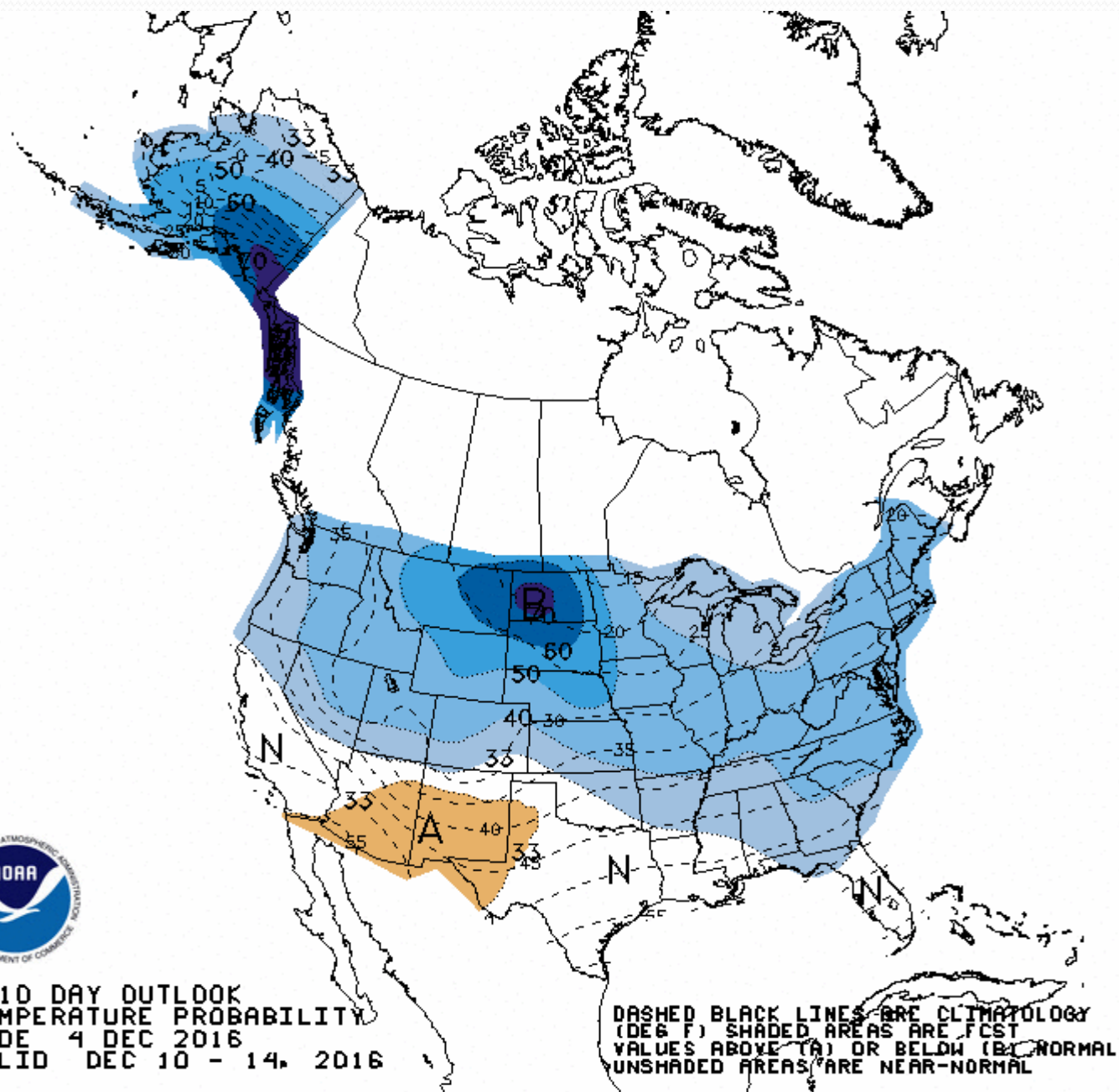


Drought SPI < -0.8 D1: -0.9 to -1.2
D2: -1.3 to -1.5 D3: -1.6 to -1.8
D4: SPI < -2.

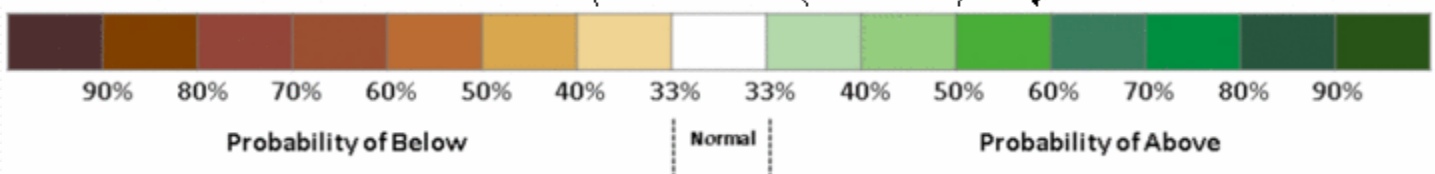
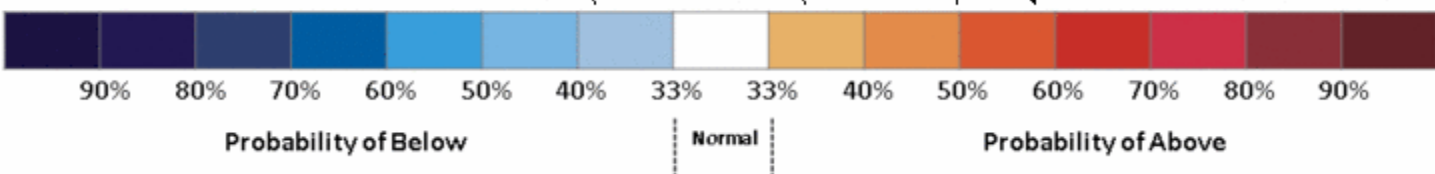
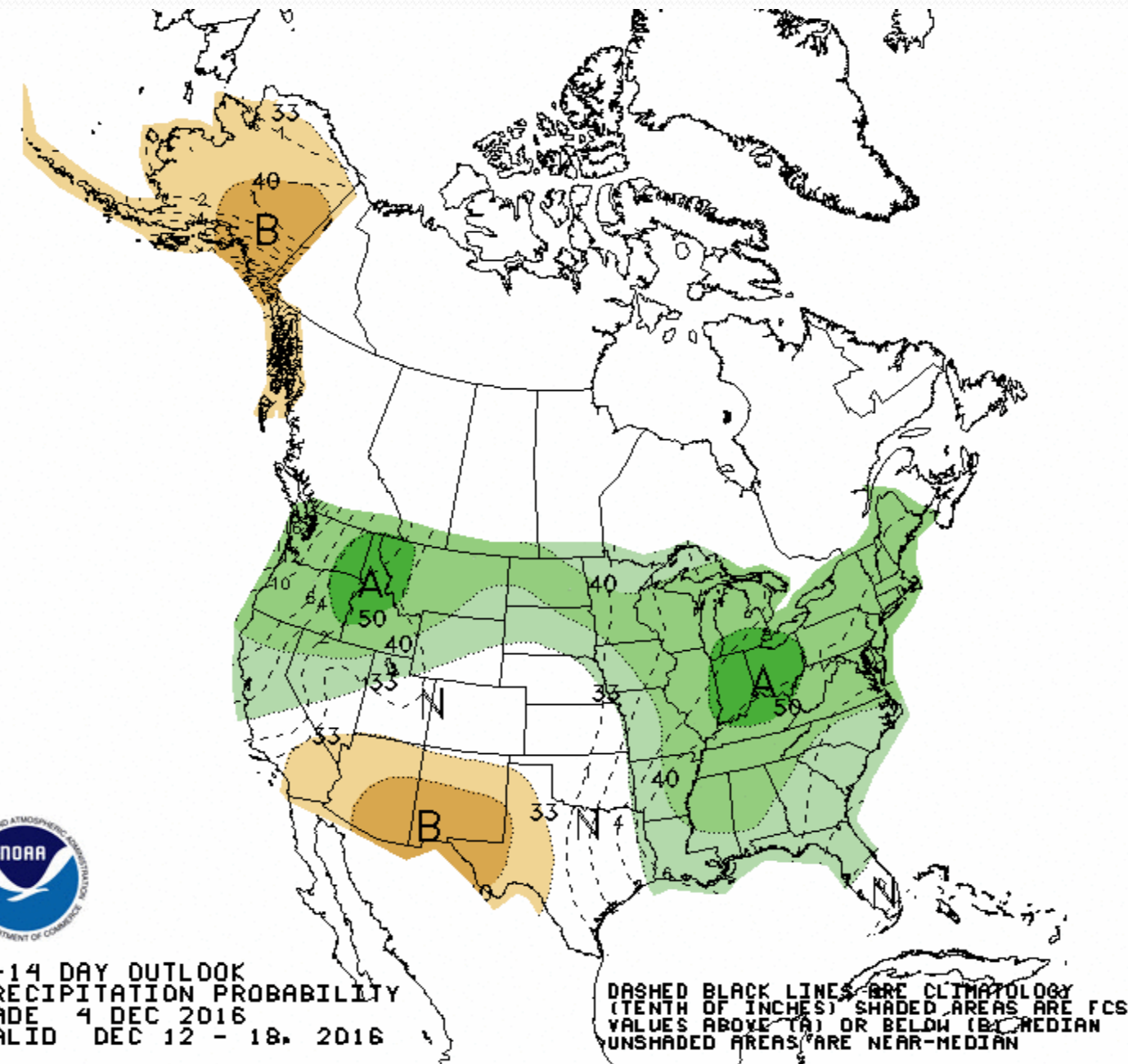
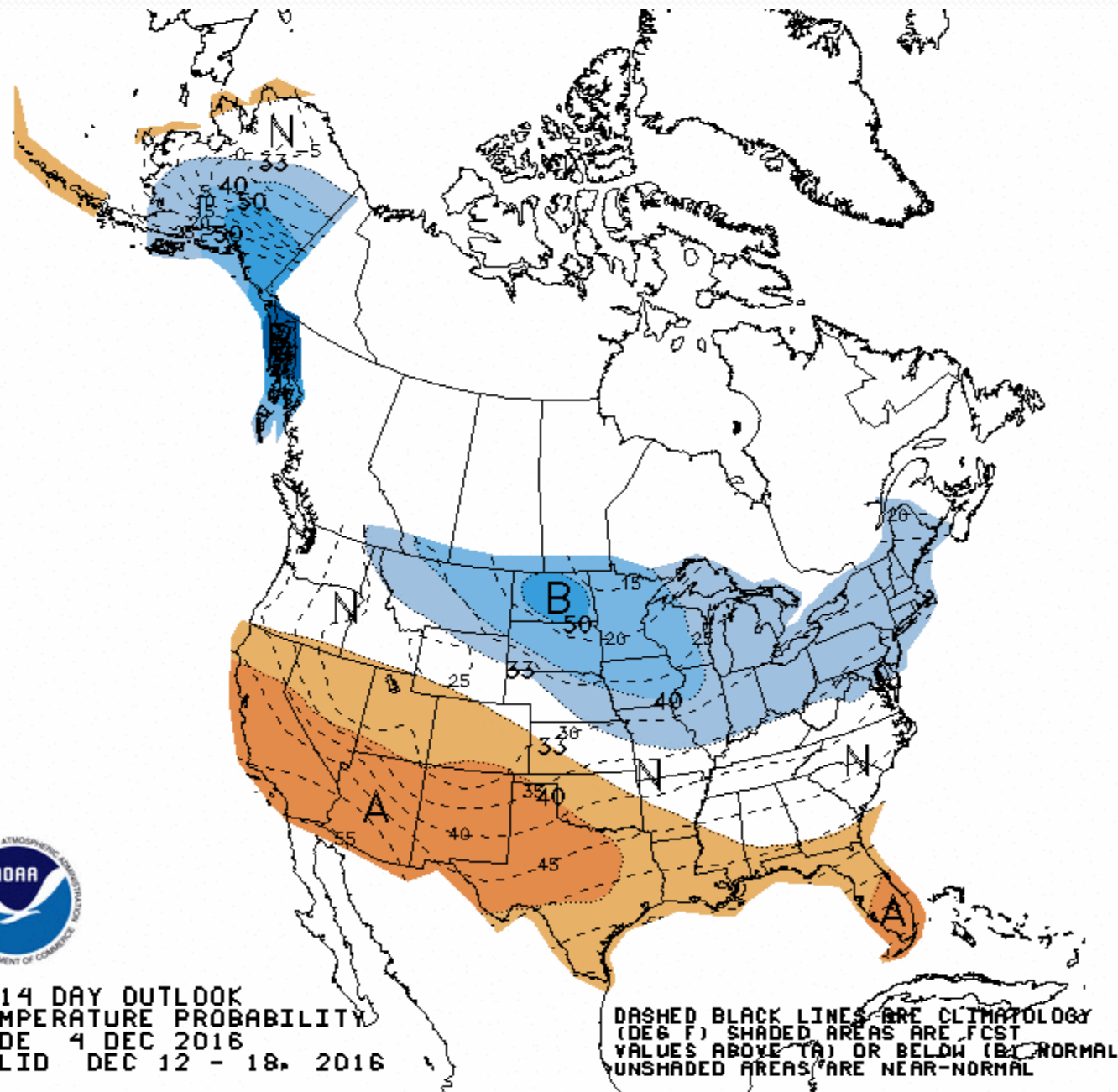
Drought Monitor Nov 29th, 2016



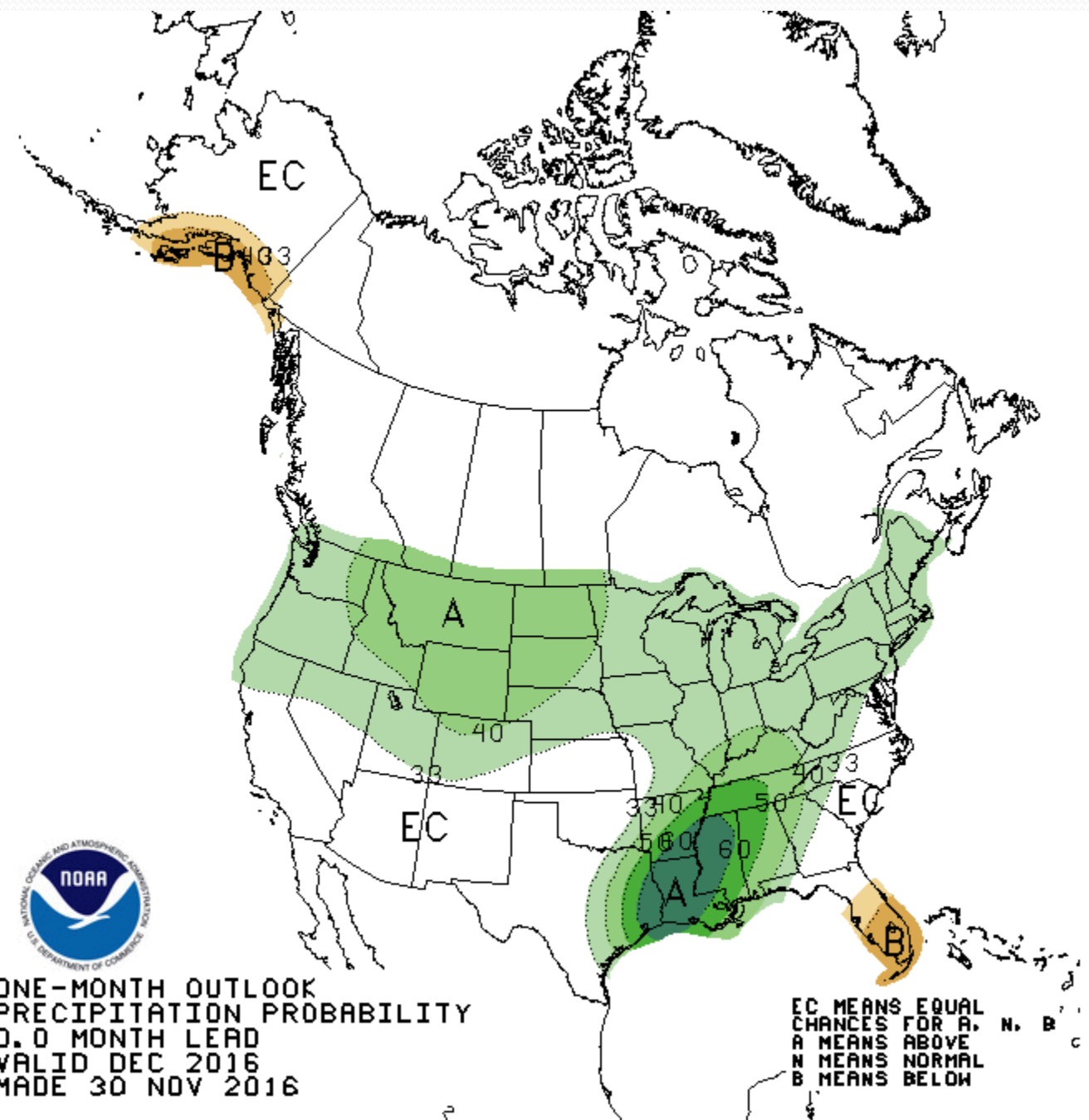
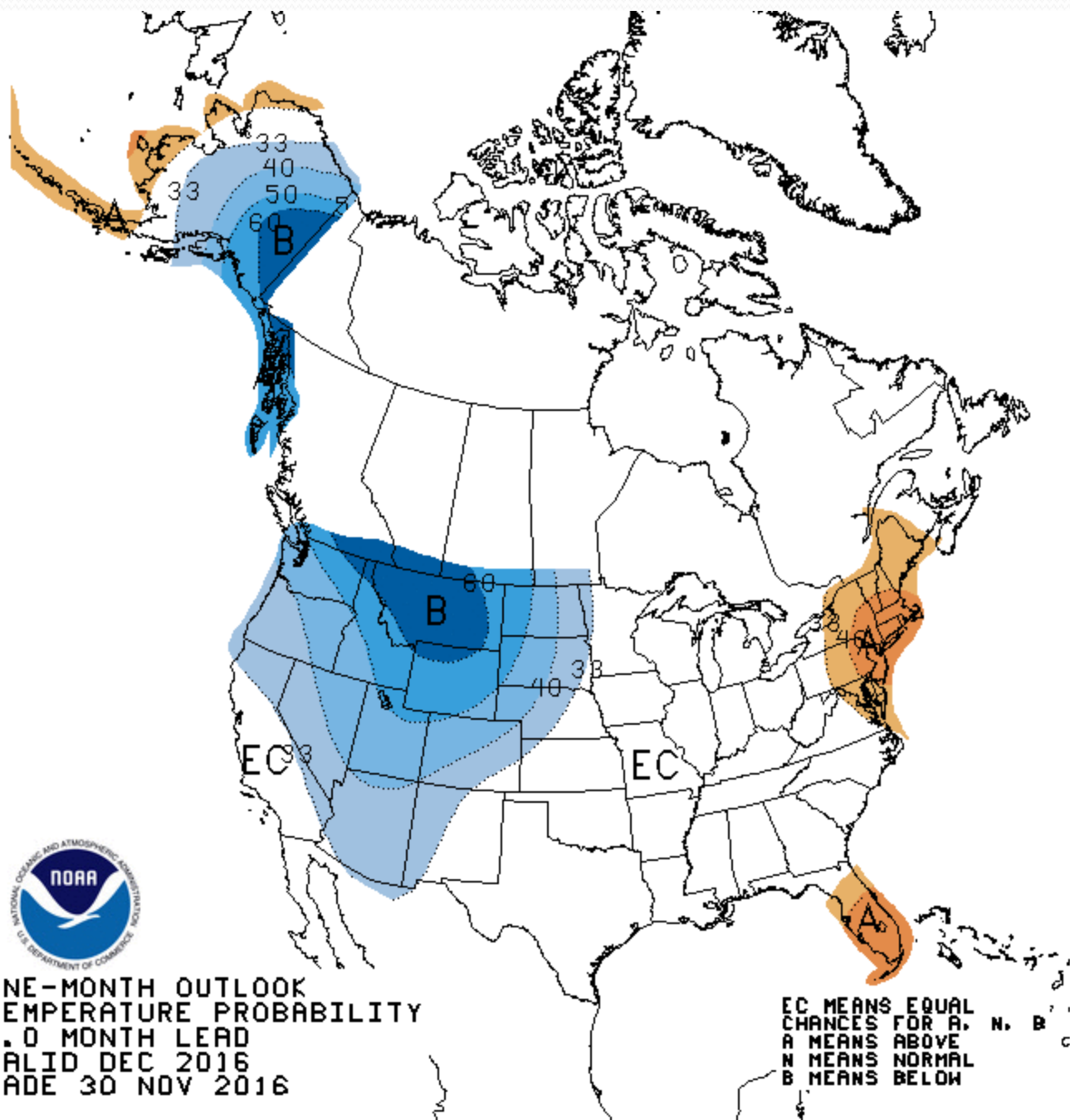
12/10-14/16 Outlook



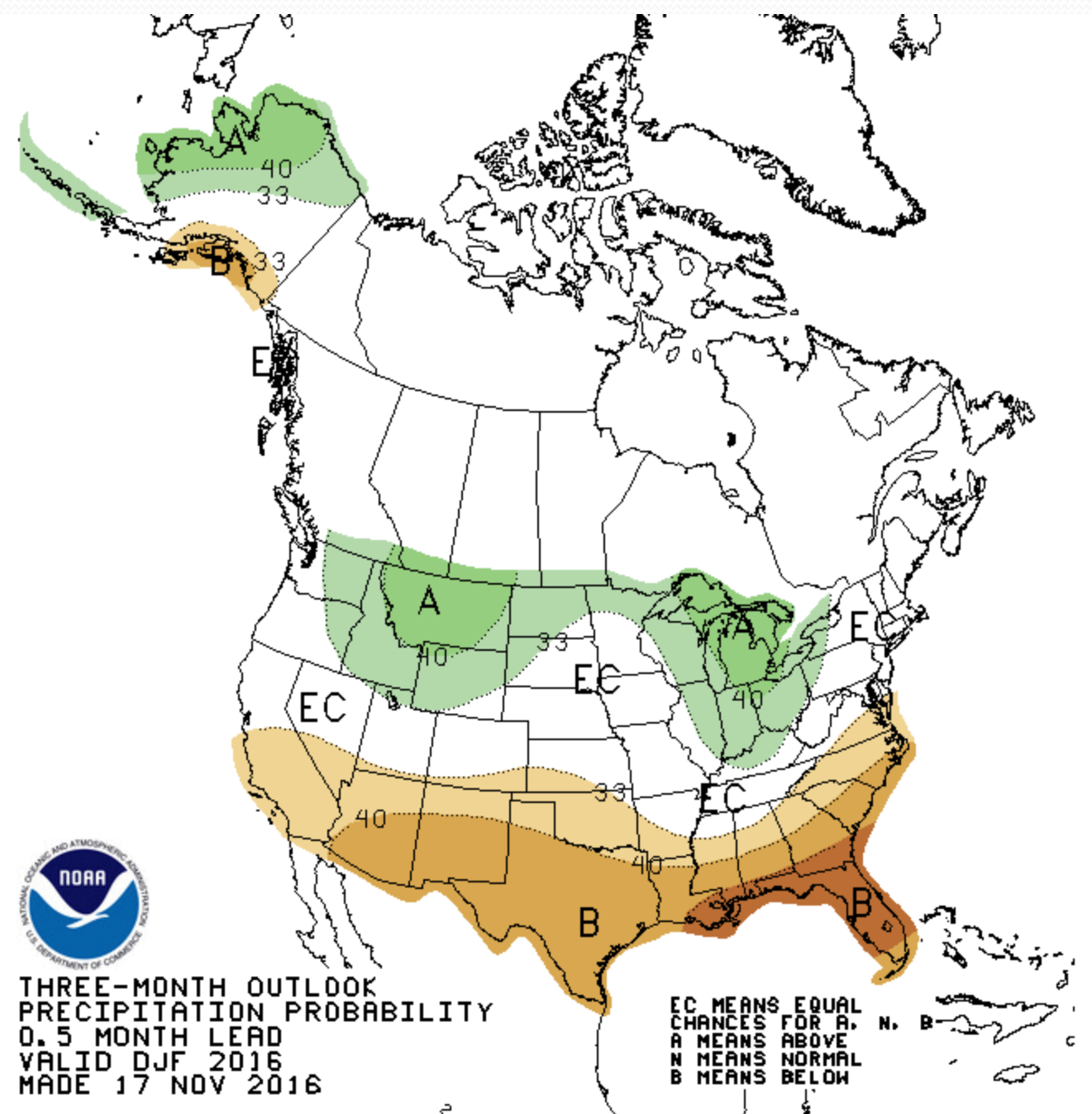
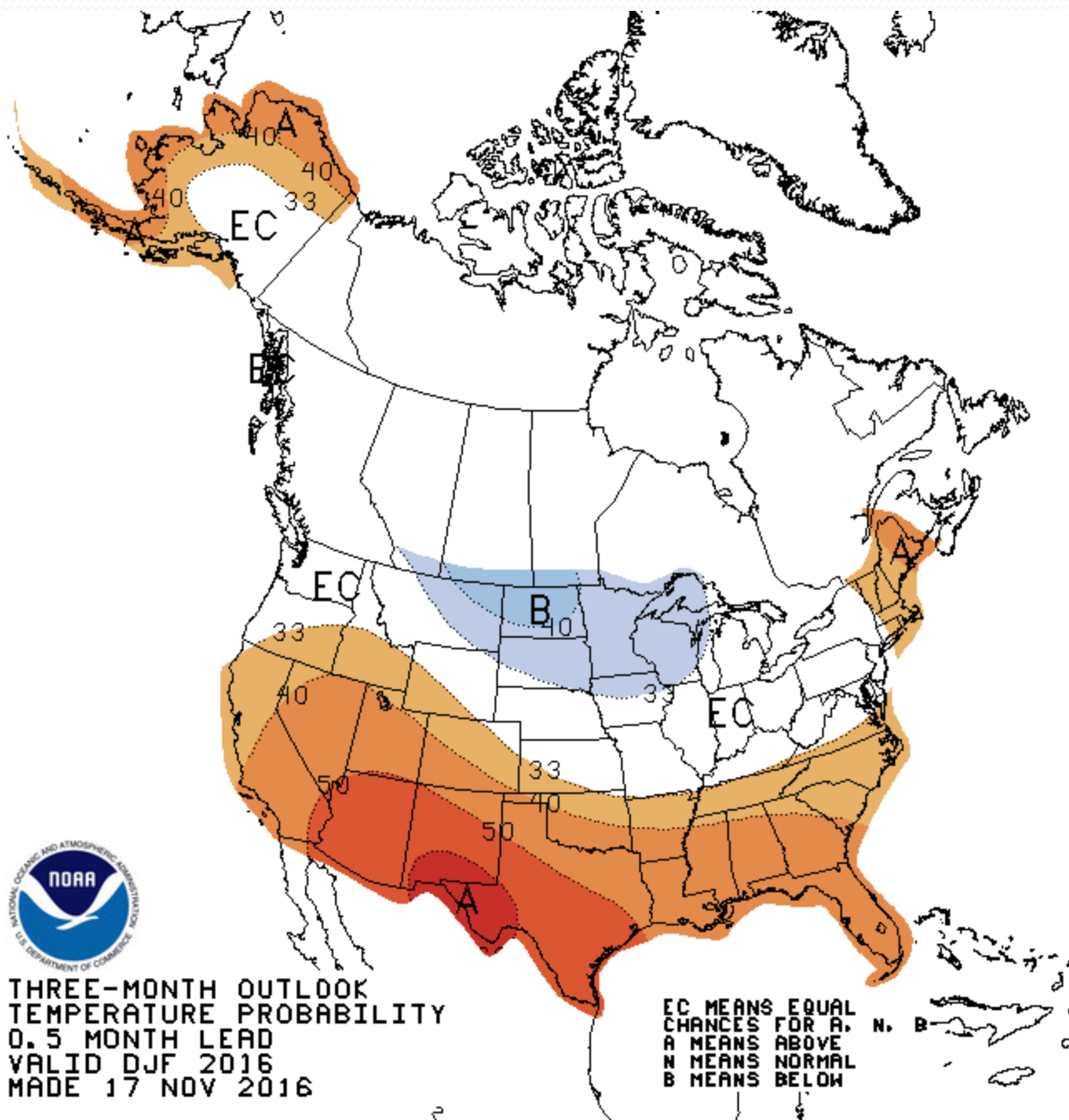
12/12-18/16 Outlook



Dec Temp & Precip Outlook



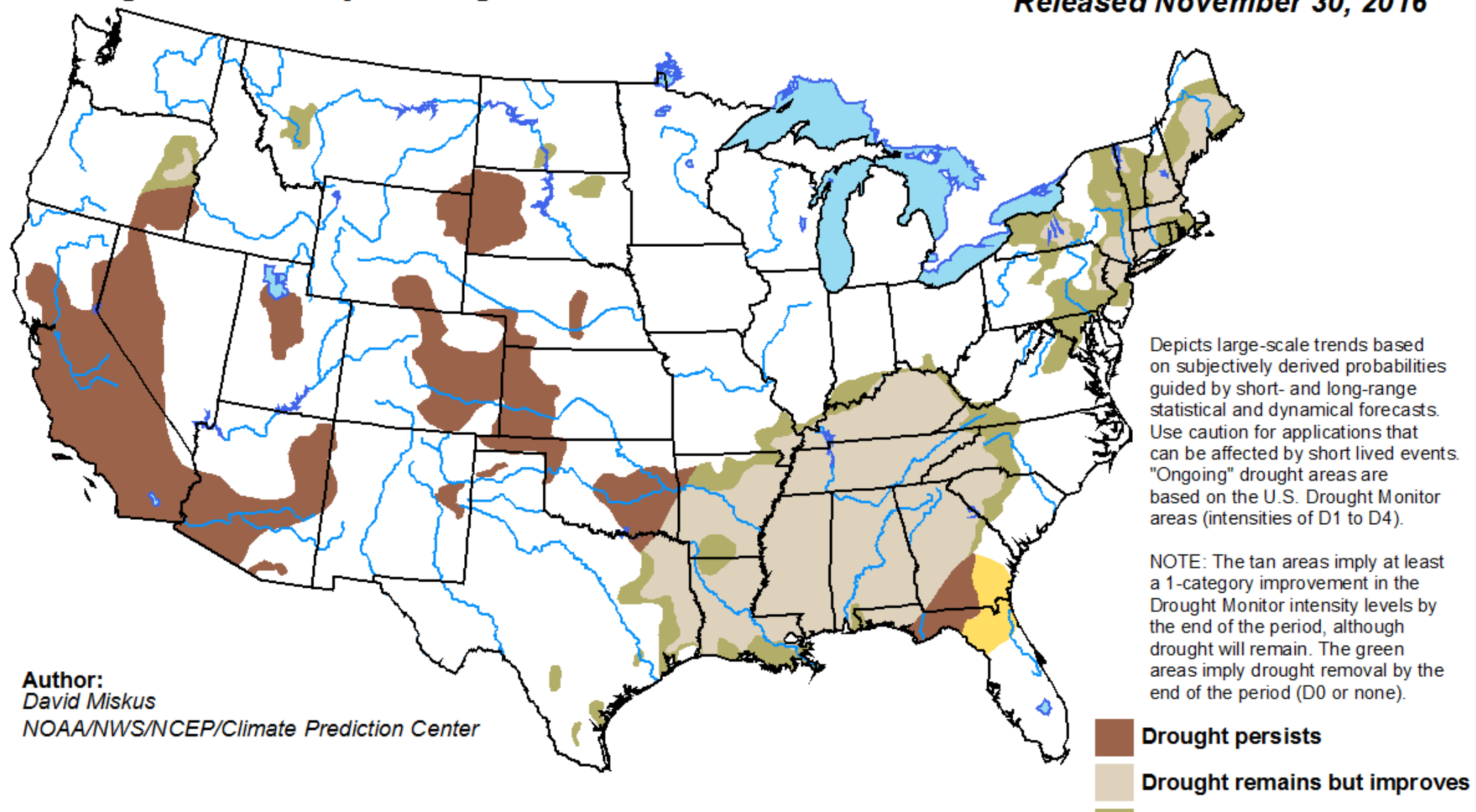
DJF Temp & Precip Outlook



Drought Outlook for Dec 2016

U.S. Monthly Drought Outlook Drought Tendency During the Valid Period

Valid for December 2016
Released November 30, 2016



Author:
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NOAA/NWS/NCEP/Climate Prediction Center

Seasonal Drought Outlook

U.S. Seasonal Drought Outlook Valid for November 17 - February 28, 2017
Drought Tendency During the Valid Period Released November 17, 2016

