Massachusetts Drought Task Force Meeting NWS Update

National Weather Service

Thursday Jan 5th, 2017

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National Weather Service Boston, MA

Highlights

December brought:

Generally near normal or somewhat above normal precipitation Except below normal precipitation across southeastern MA

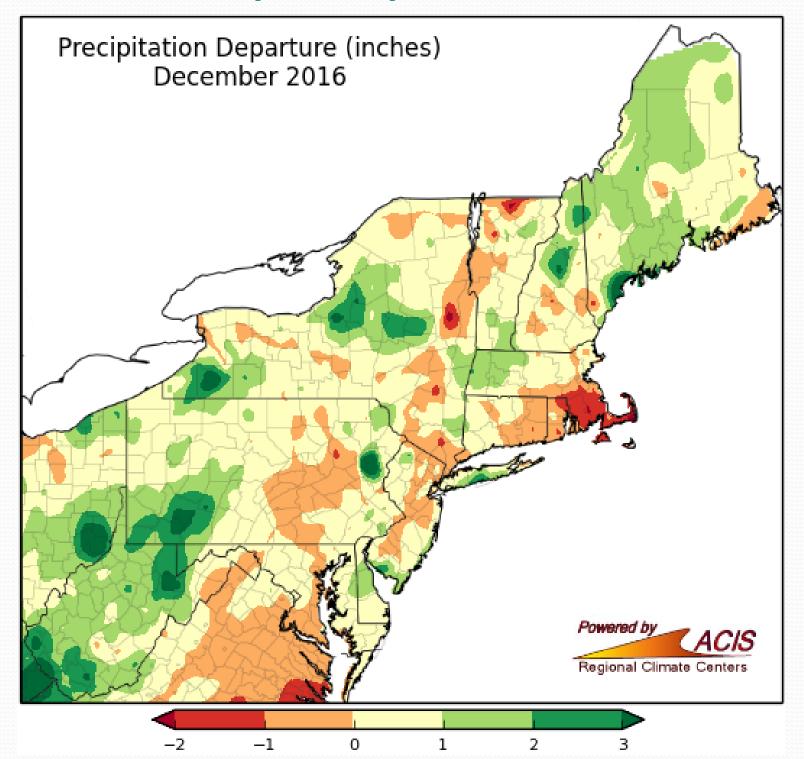
The Past Seven Days brought:

Beneficial precipitation (rain and melted snow) to Massachusetts Precipitation fell over multiple events

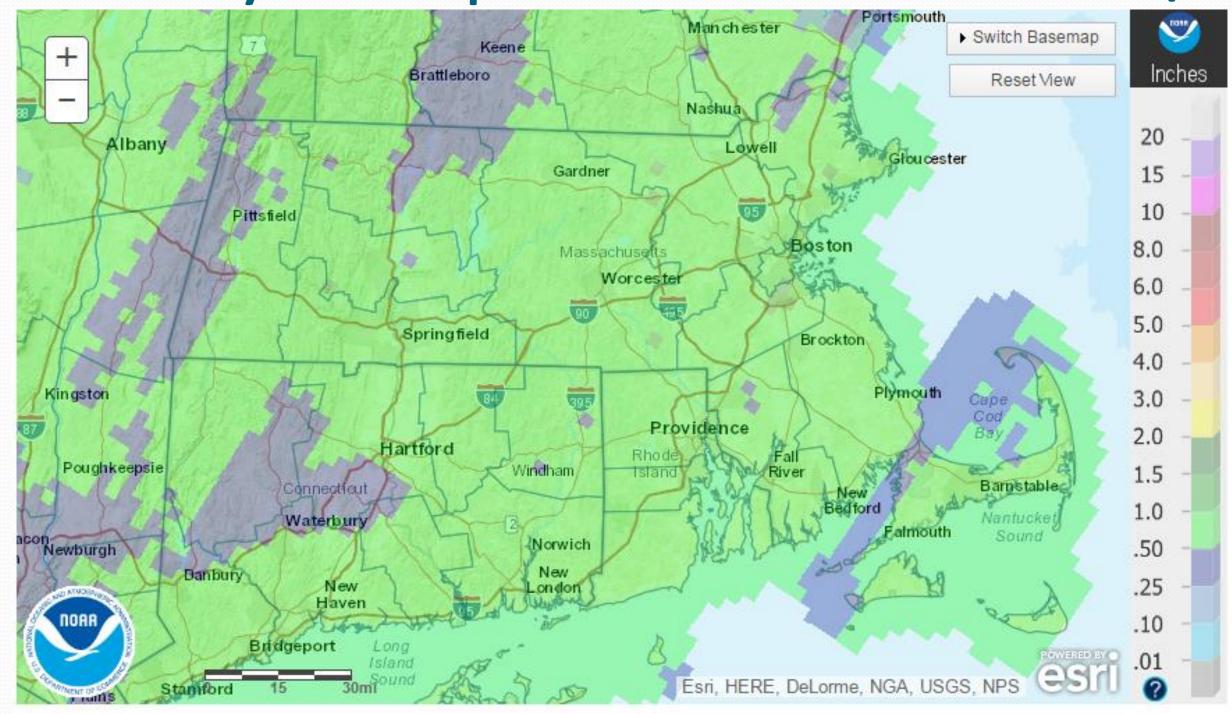
Snowpack is getting off to a slow start, but not far below normal for early Jan

Forecast: An active weather pattern may allow for normal to above normal precipitation over the next 2 weeks

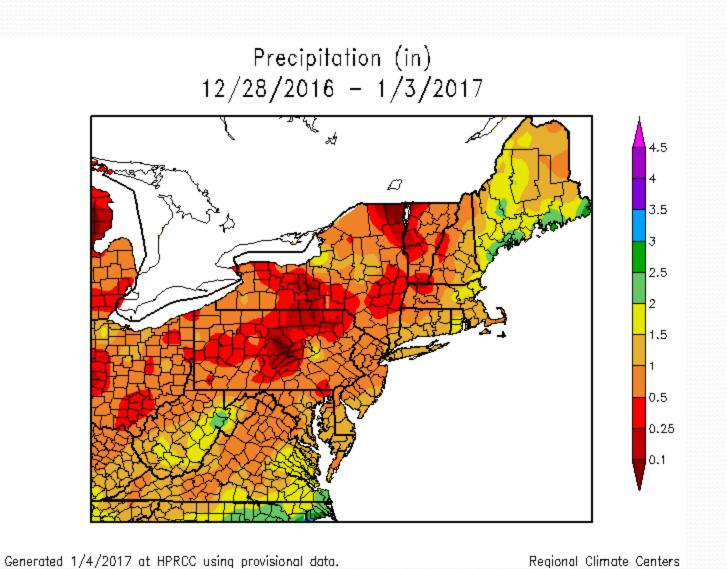
December Precip Departure from Normal

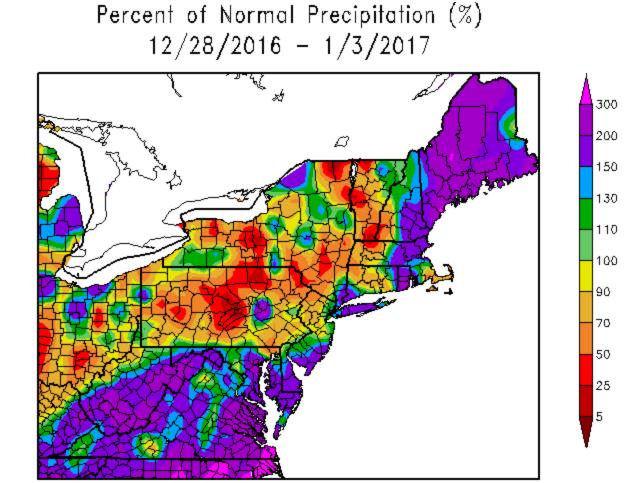


January Precipitation Thru 7 am 1/4



7 Day Precip and Percent of Normal

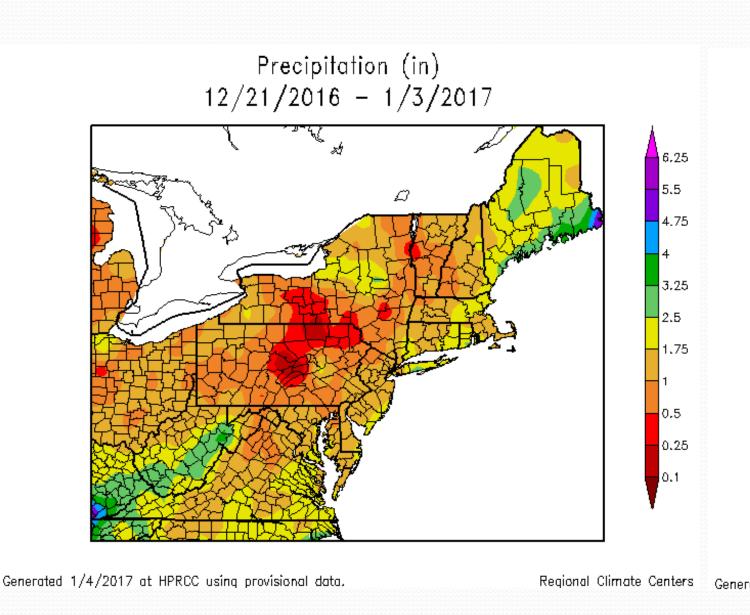


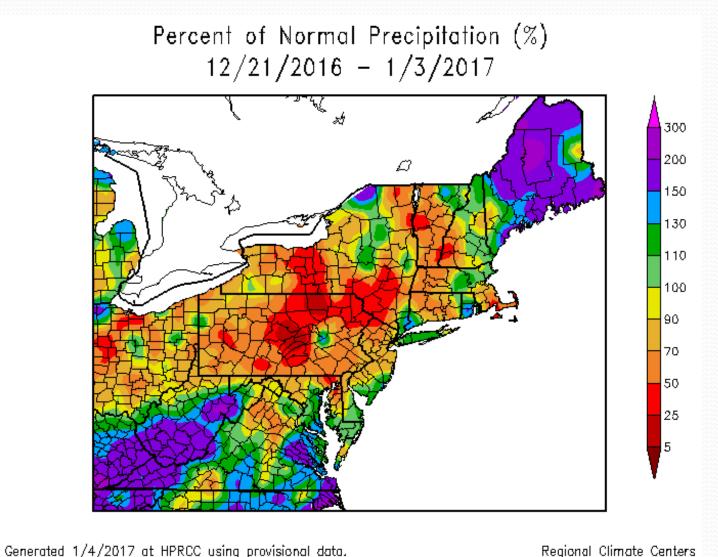


Regional Climate Centers

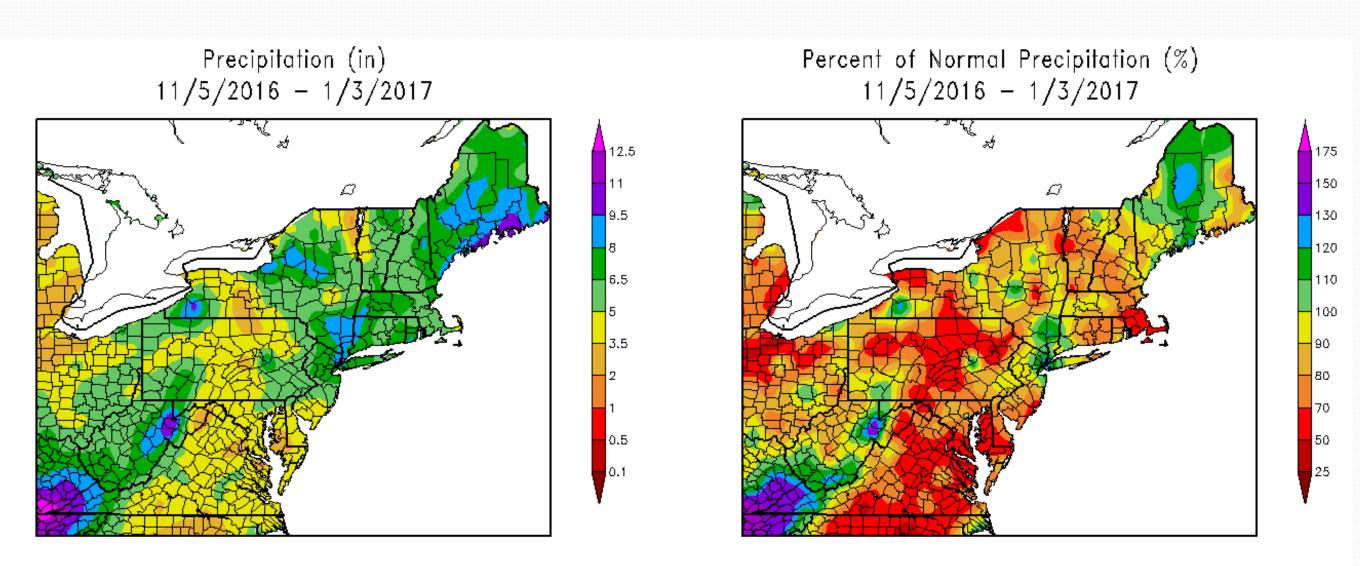
Generated 1/4/2017 at HPRCC using provisional data.

14 Day Precip and Percent of Normal



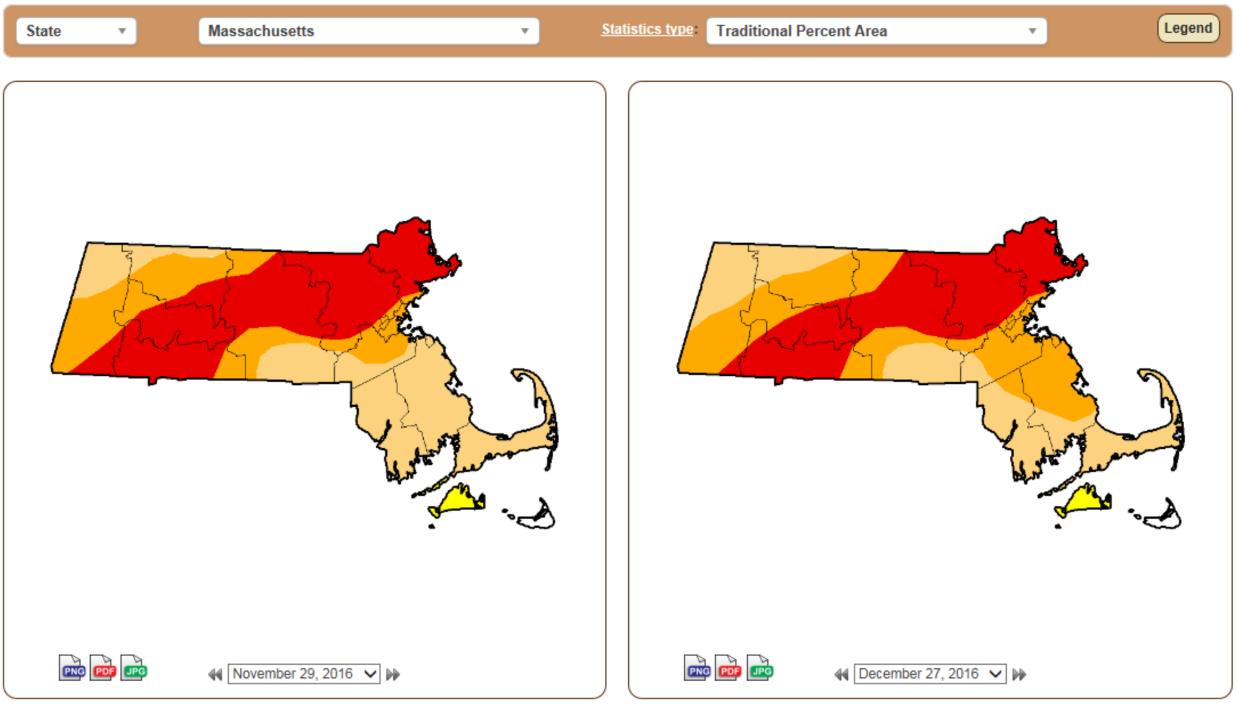


60 Day Precip and Percent of Normal



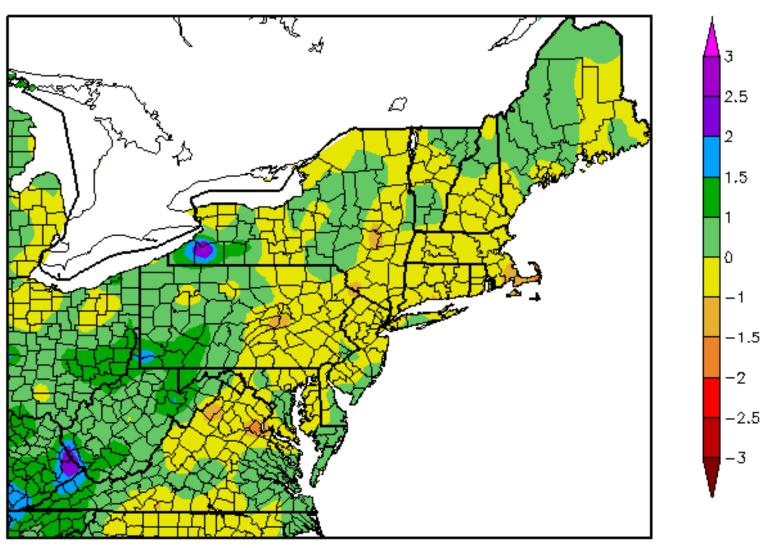
Drought Monitor 11/29 vs. 12/27

U.S. Drought Monitor Weekly Comparison



SPI From HPRCC

30 Day SPI 12/5/2016 - 1/3/2017

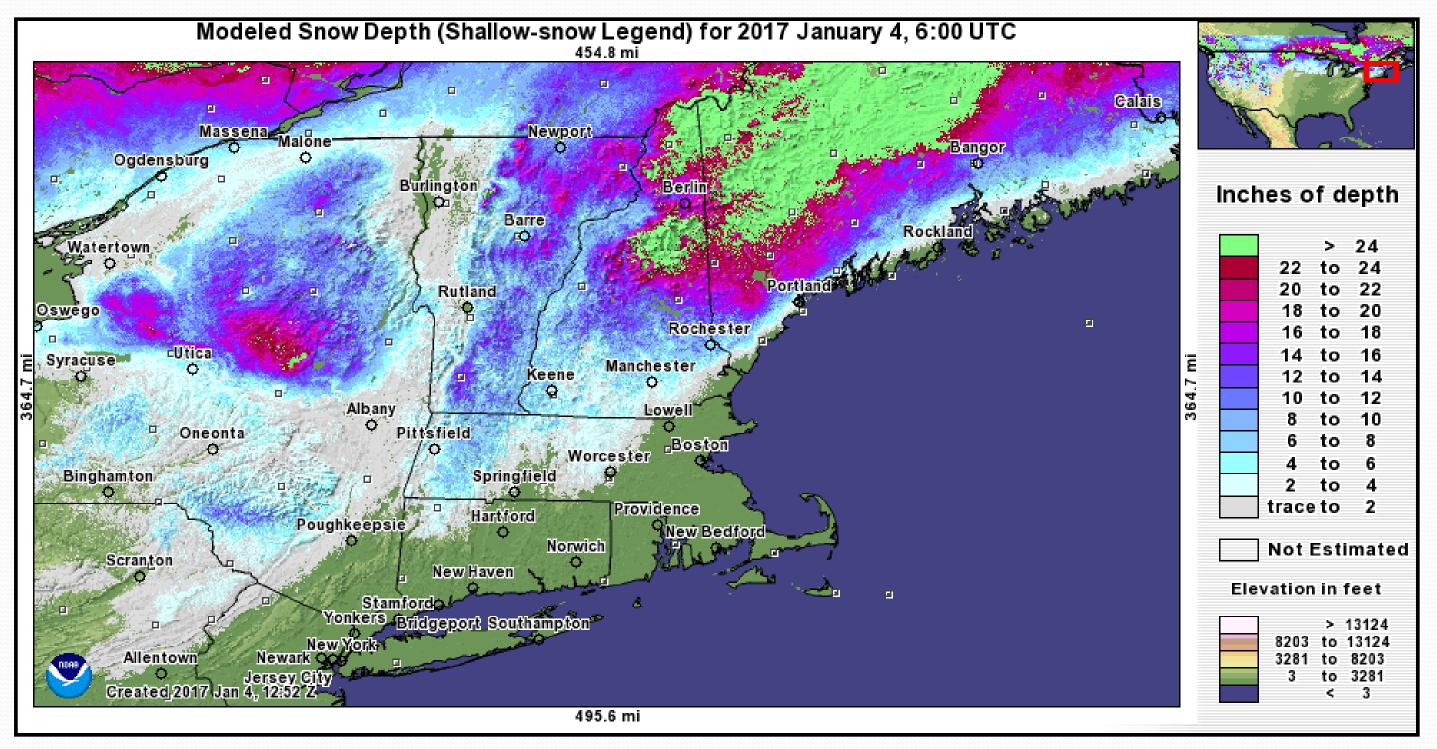


High Plains Regional Climate Center ACIS Maps

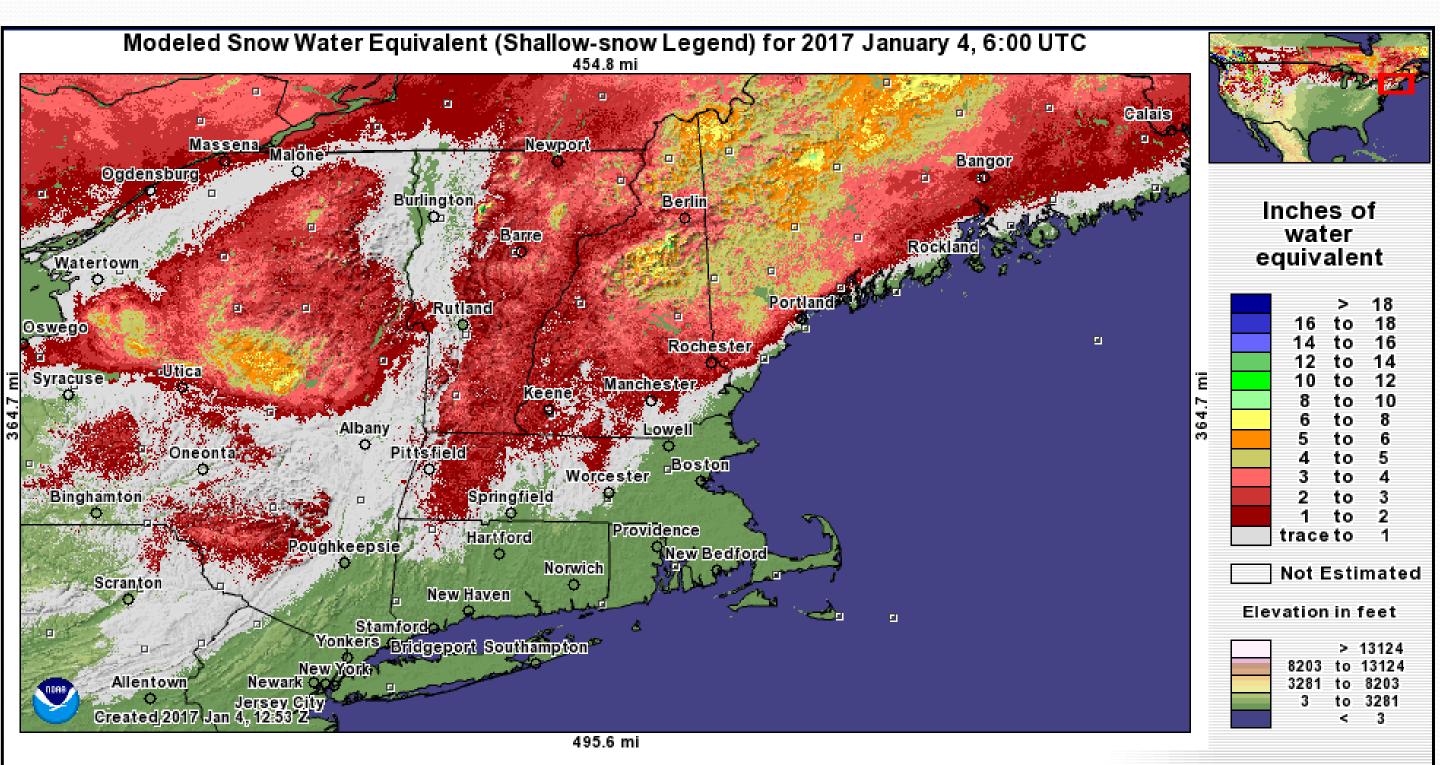
30 & 60 Day SPI comparable, below -1 SE MA

90 Day SPI somewhat better

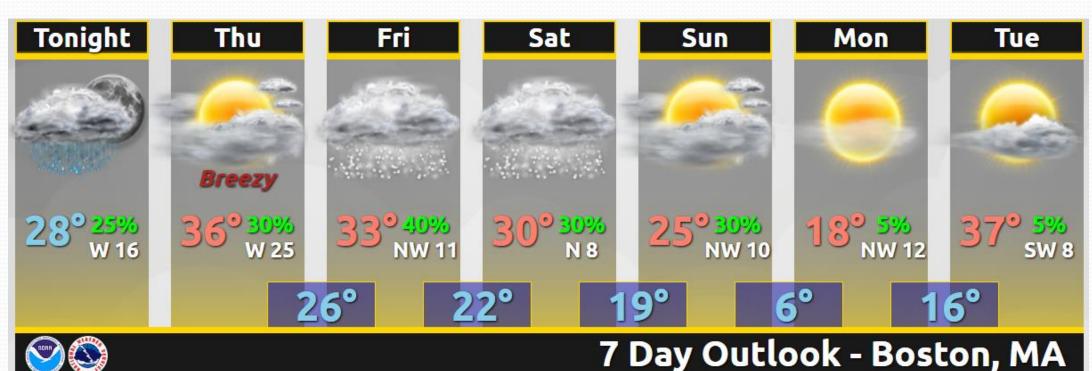
Snow Depth Jan 4 2017



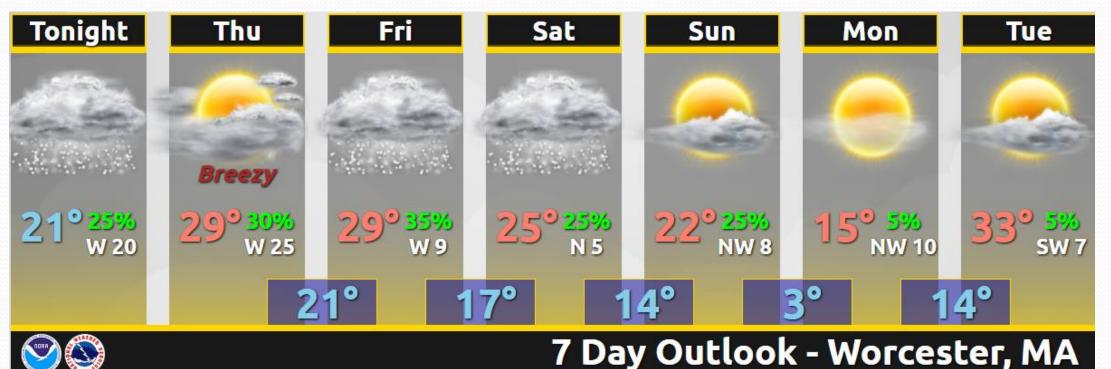
Snow Water Content Jan 4 2017



Forecast Thru Jan 10th

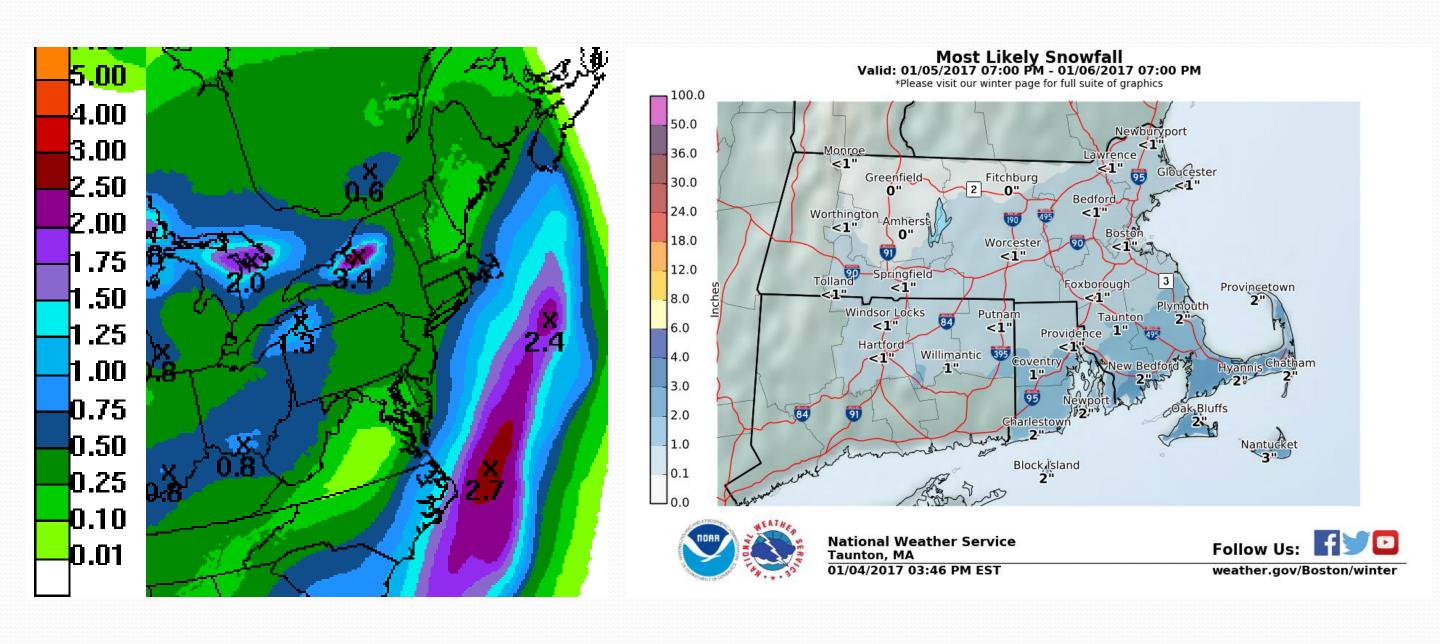


Normal Hi/Lo 37/23

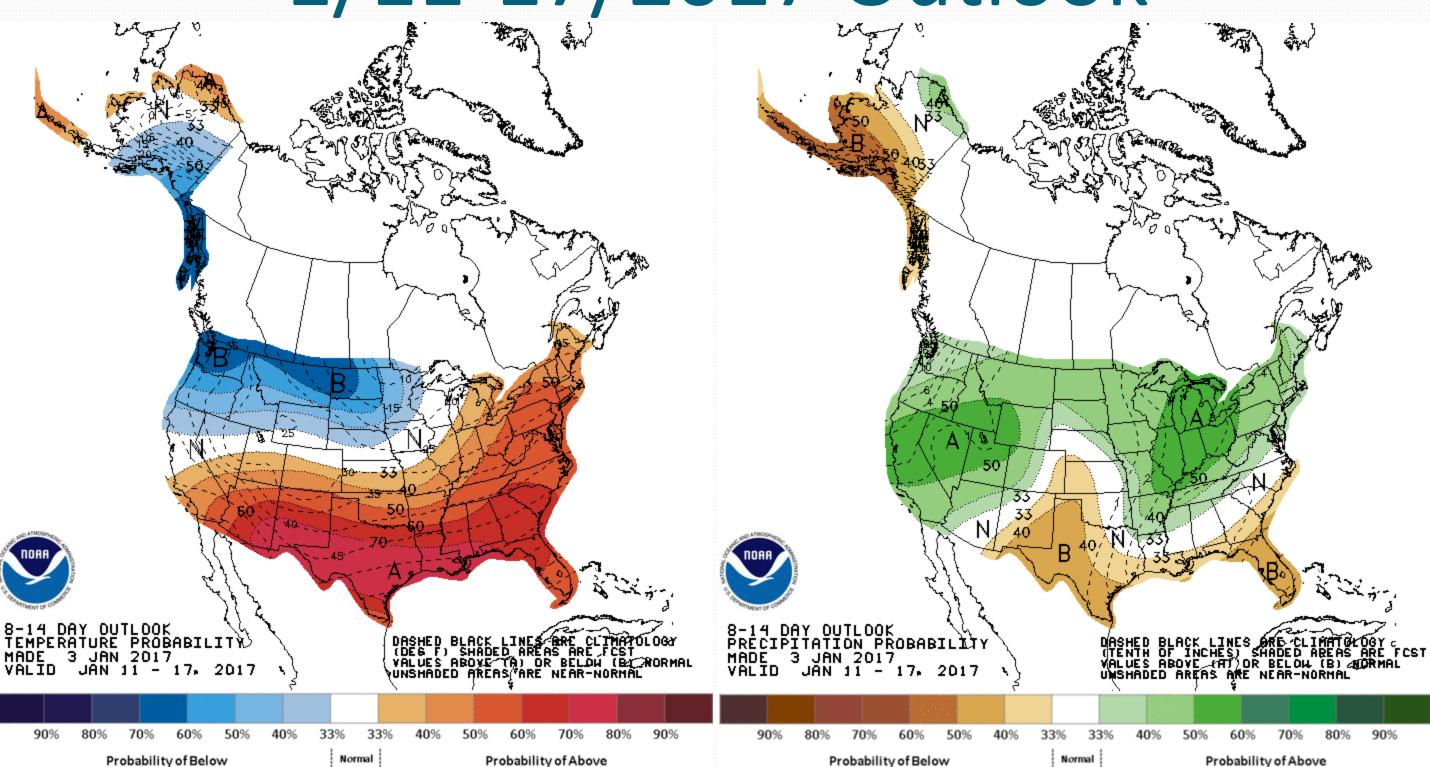


Normal Hi/Lo 32/18

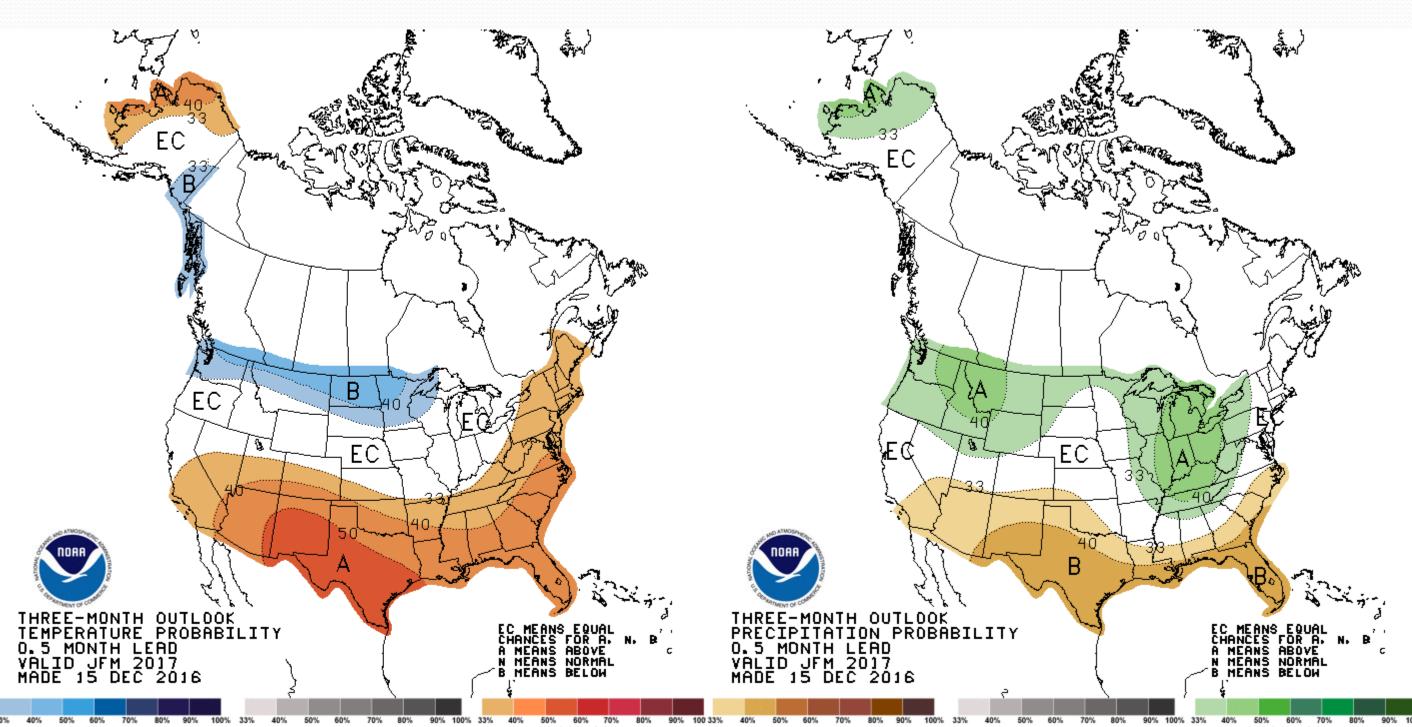
Precipitation Forecast



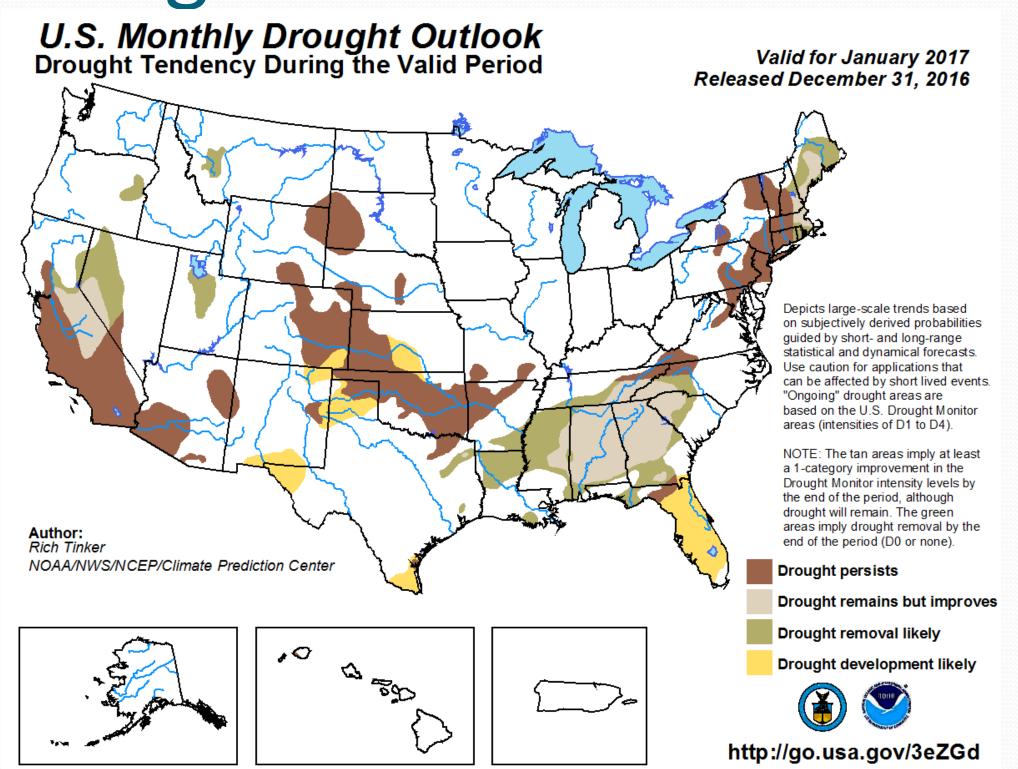
1/11-17/2017 Outlook



JFM Temp & Precip Outlook



Drought Outlook for Jan 2017



Seasonal Drought Outlook

