# Massachusetts Drought Task Force Meeting NWS Update

**National Weather Service** 

Tuesday November 8th, 2016

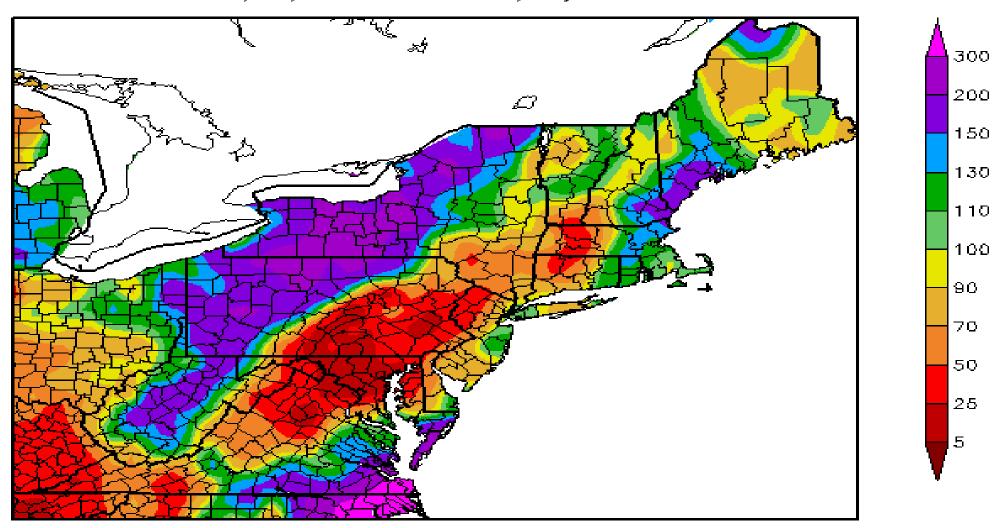
Alan Dunham, Hydrologic Program Leader



National Weather Service Boston, MA

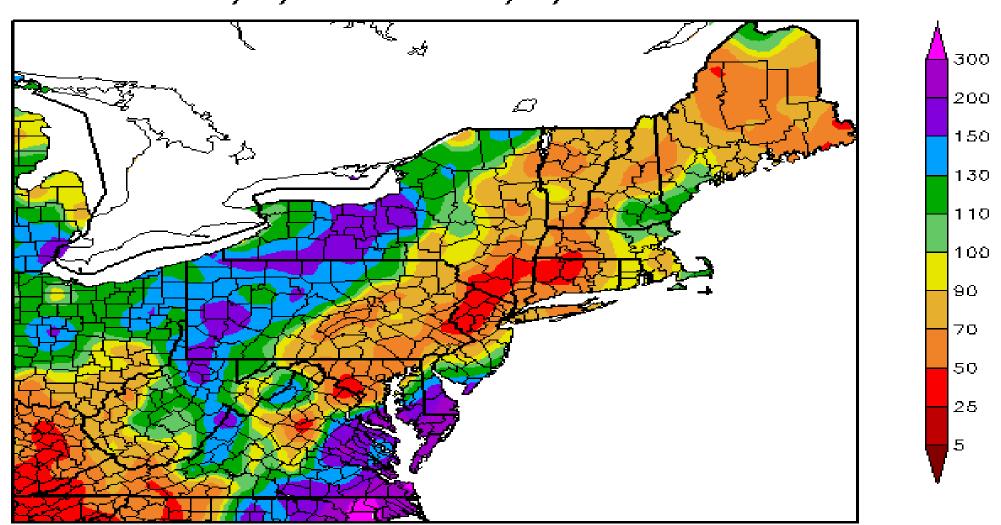
## 30 Day Percent of Normal

Percent of Normal Precipitation (%)10/7/2016 - 11/5/2016



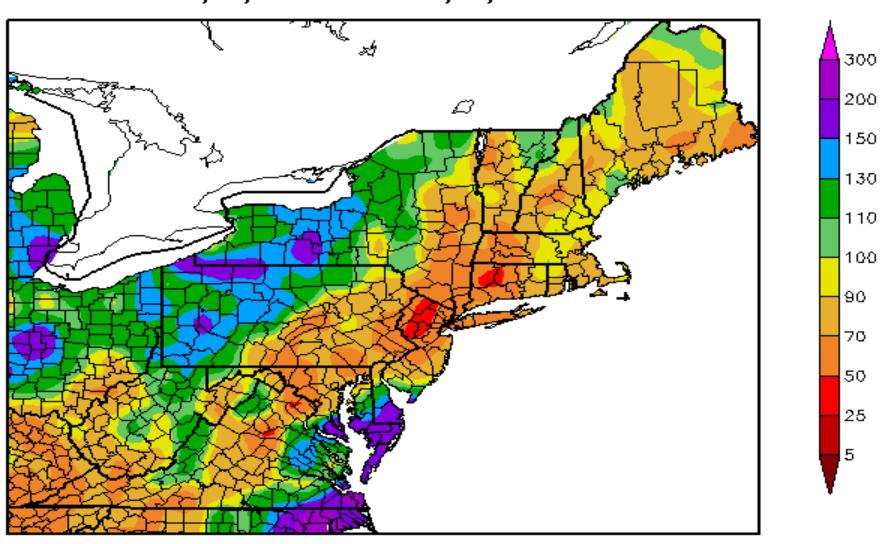
## 60 Day Percent of Normal

Percent of Normal Precipitation (%)9/7/2016 - 11/5/2016



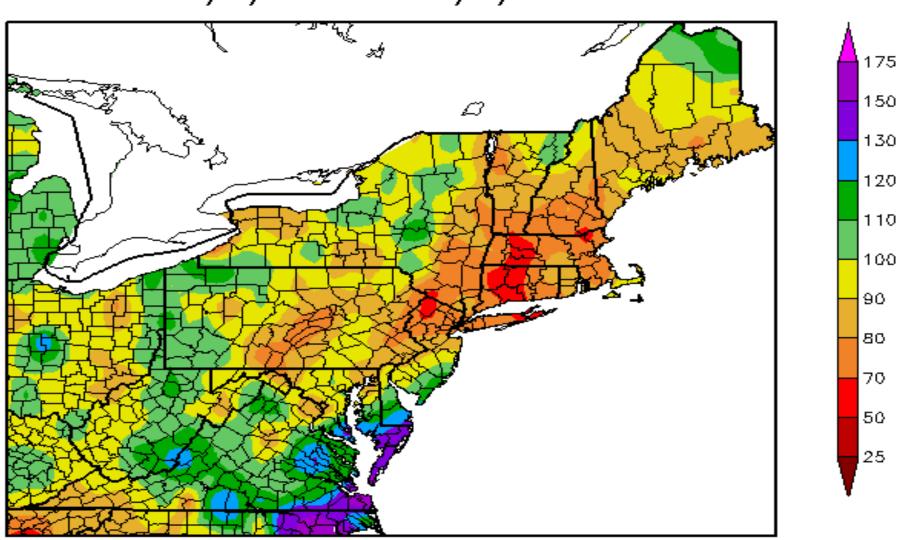
## 90 day Percent of Normal

Percent of Normal Precipitation (%) 8/8/2016 - 11/5/2016



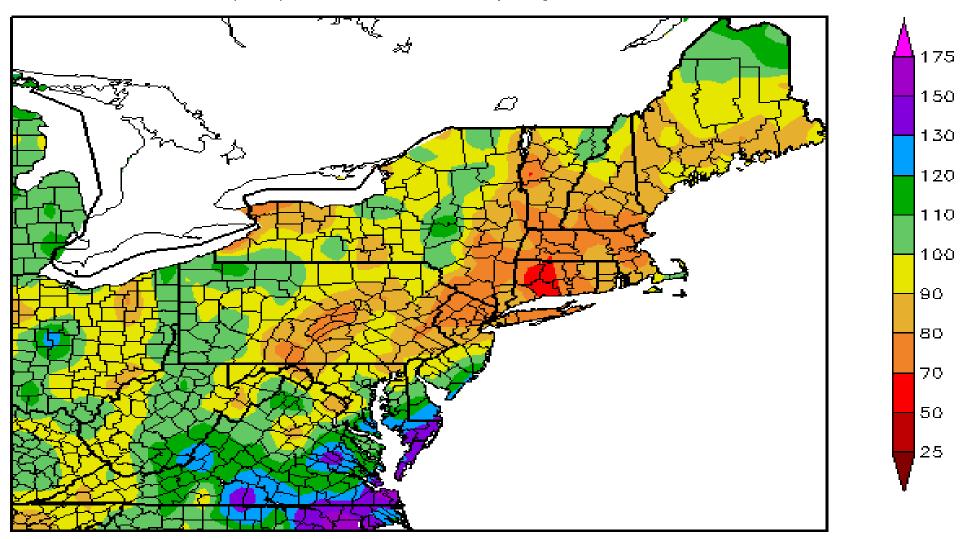
### 2016 Percent of Normal

Percent of Normal Precipitation (%) 1/1/2016 - 11/5/2016

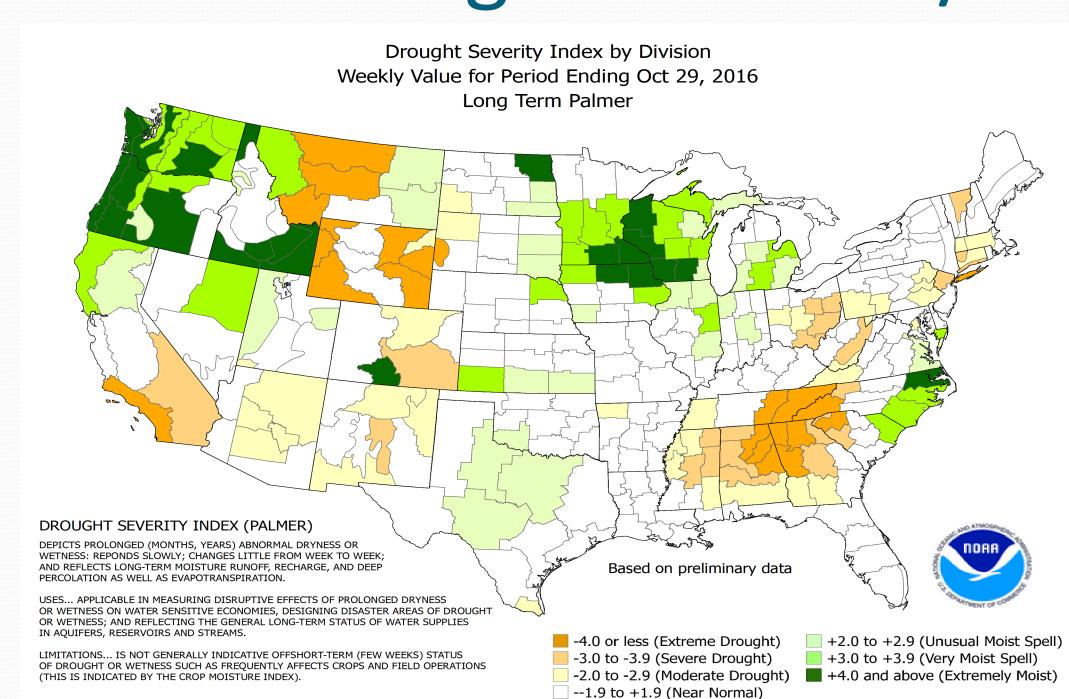


## 12 Month percent of Normal

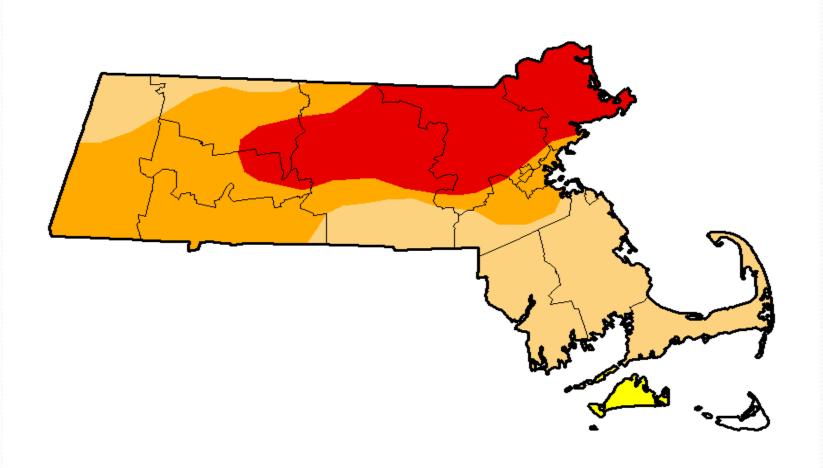
Percent of Normal Precipitation (%)11/6/2015 - 11/5/2016



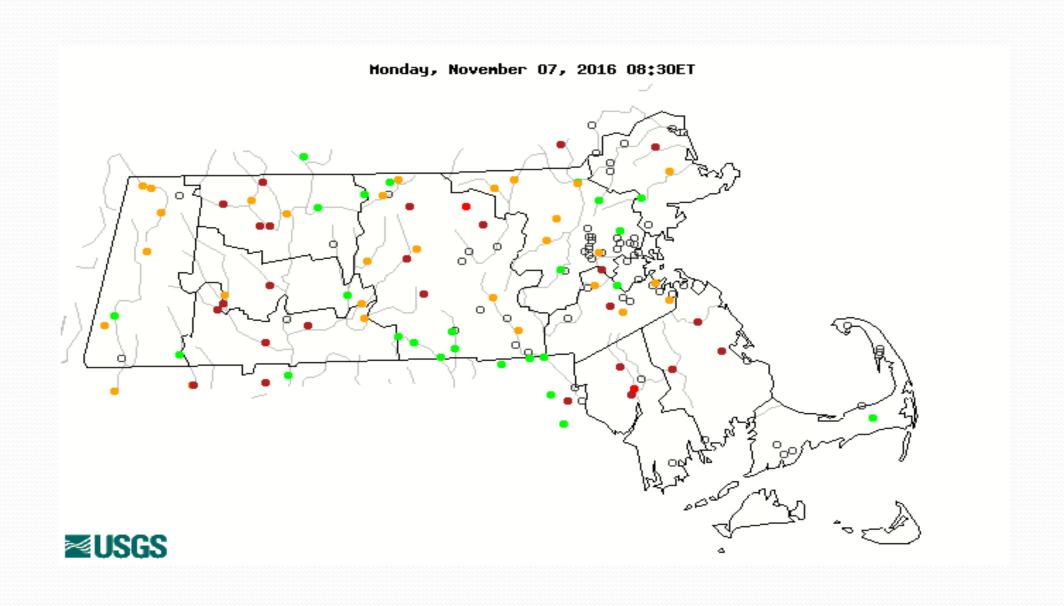
## Palmer Drought Index 10/29/16



# Drought Monitor 11/01/16

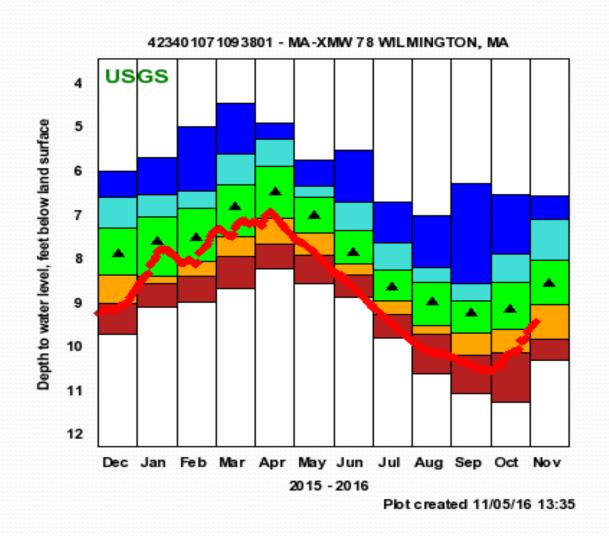


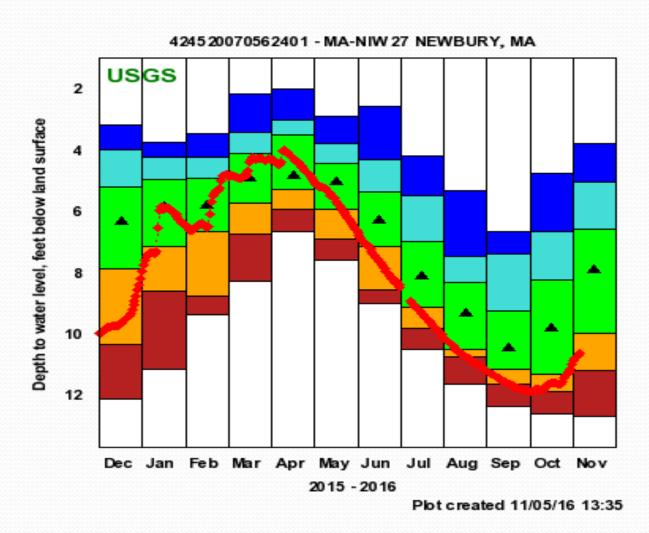
## Stream flow 11/07/16



#### Wilmington Depth 12.0

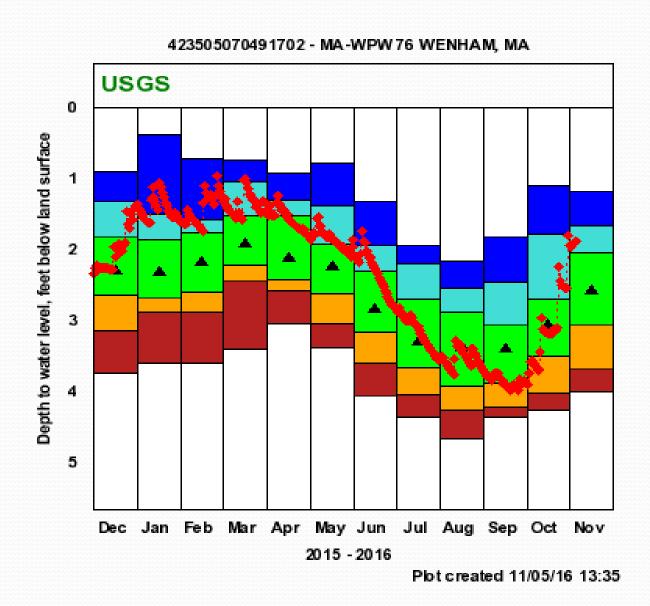
#### Newbury Depth 19.8

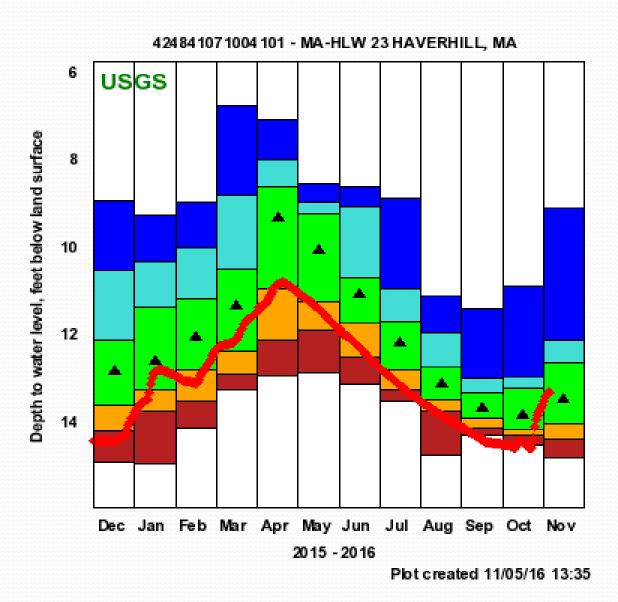




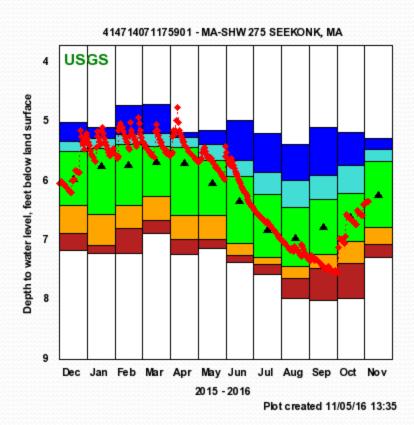
#### Wenham Depth 22.0

#### Haverhill Depth 15.1

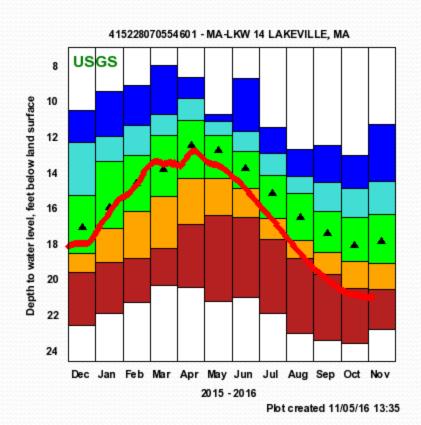




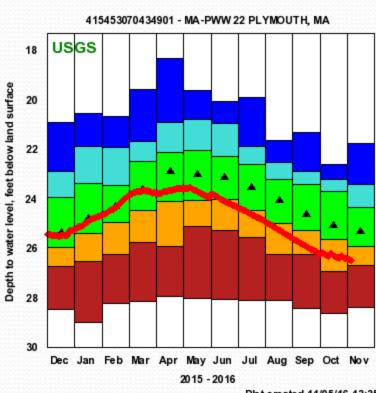
#### Seekonk 14.4



#### Lakeville 41.0



#### Plymouth 40.0

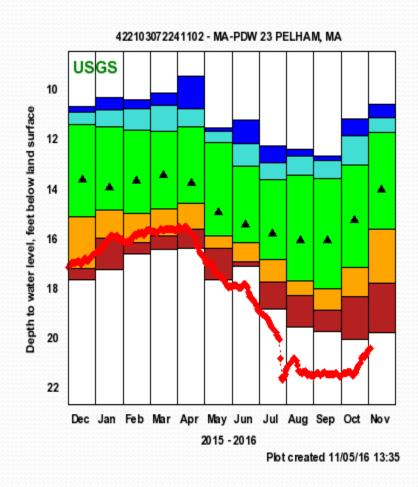


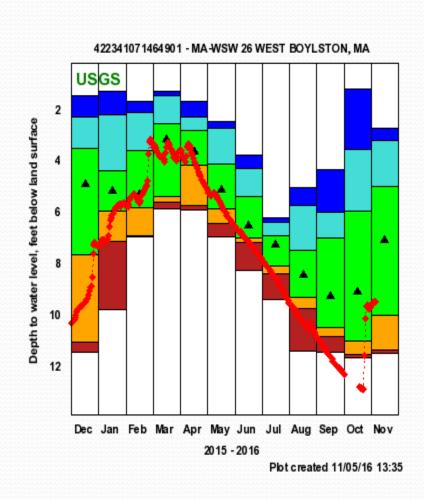
Plot created 11/05/16 13:35

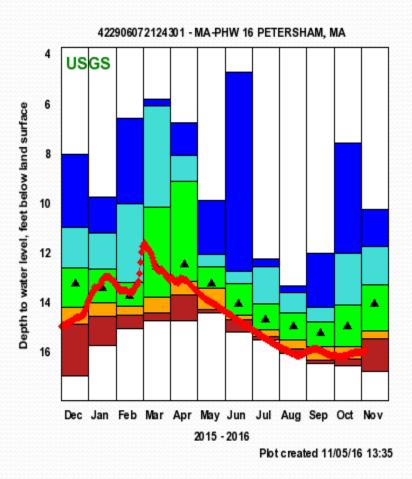
Pelham 740.0

West Boylston 16.8

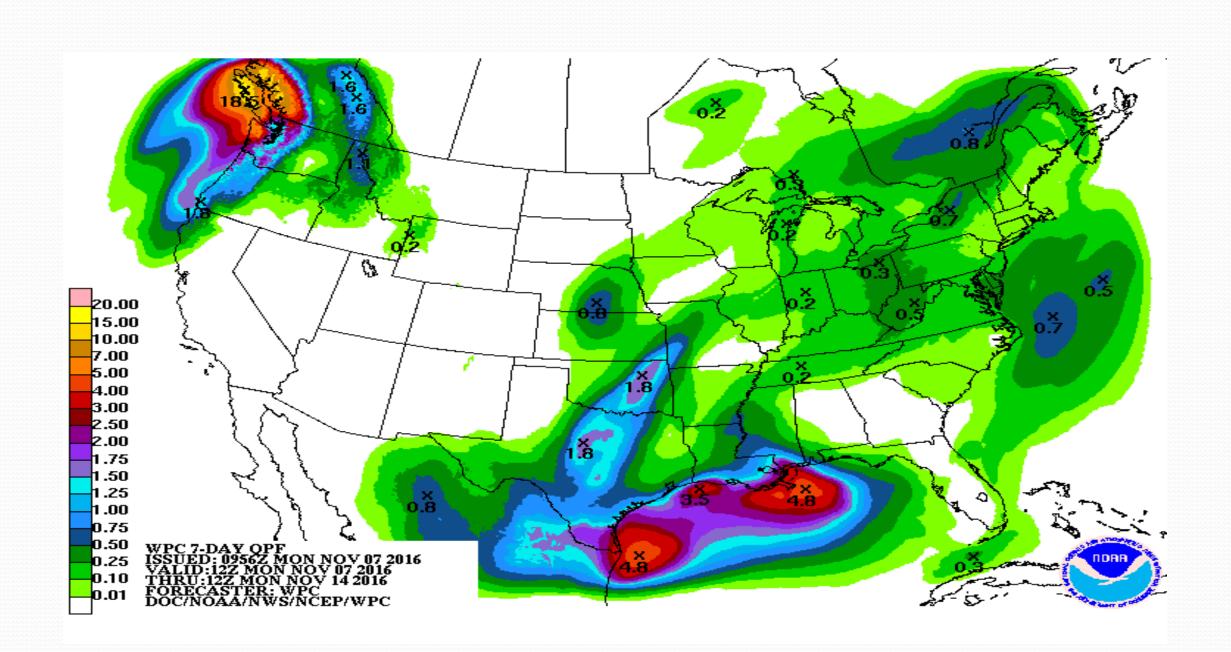
Petersham 39.0



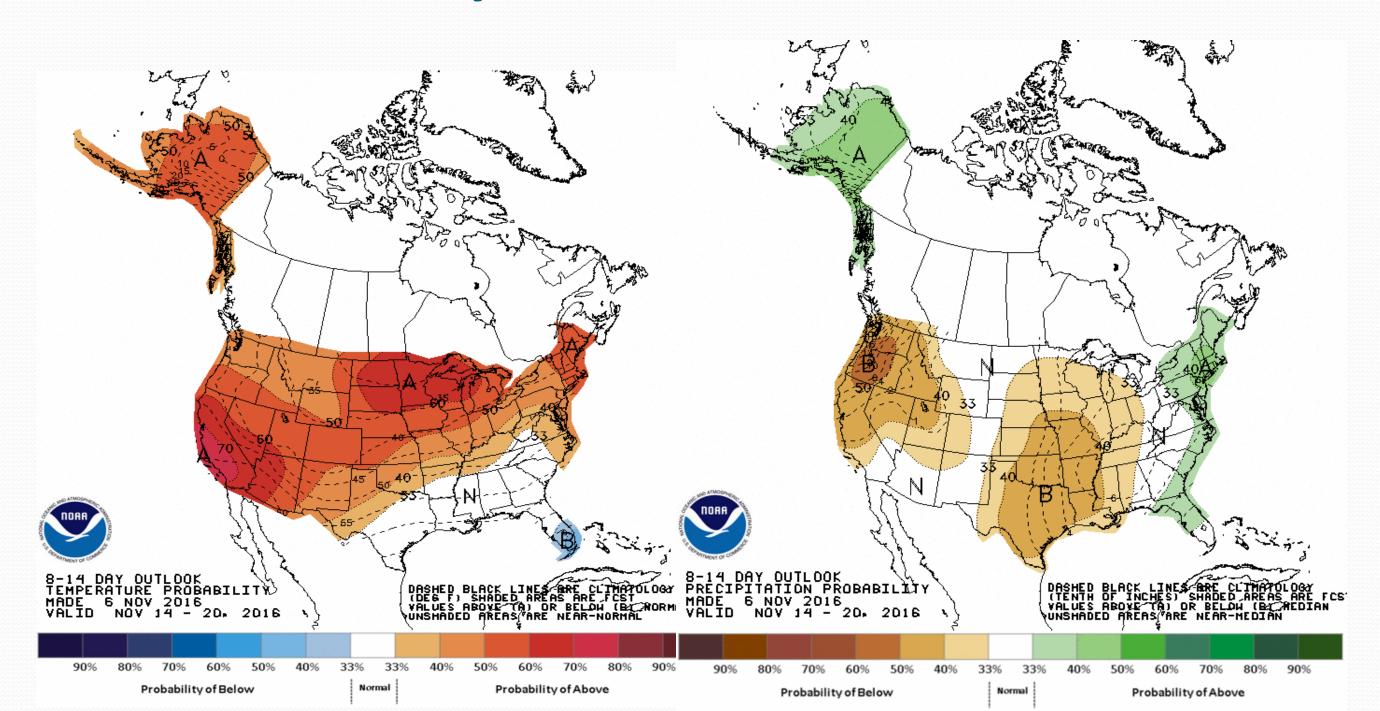




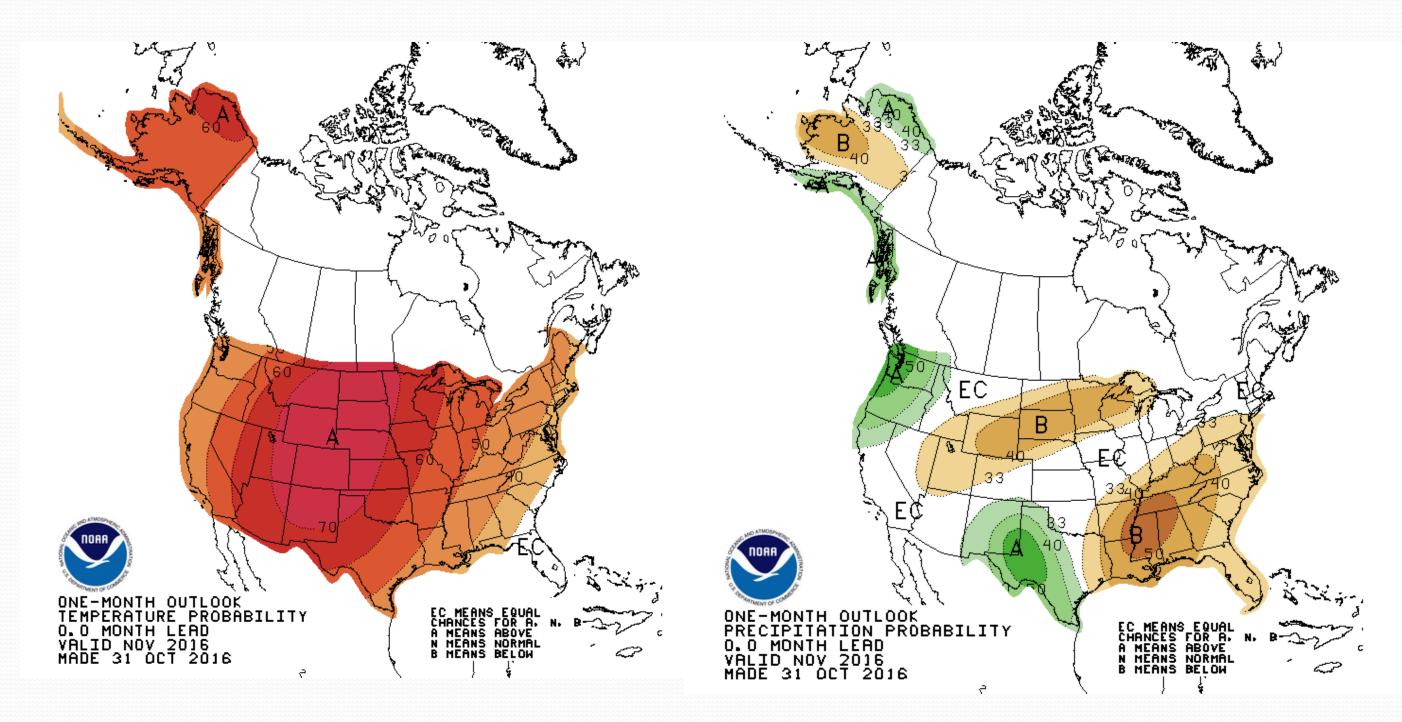
## 7 Day Precip Nov 07-14



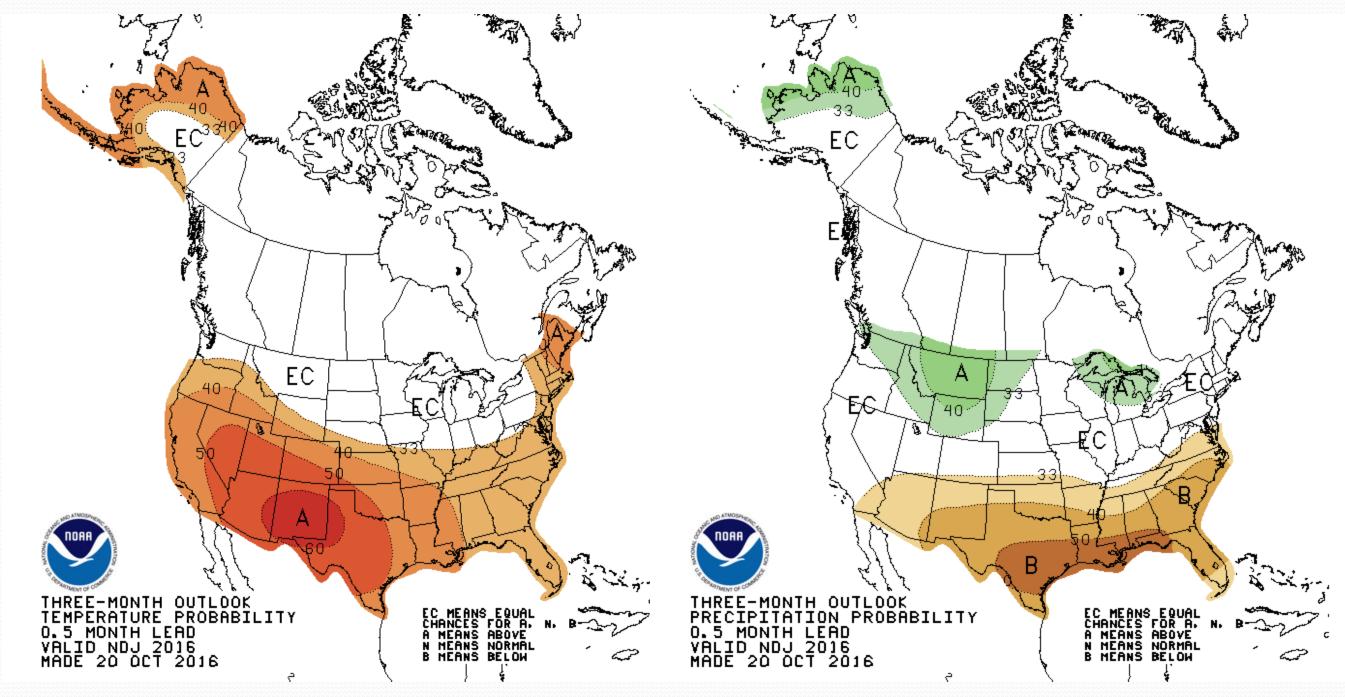
## 8-14 Day Fcst 11/14-20/16



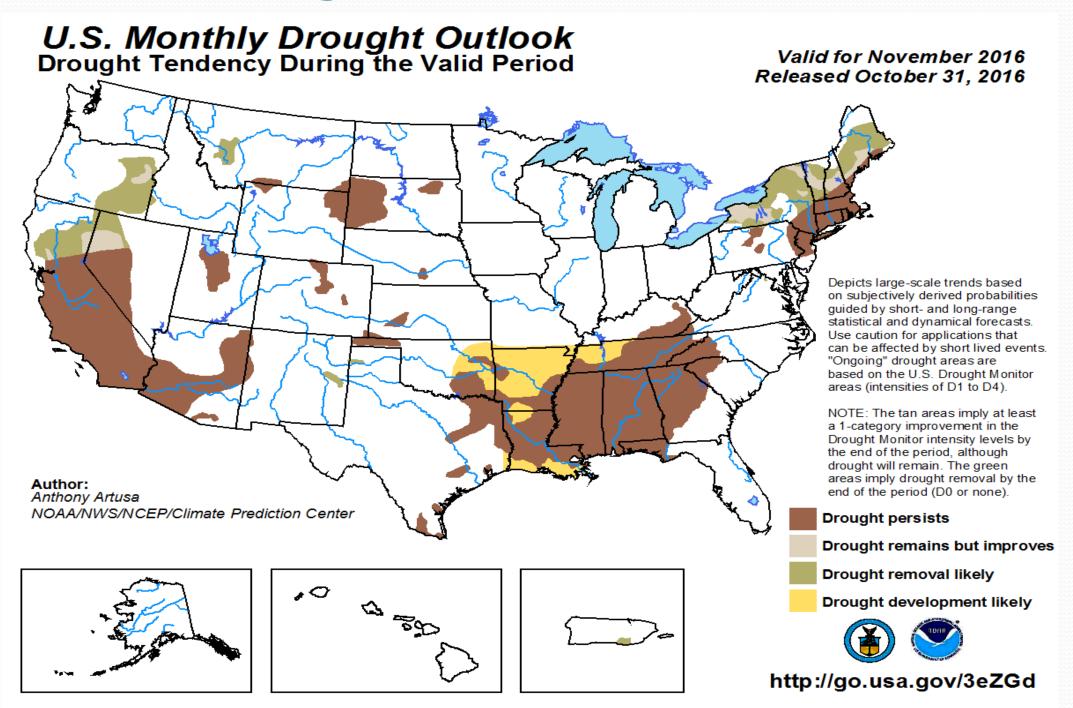
## Outlook for Nov 2016



## Outlook Nov, Dec, Jan



## Drought outlook Nov



## Drought Outlook thru Jan 2017

