

Massachusetts Drought Management Task Force Meeting NWS Update

National Weather Service

Thursday, October 10th

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NWS Boston/Norton MA**

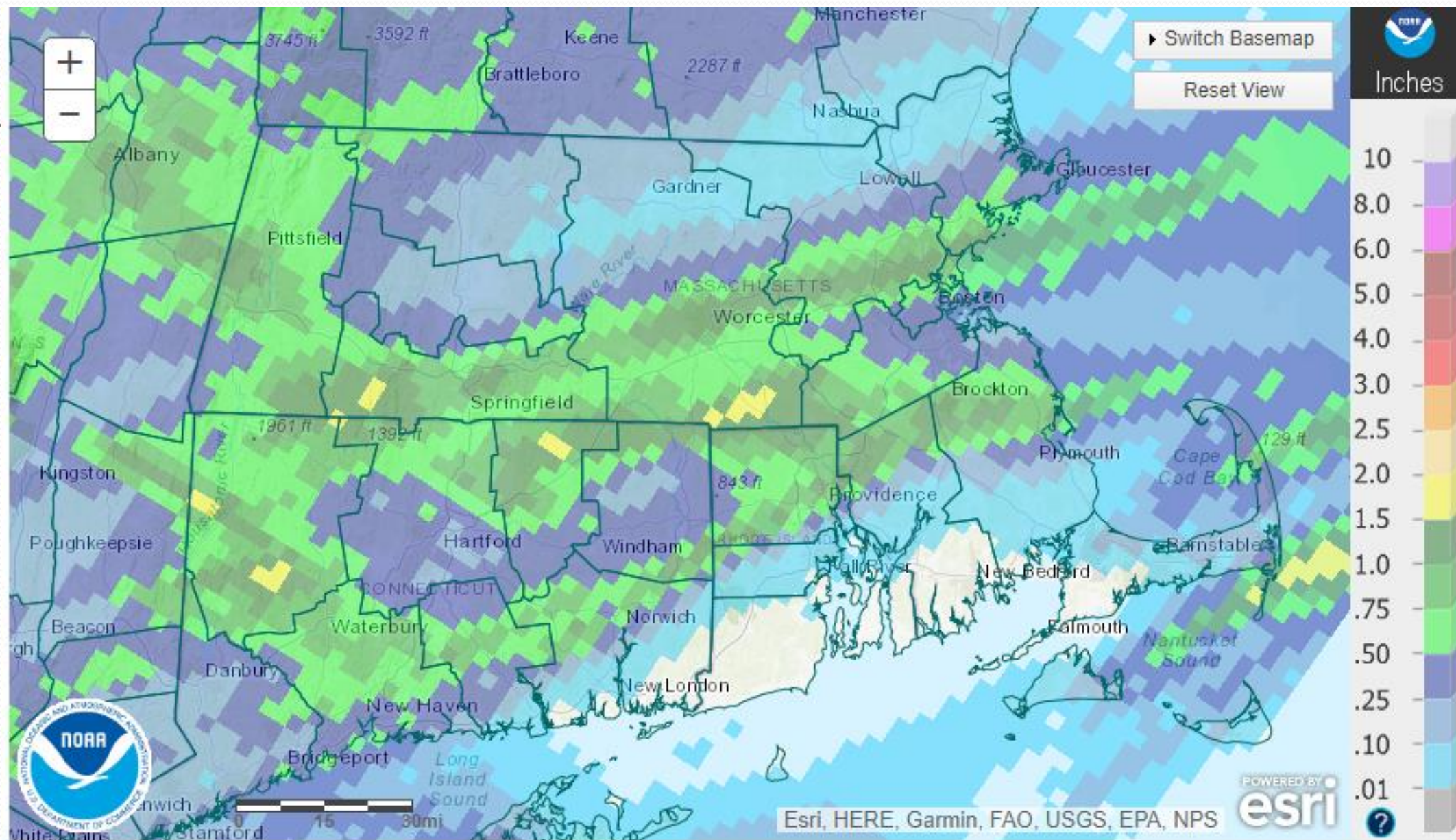


September Overview

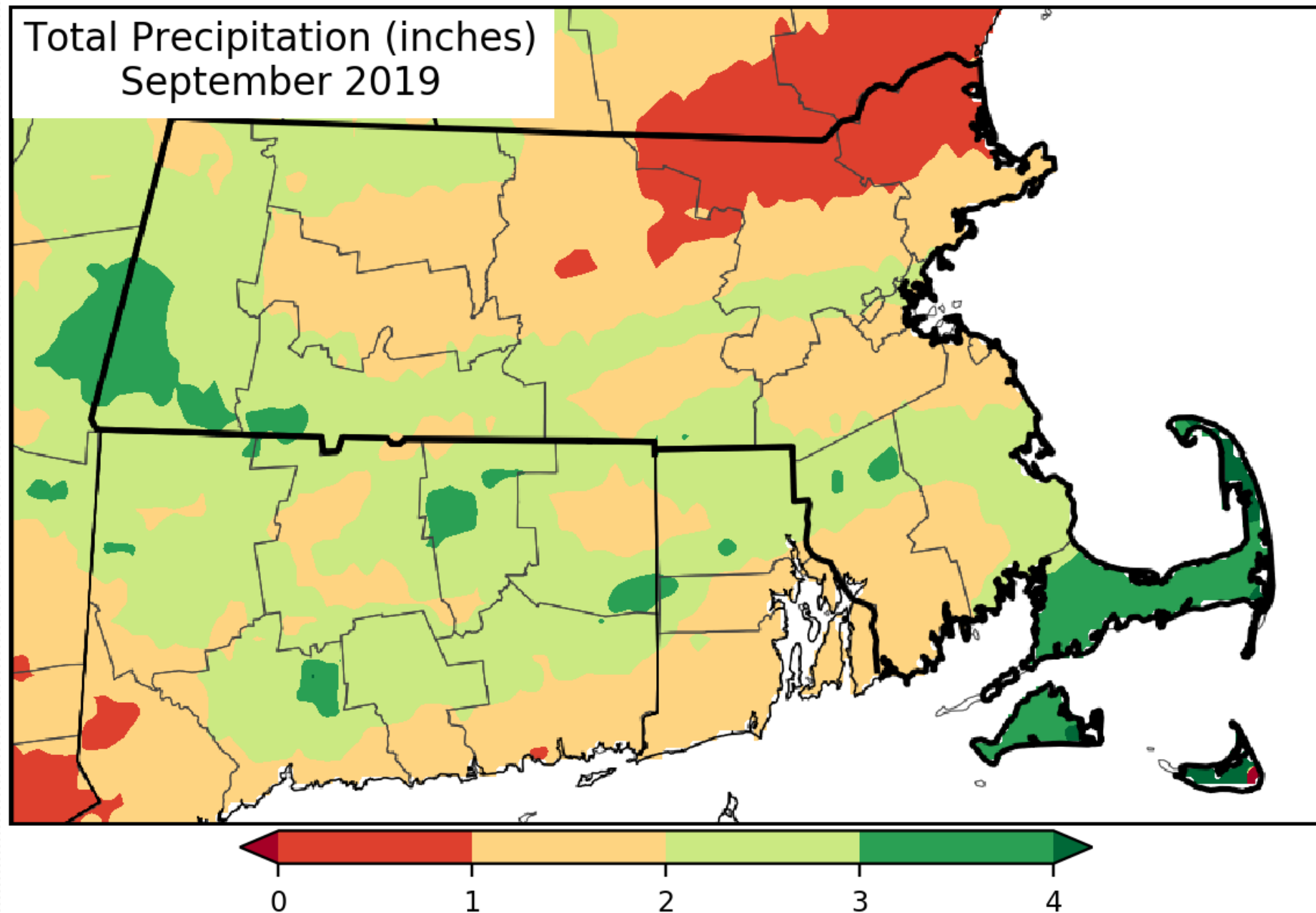
- Below normal rainfall (closer to normal Cape/Islands)
- ‘Biggest’ rain events:
 - 9/2: Showers 0.5”-2” but many locations had <0.5”
 - Dorian: Rainfall totals varied widely
- Otherwise high pressure prevailed for much of the month
 - Quick moving cold fronts produced light rainfall
- Temps- averaged near normal to 2+ deg above normal
- El Nino: Neutral

Dorian Rainfall- Sept 7th

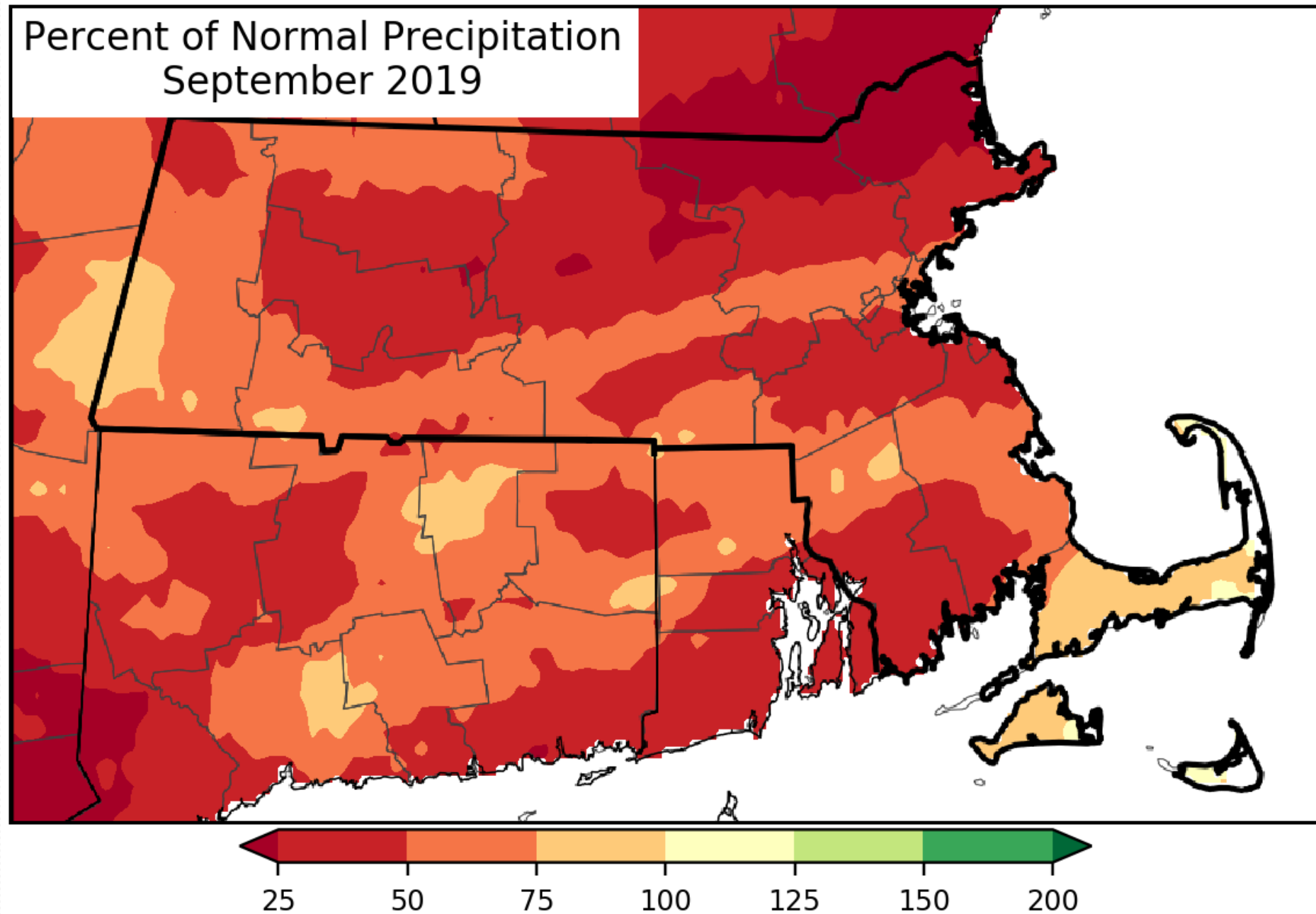
- Highest totals ~1.5-2.5”
Nantucket 3.15”
Some areas had Zero”
Wind Impacts:
- South Shore
 - Cape
 - Islands



September Rainfall



September Percent of Normal Rain

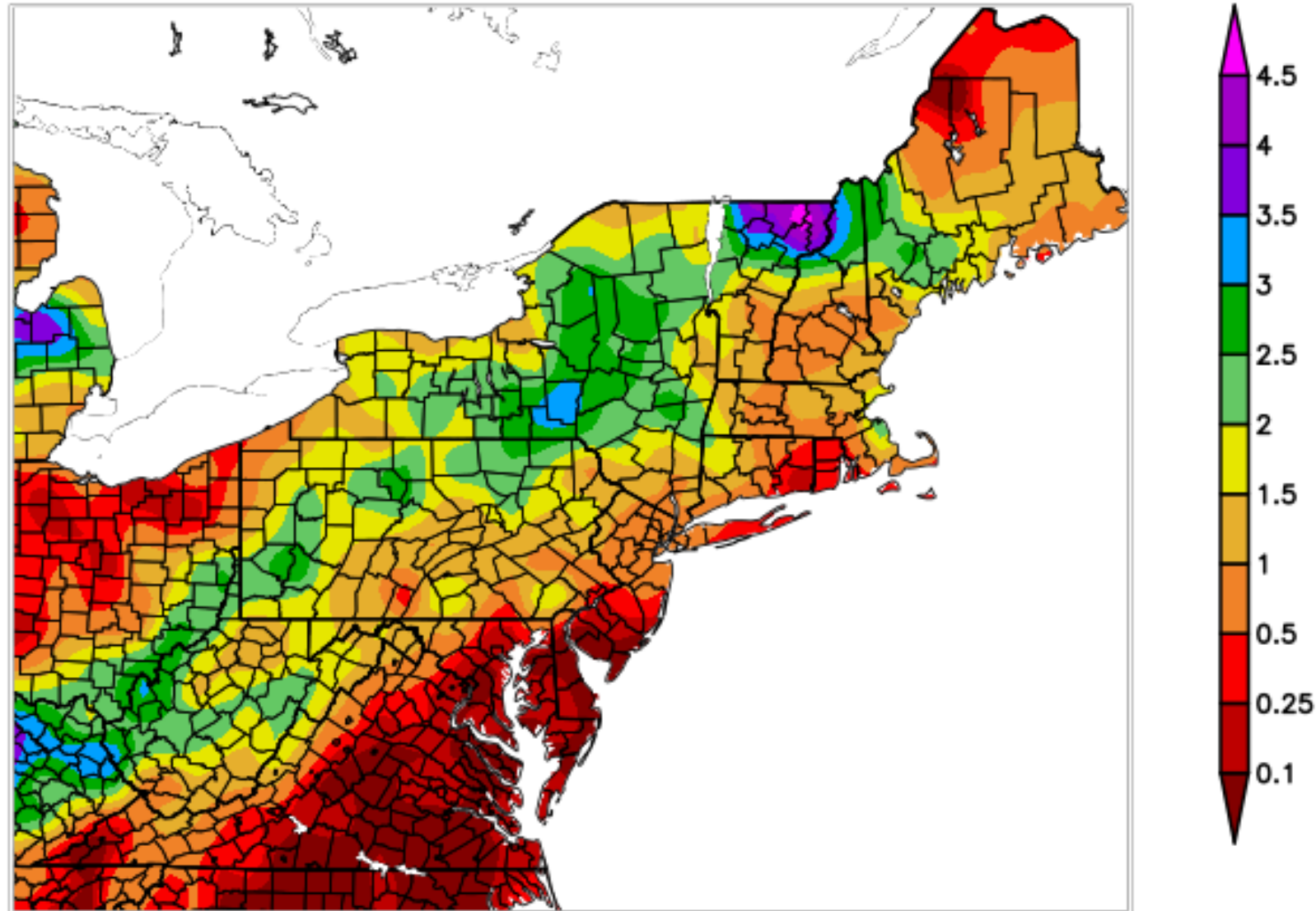


October Overview

- Periods of clouds/light rain and varying temperatures
- Below normal rain MTD except for North/South Shores
- Temps-average 0.5-1.5 degree F above normal
- Offshore storm- rain Wed (10/8) into Sat (10/11)
 - Blustery, temps mainly in the 40s and 50s
- Sunshine and seasonable Sun-next Tue
 - 60s for highs, upper 30s/40s for lows
- El Nino: Neutral

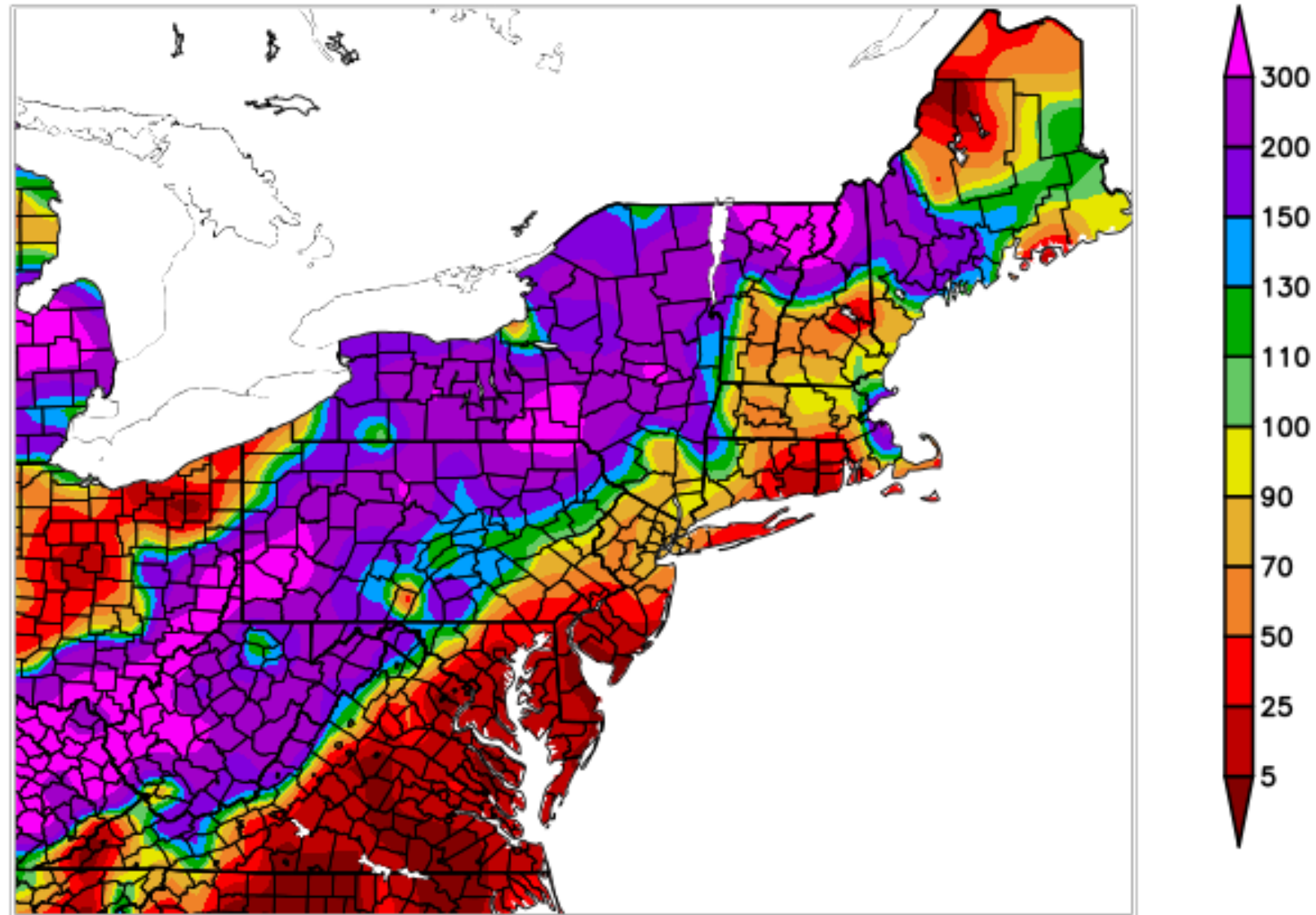
October MTD Rainfall

Precipitation (in)
10/1/2019 – 10/8/2019



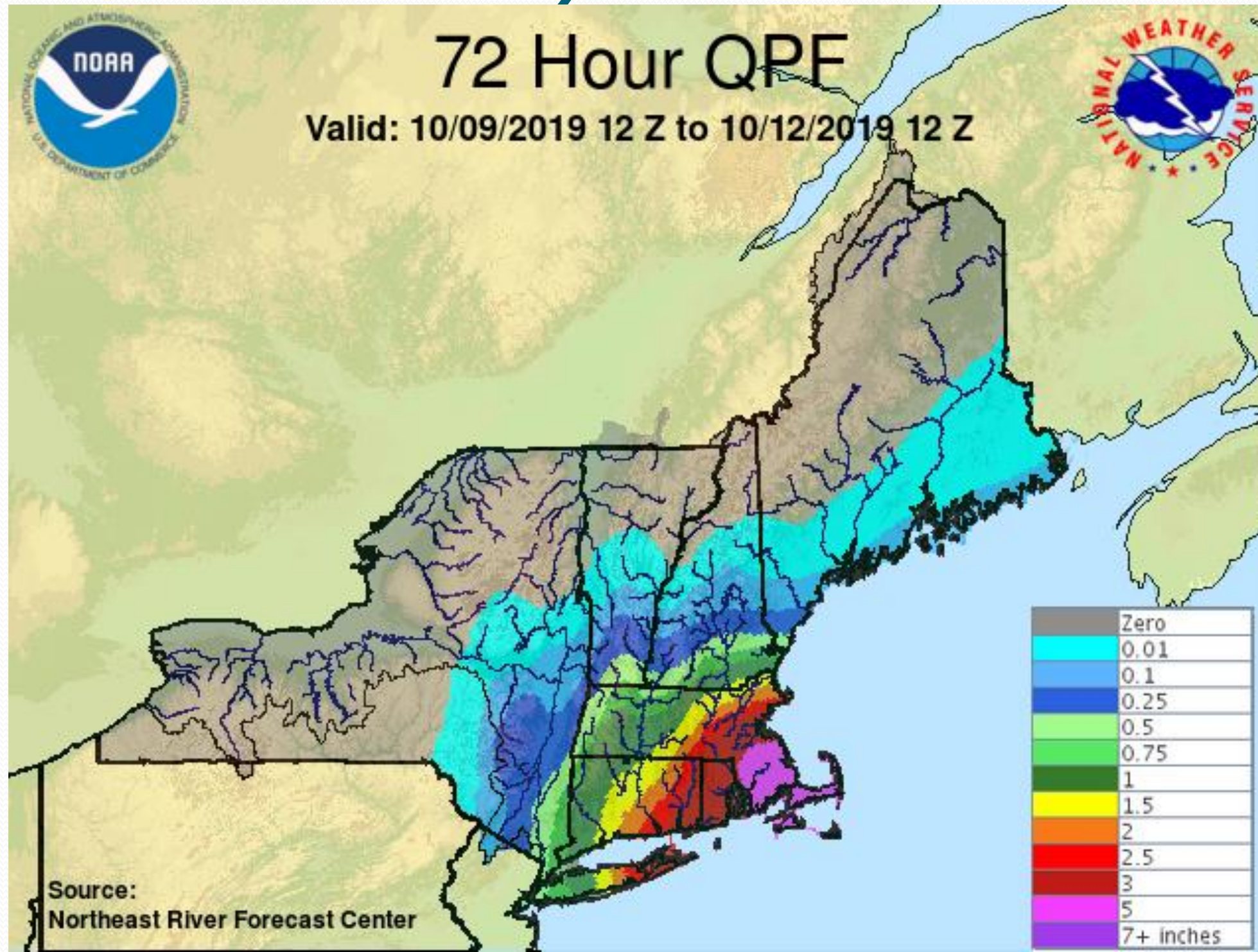
October MTD Percent of Normal

Percent of Normal Precipitation (%)
10/1/2019 – 10/8/2019

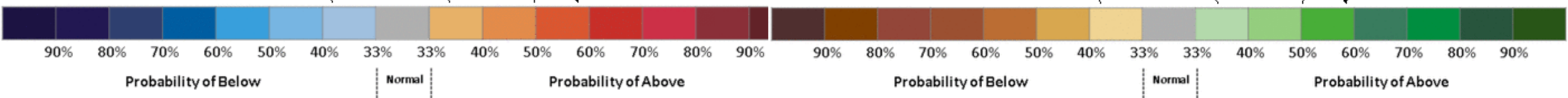
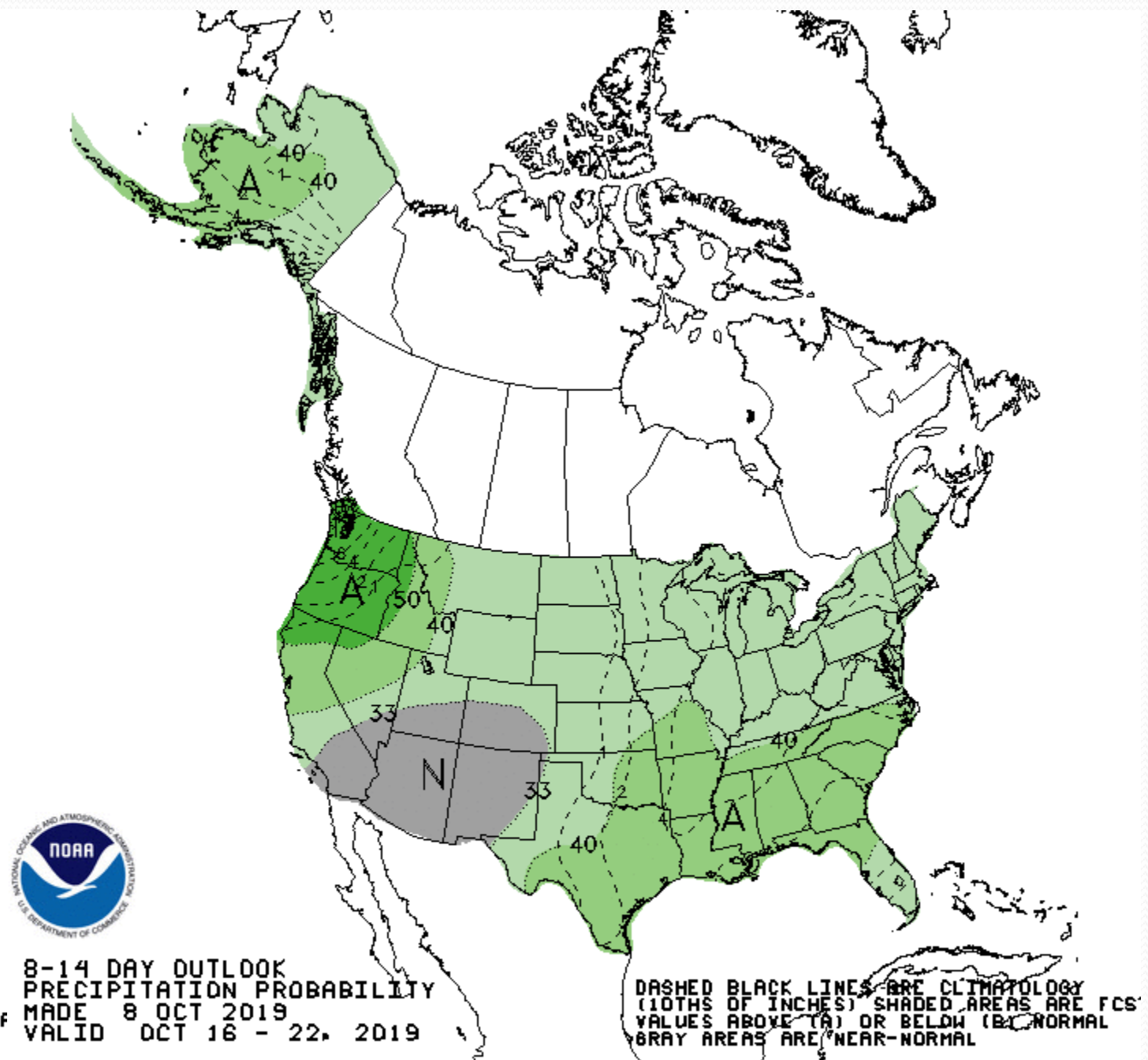
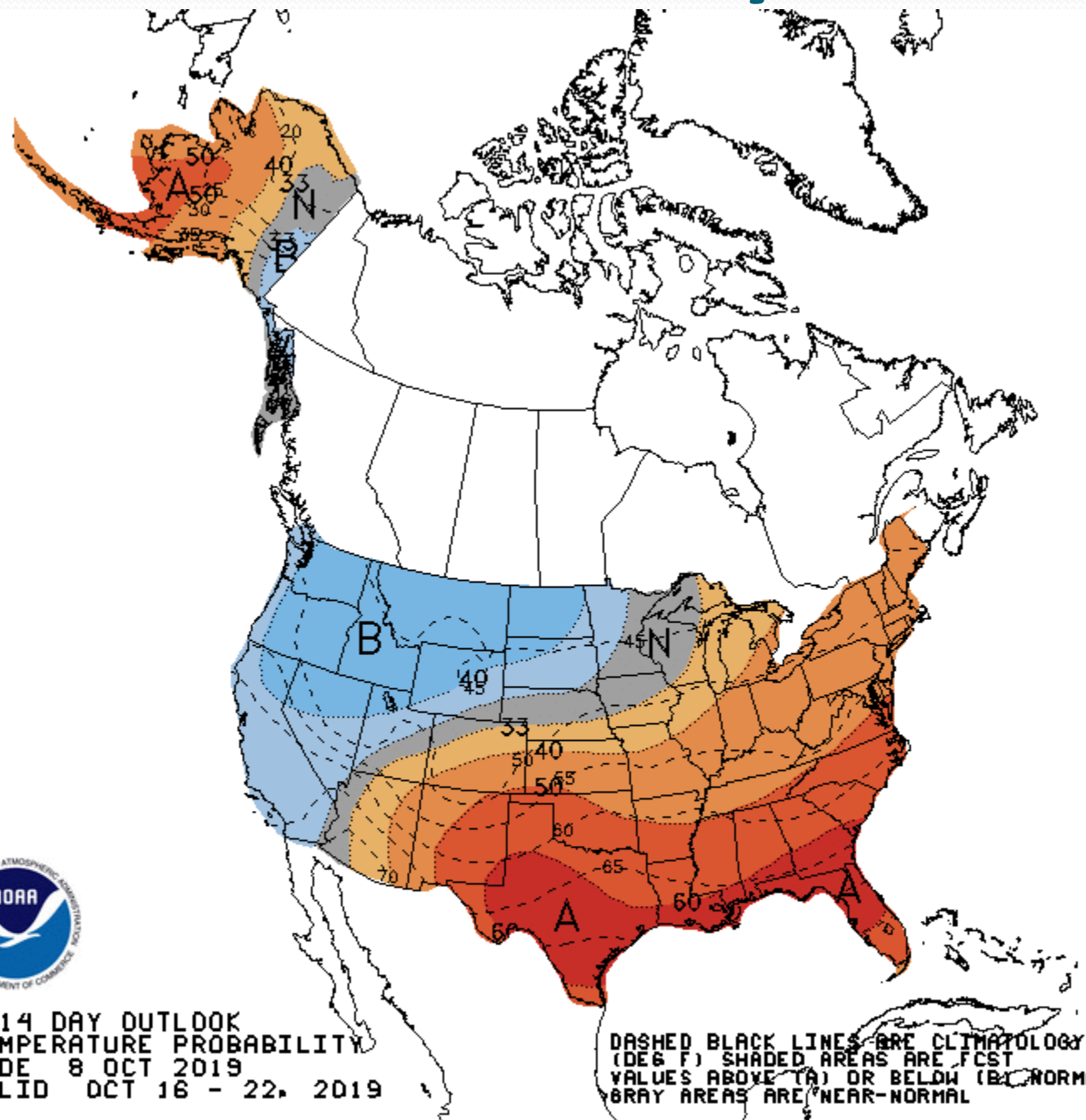


Forecast Rainfall 8am Wed-8 am Sat

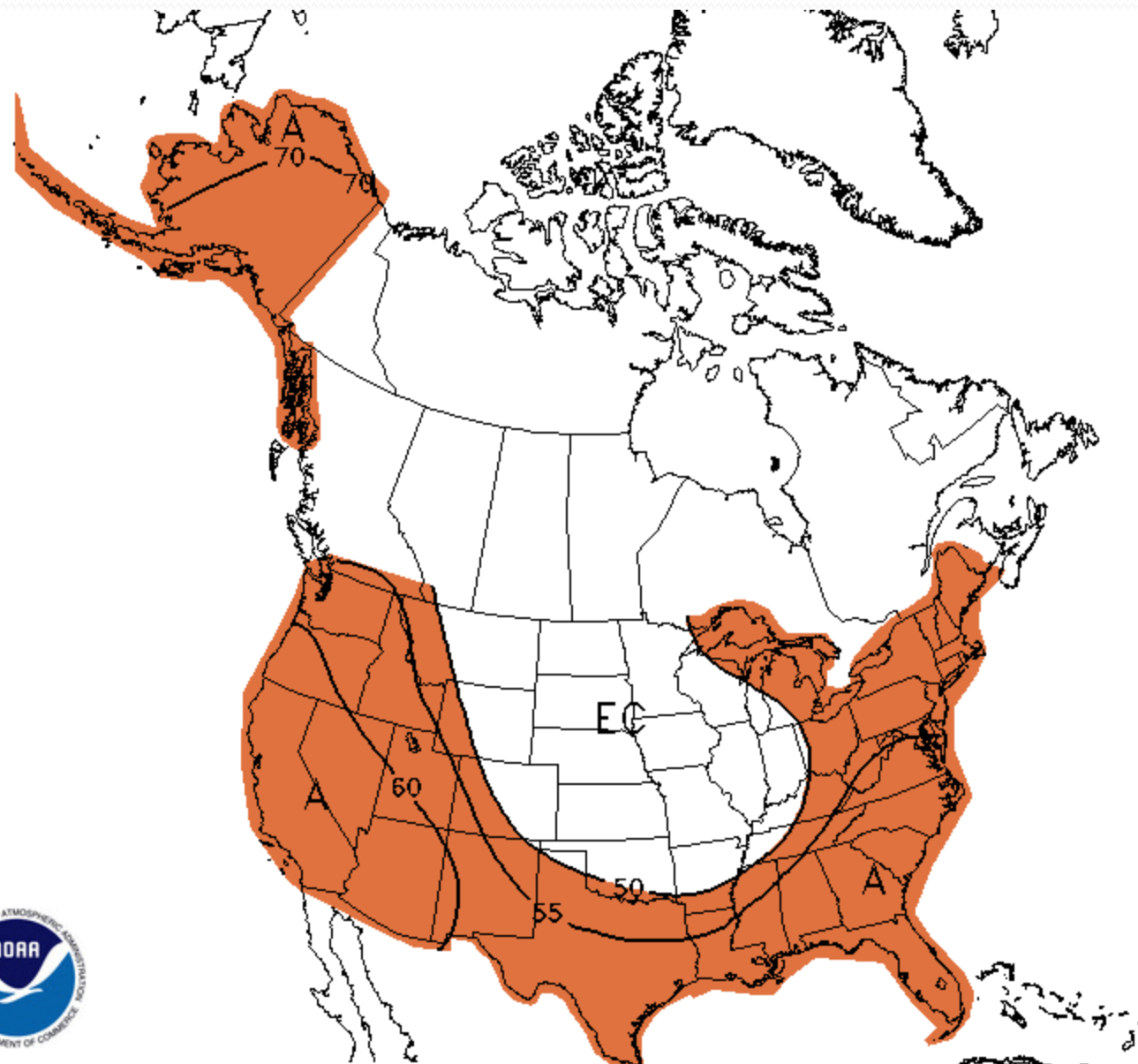
Oct 13-15: Dry and seasonable



8-14 Day Outlook: Oct 16-22

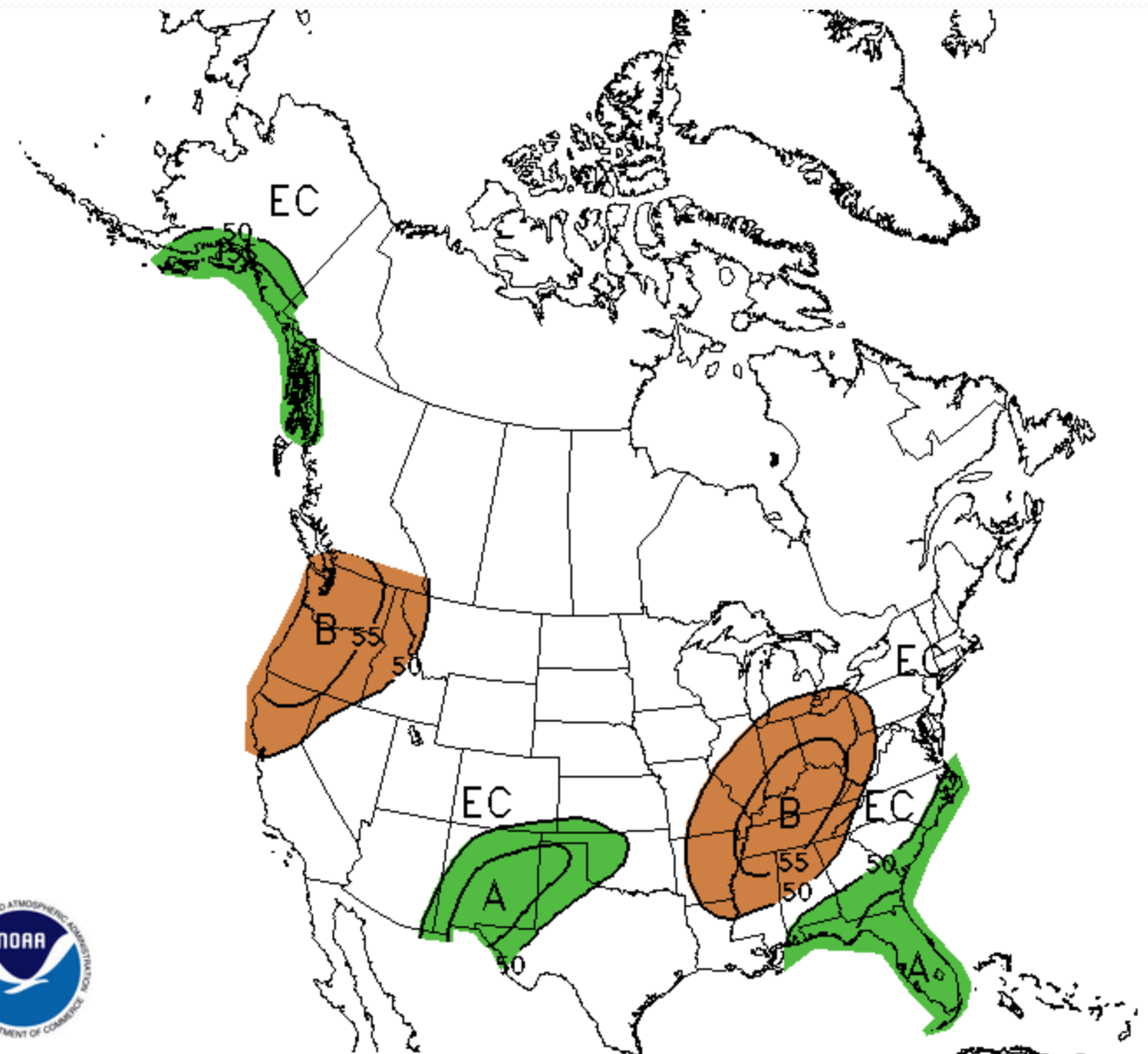


3-4 Week Outlook- 2nd half Oct



WEEK 3-4 OUTLOOK
TEMPERATURE PROBABILITY
MADE 4 OCT 2019
VALID OCT 19 - NOV 01, 2019

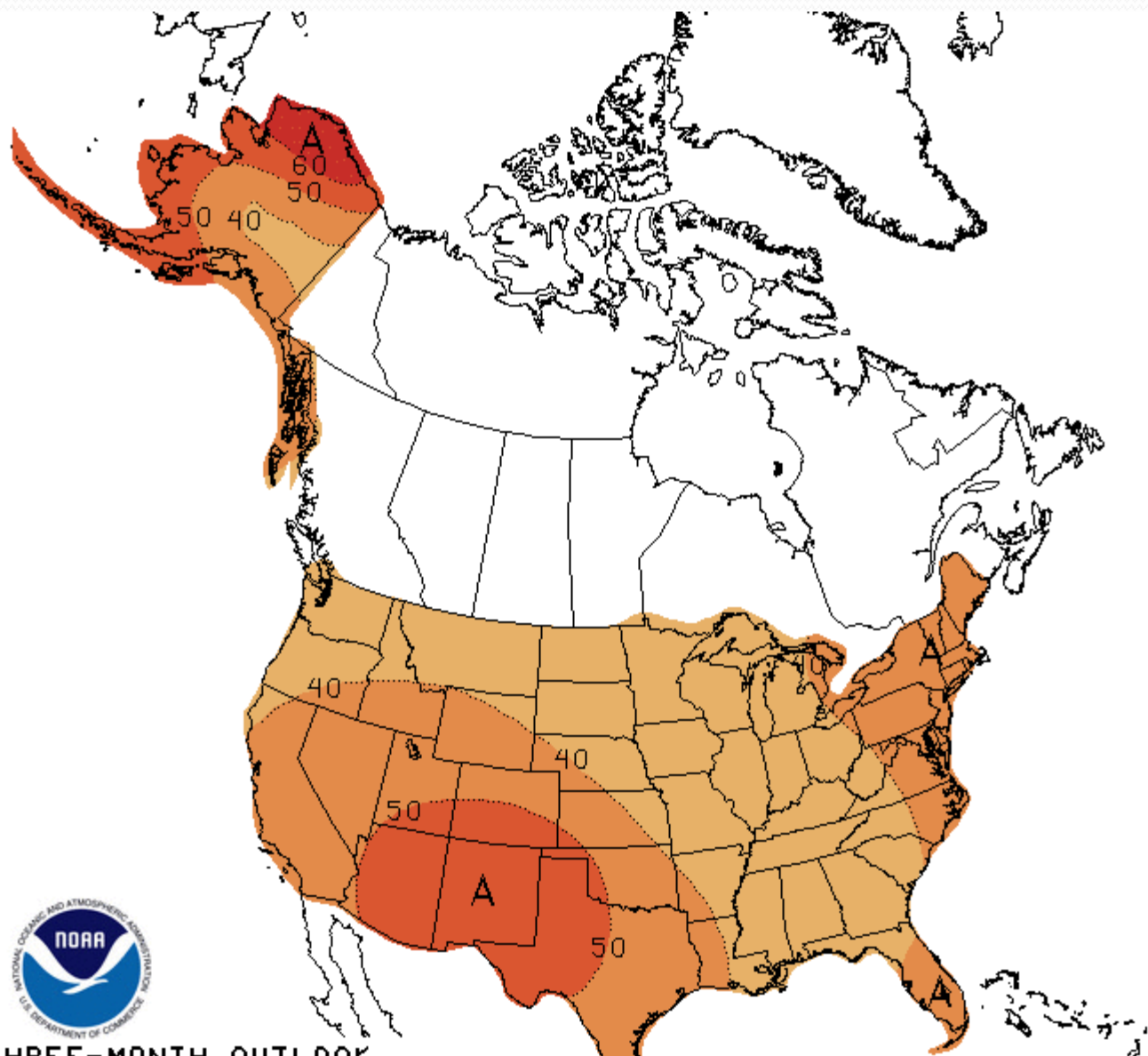
EC MEANS 50/50 CHANCES
FOR ABOVE OR BELOW
A MEANS ABOVE NORMAL
B MEANS BELOW NORMAL



WEEK 3-4 EXPERIMENTAL OUTLOOK
PRECIPITATION PROBABILITY
MADE 4 OCT 2019
VALID OCT 19 - NOV 01, 2019

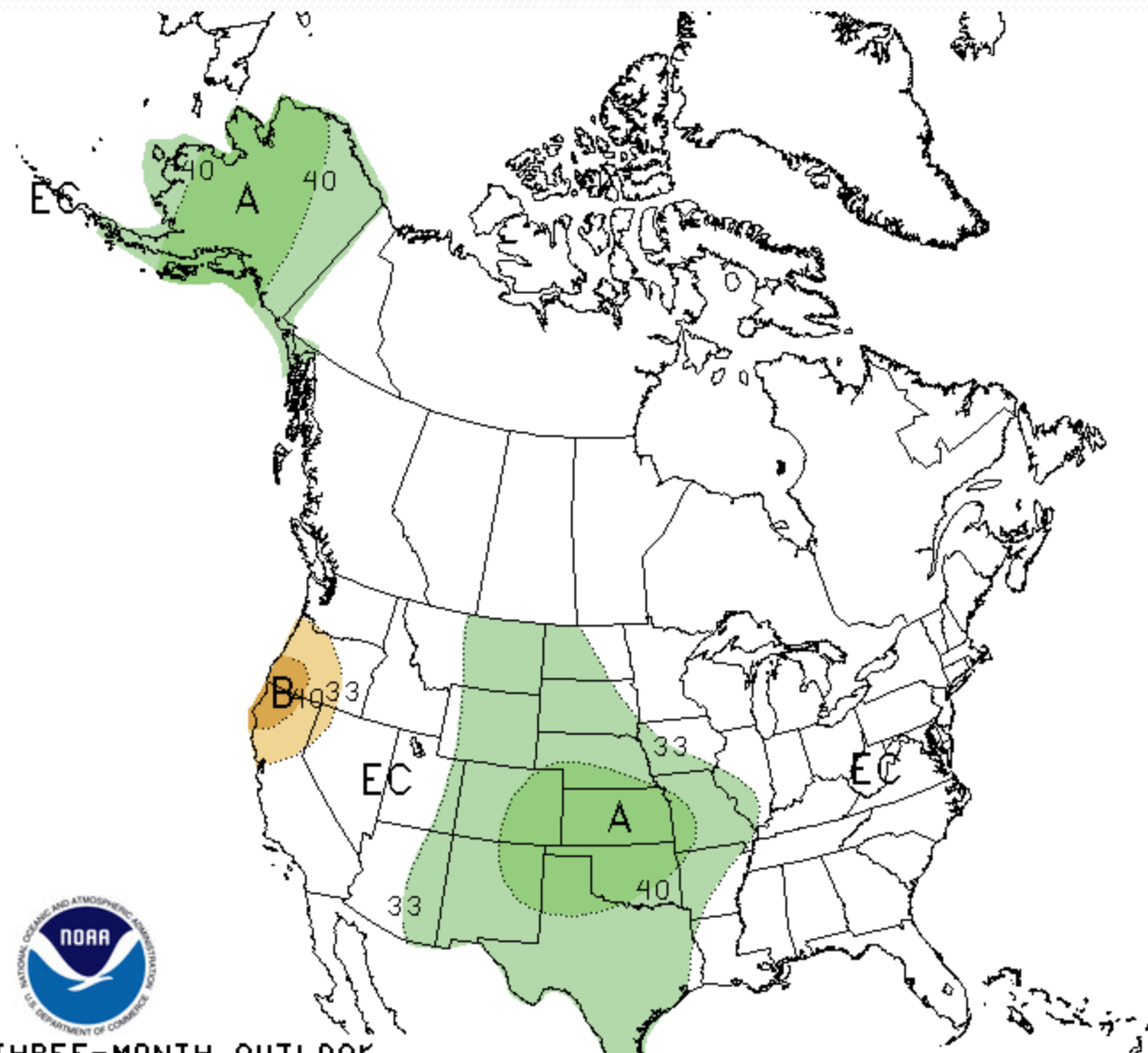
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Outlook for Nov-Dec-Jan



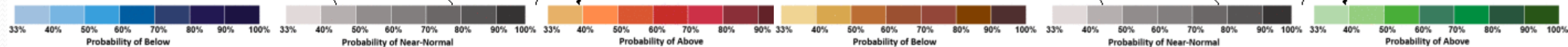
THREE-MONTH OUTLOOK
TEMPERATURE PROBABILITY
1.5 MONTH LEAD
VALID NDJ 2019
MADE 19 SEP 2019

EC MEANS EQUAL
CHANCES FOR A, N, B
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW



THREE-MONTH OUTLOOK
PRECIPITATION PROBABILITY
1.5 MONTH LEAD
VALID NDJ 2019
MADE 19 SEP 2019

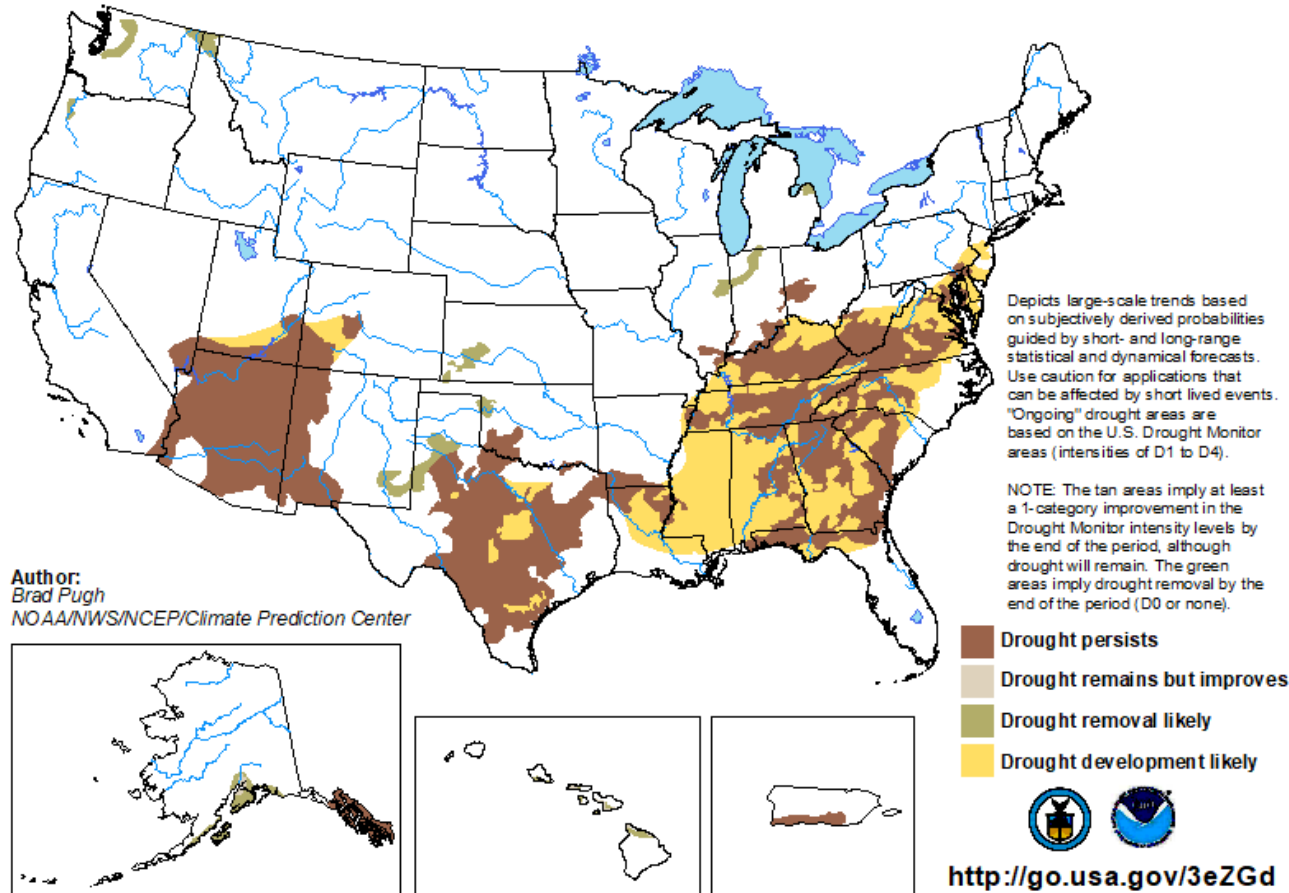
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Drought outlook Oct-Dec

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

Valid for October 2019
Released September 30, 2019



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

Valid for September 19 - December 31, 2019
Released September 19

