Massachusetts Drought Task Force Meeting NWS Update

National Weather Service

Tuesday February 7th, 2017

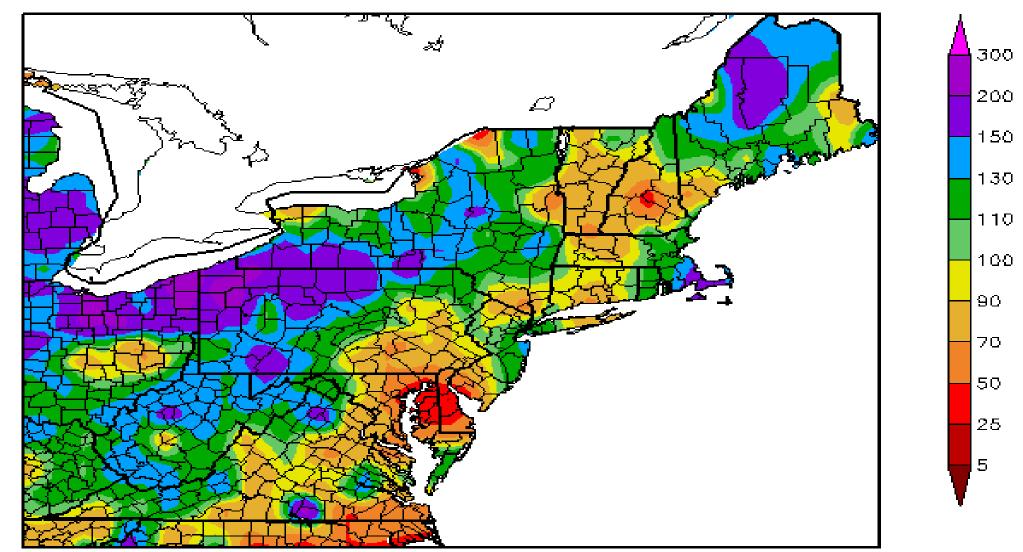
Alan Dunham, Hydrologic Program Leader



National Weather Service Boston, MA

30 Day Percent of Normal

Percent of Normal Precipitation (%) 1/4/2017 - 2/2/2017

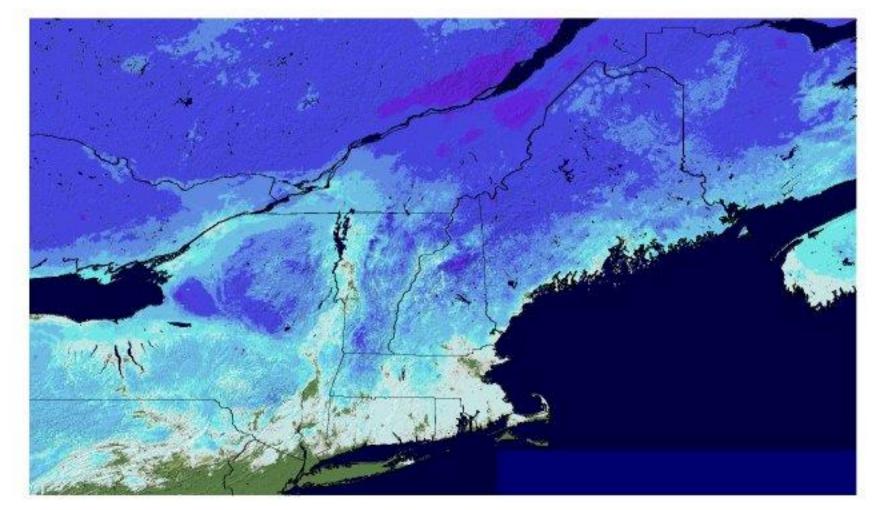


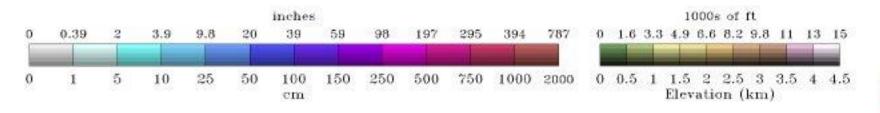
Generated 2/3/2017 at HPRCC using provisional data.

Regional Climate Centers

Snow Depth 02/03/17

Snow Depth 2017-02-03 06 UTC





20 National Snow Analysis CHON EOF

Snow/Water Equivalent 02/03/17

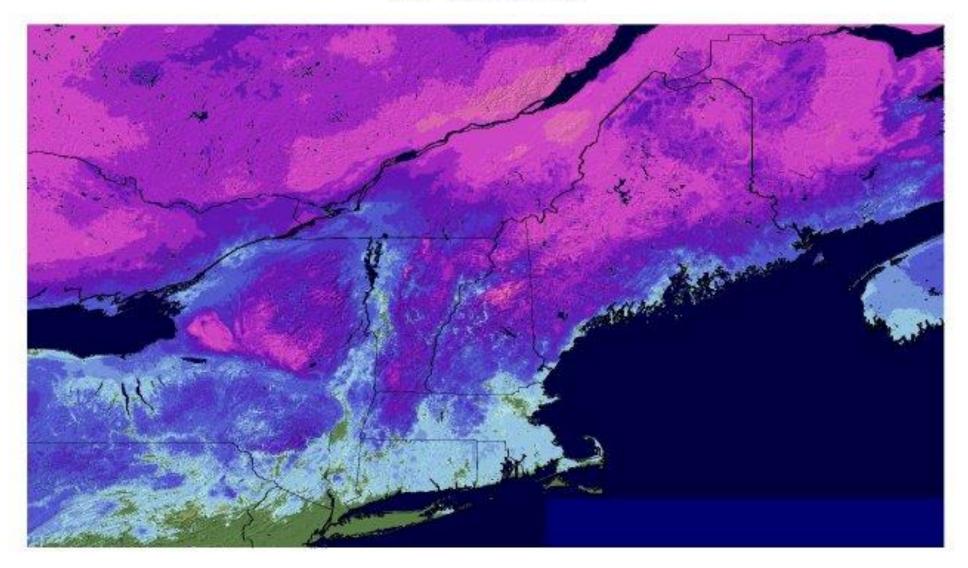
Snow Water Equivalent 2017-02-03 06 UTC

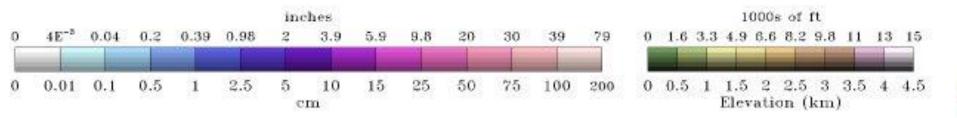
ON

NO

National Snow Analysis

NOL

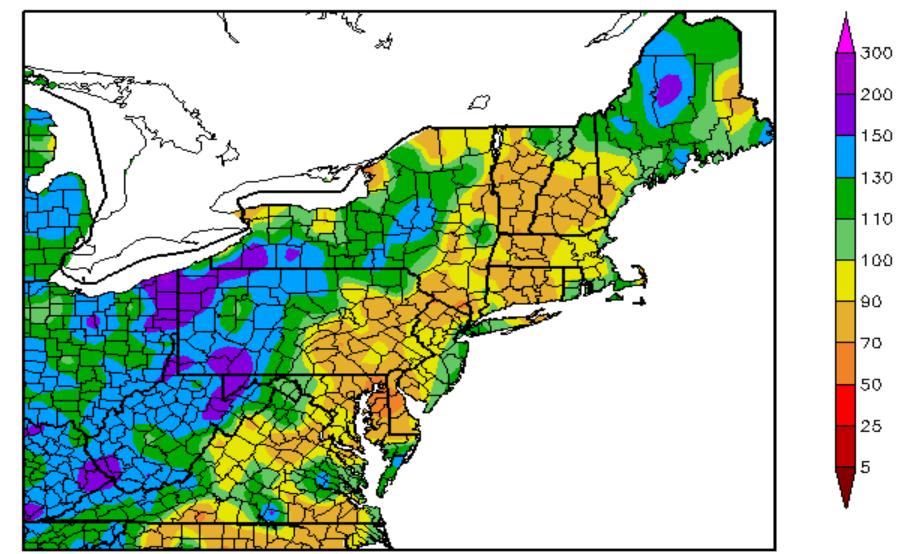




1010

60 Day Percent of Normal

Percent of Normal Precipitation (%) 12/5/2016 - 2/2/2017

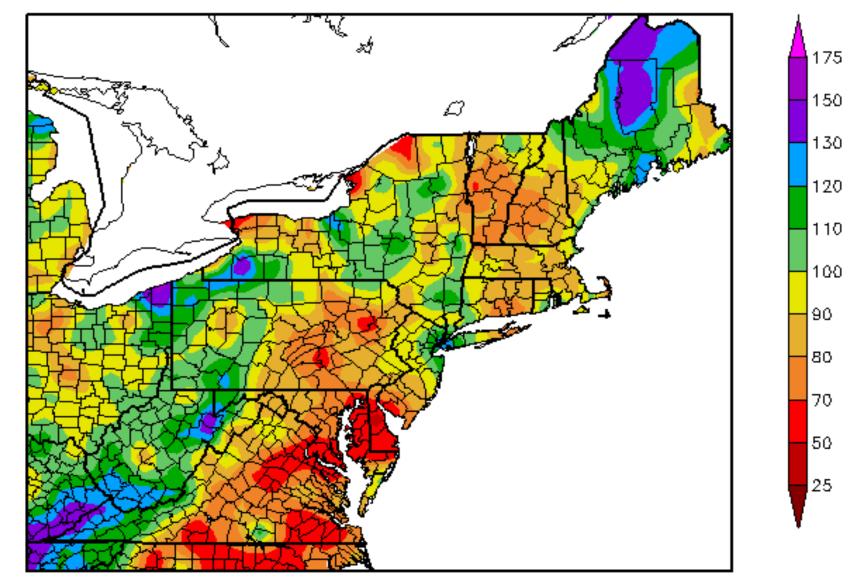


Generated 2/3/2017 at HPRCC using provisional data.

Regional Climate Centers

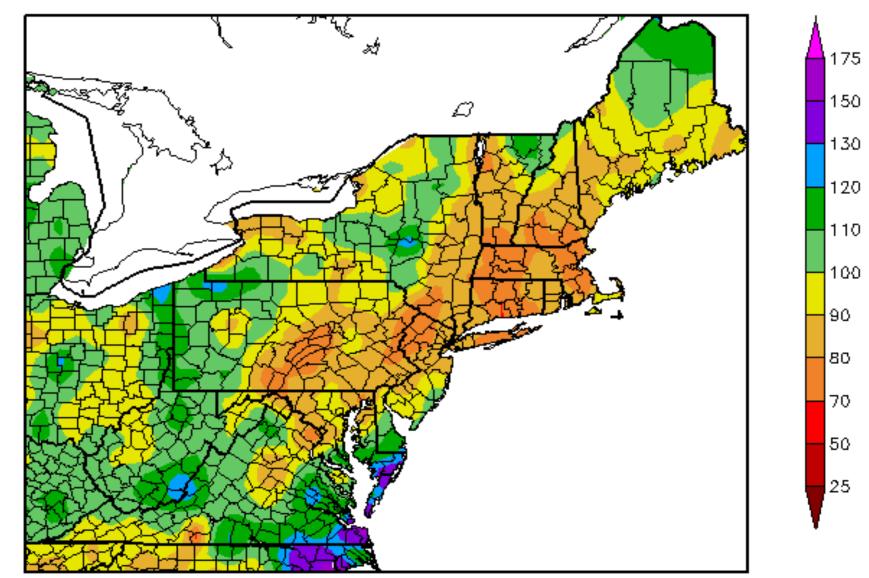
90 day Percent of Normal

Percent of Normal Precipitation (%) 11/5/2016 - 2/2/2017



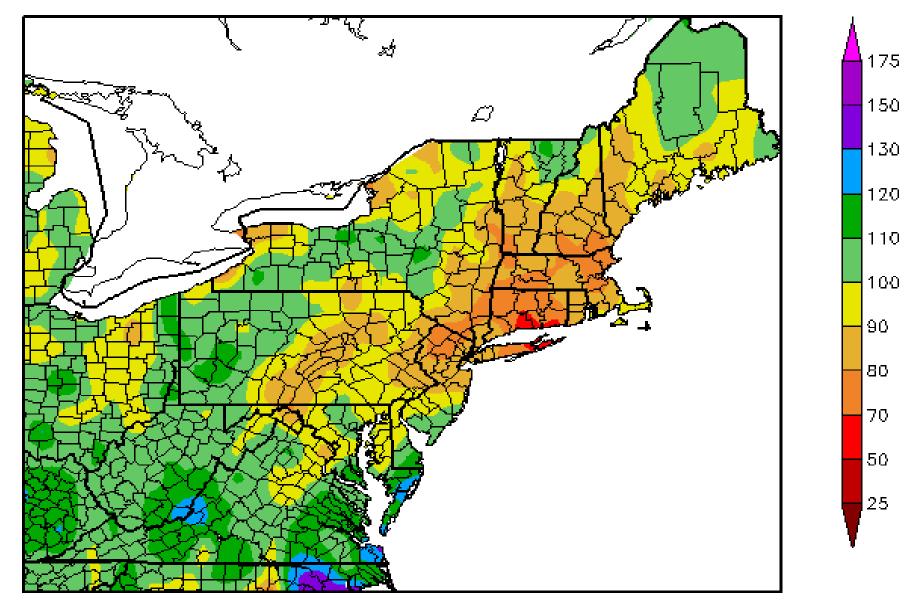
12 Month percent of Normal

Percent of Normal Precipitation (%) 2/2/2016 - 2/1/2017



24 Month Percent of Normal

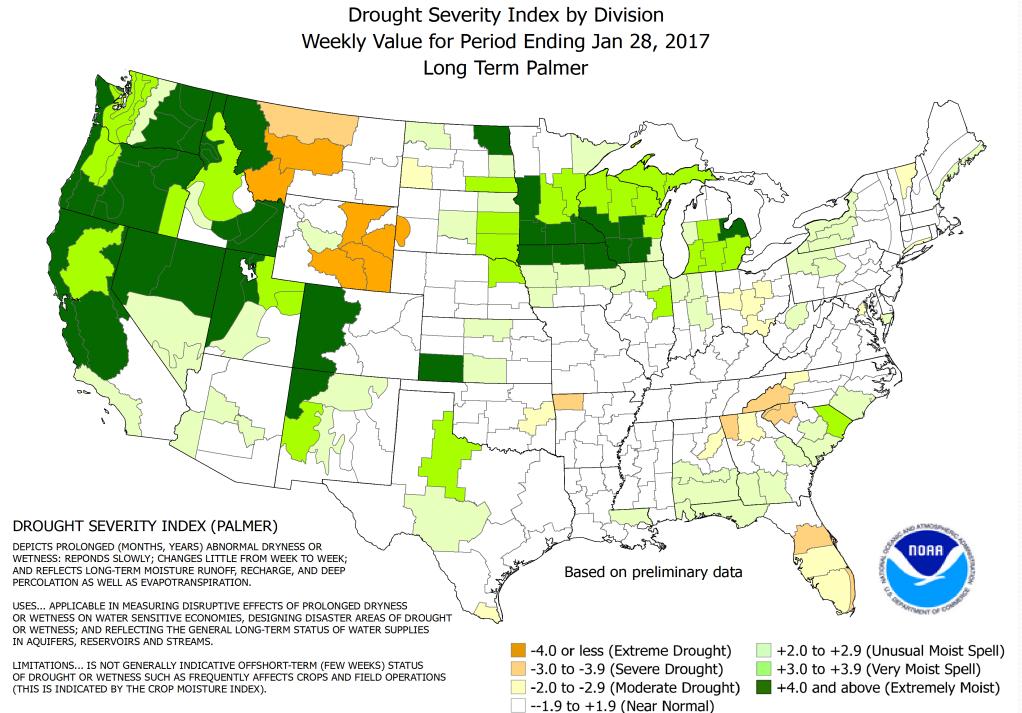
Percent of Normal Precipitation (%) 2/2/2015 - 2/1/2017



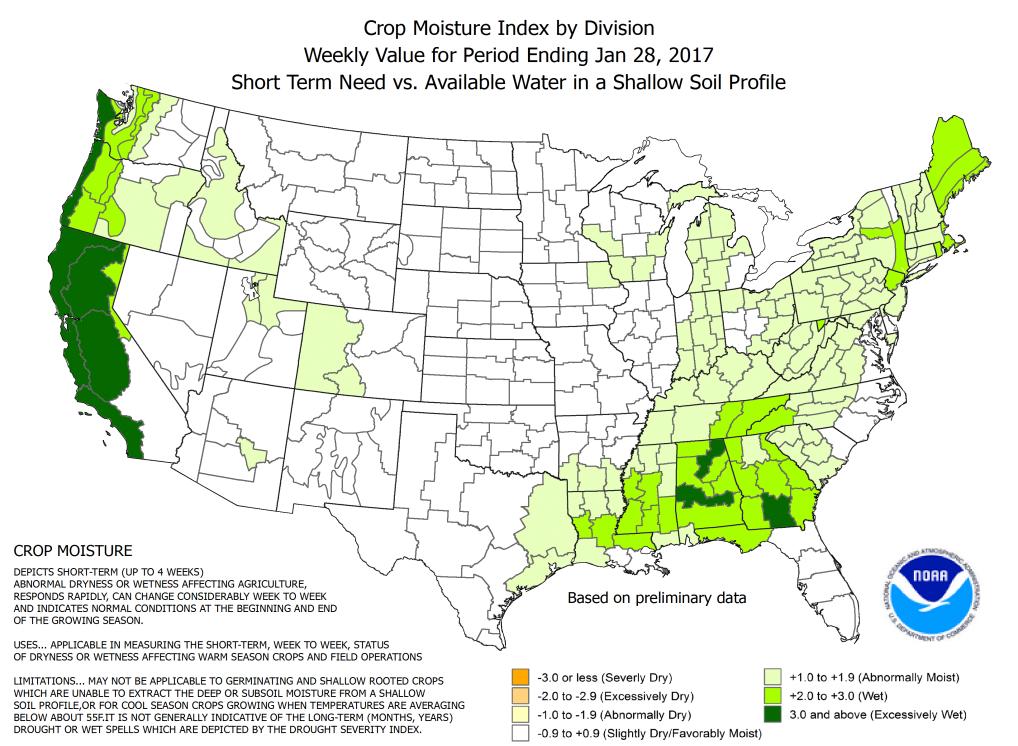
Generated 2/2/2017 at HPRCC using provisional data.

Regional Climate Centers

Palmer Drought Index 01/28/17

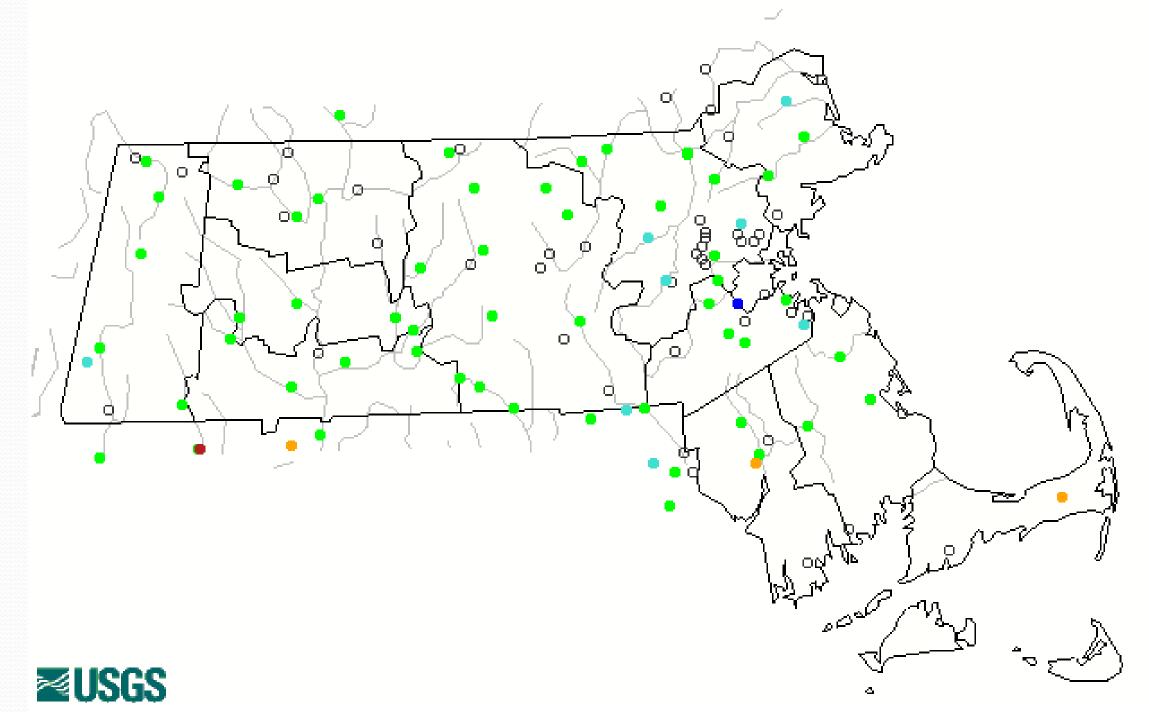


Crop Moisture 01/28/17



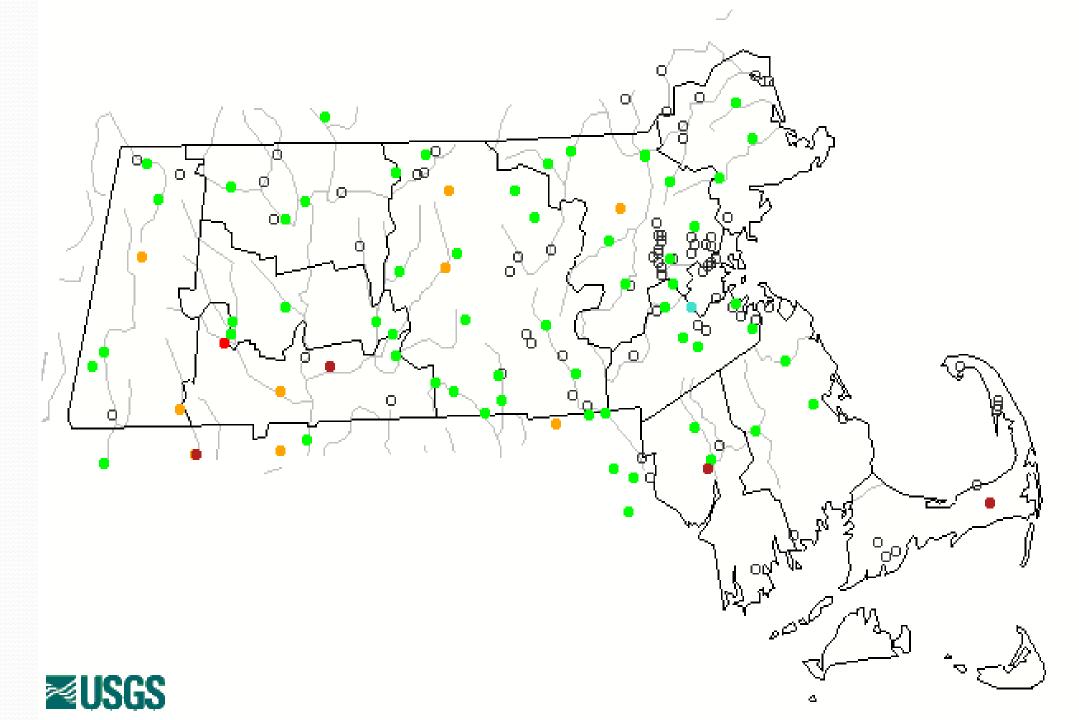
28 Day Avg Stream Flow 02/02/17

Thursday, February 02, 2017

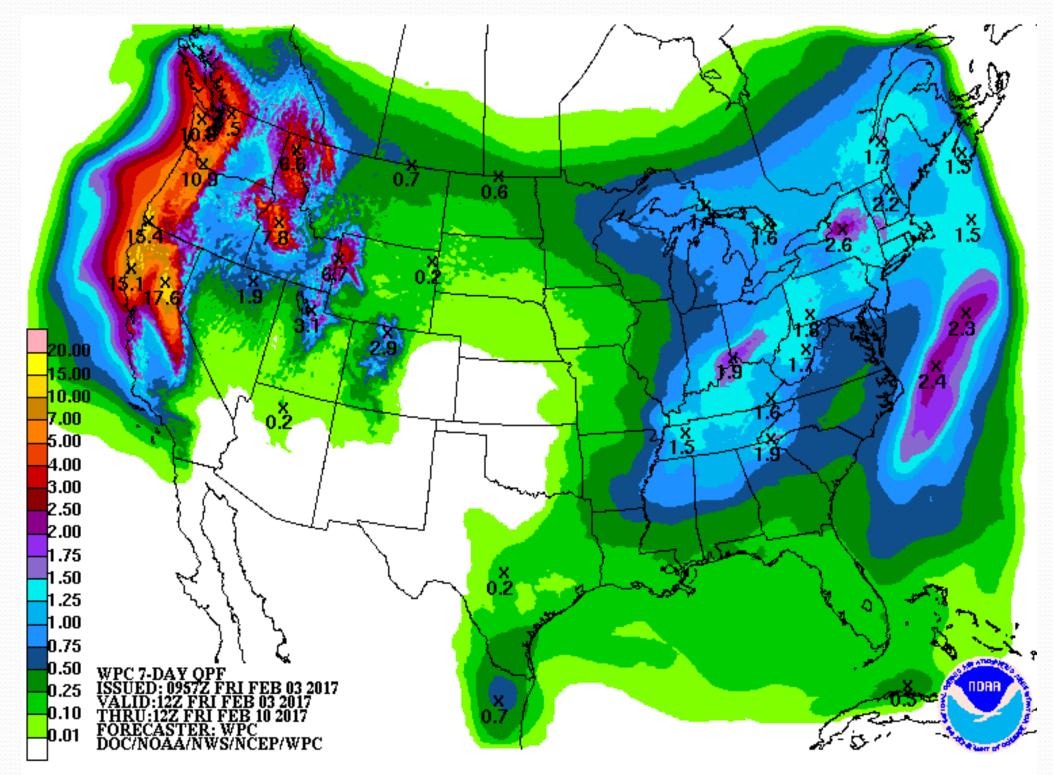


Real Time Stream flow 02/02/17

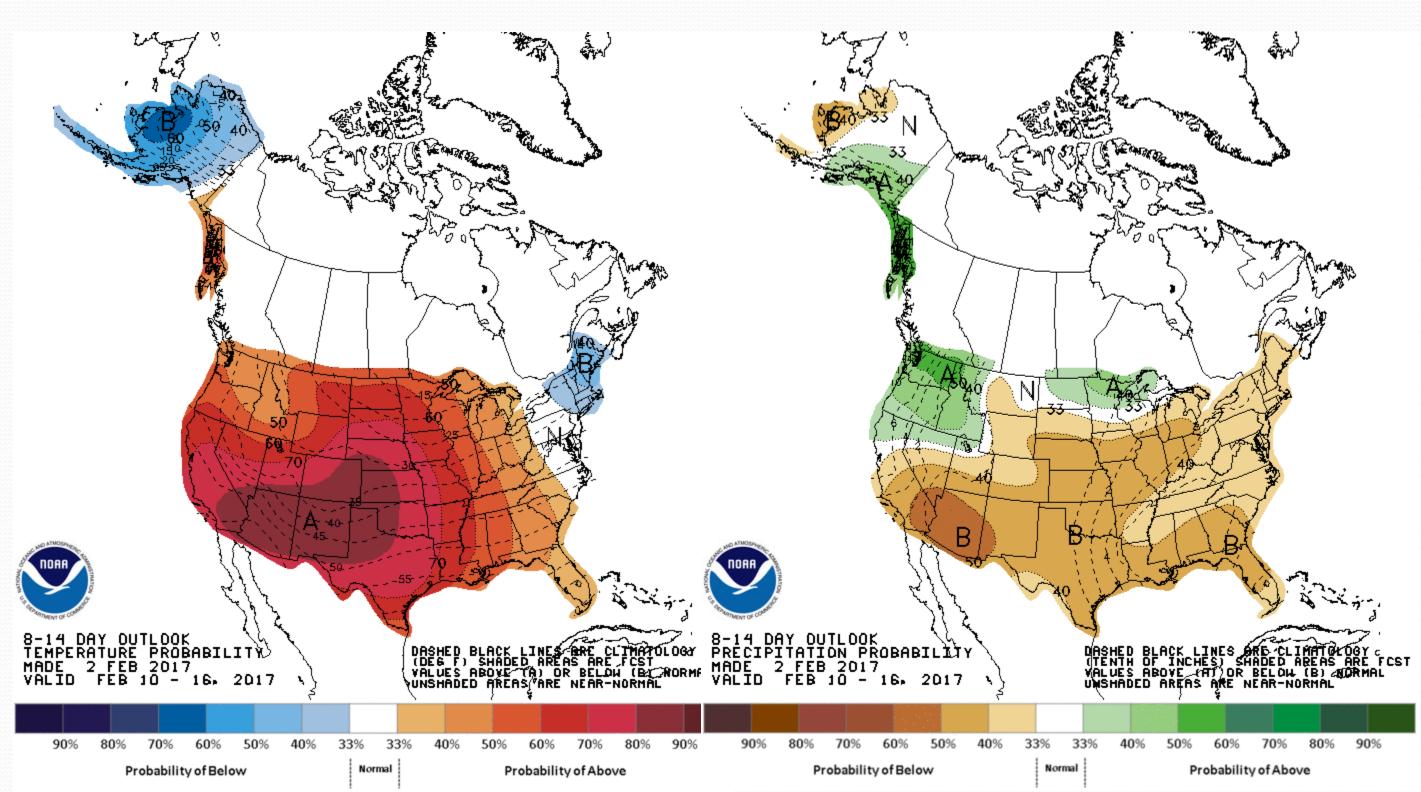
Friday, February 03, 2017 09:30ET



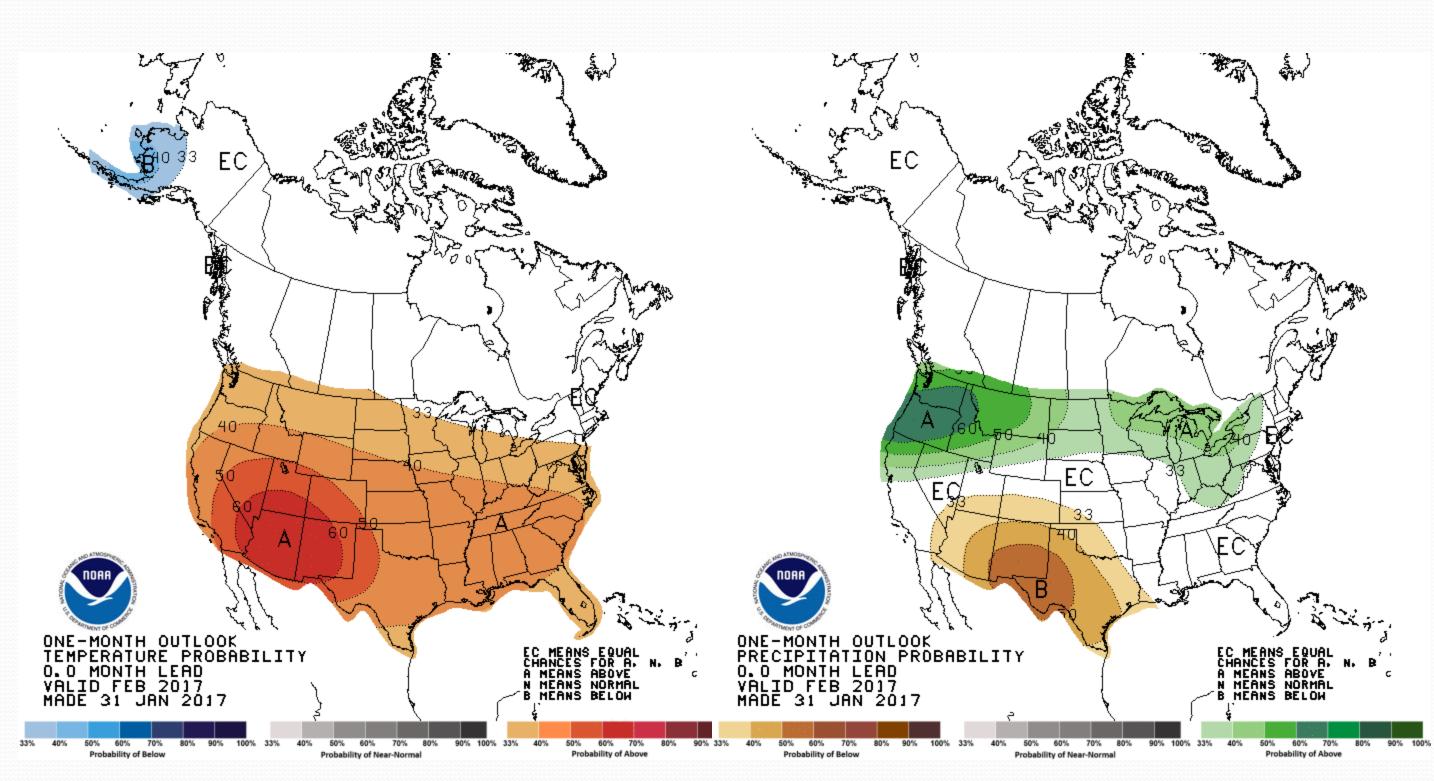
7 Day Precip Feb 03-10



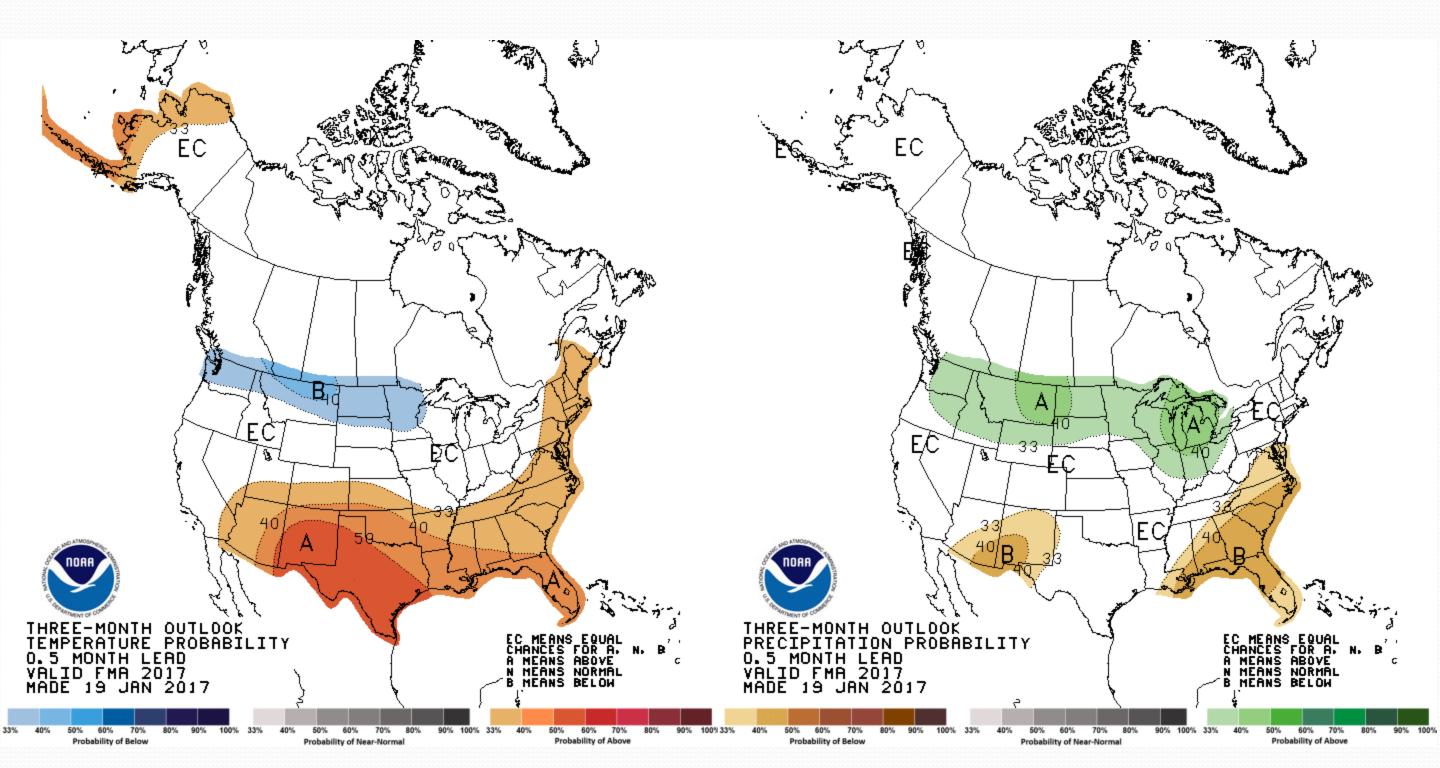
8-14 Day Fcst 02/10-16/17



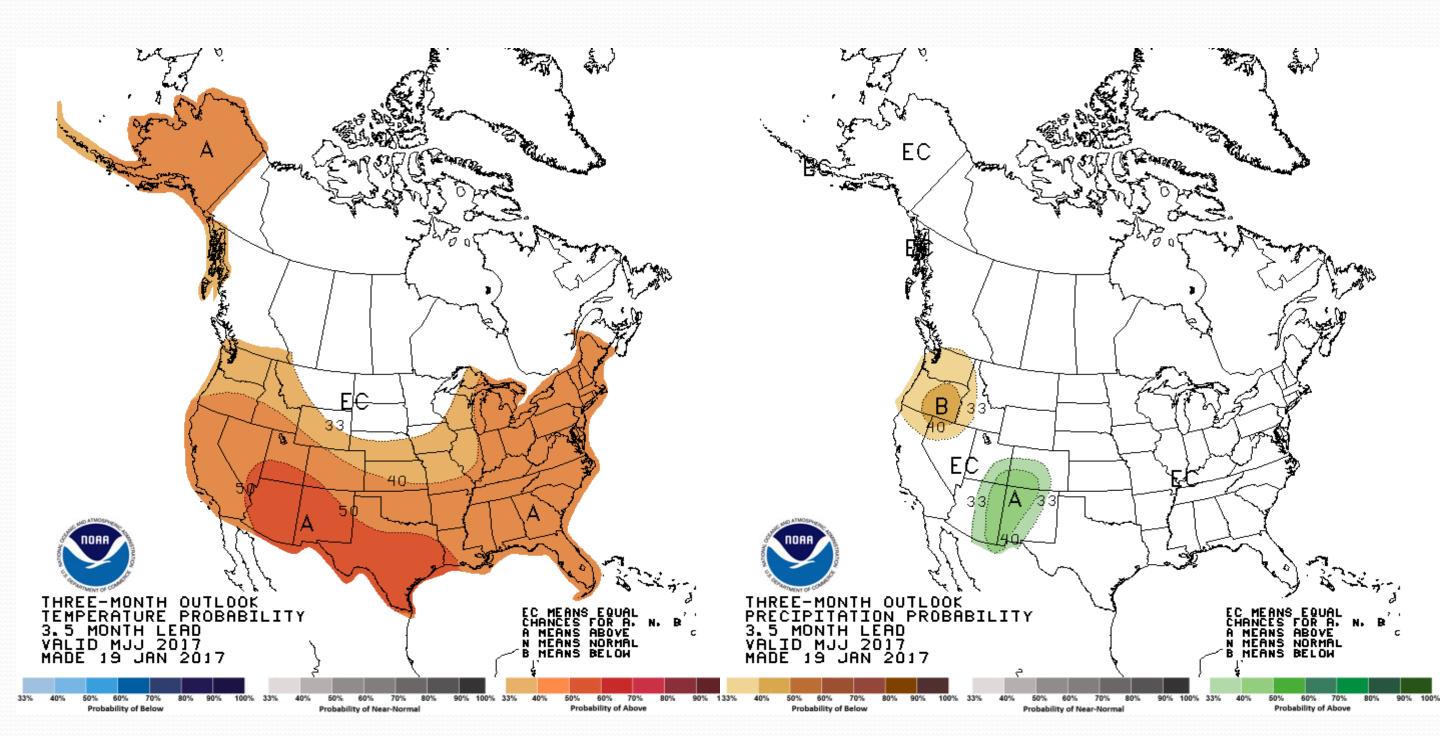
Outlook for Feb 2017



Outlook Feb, Mar, Apr 2017



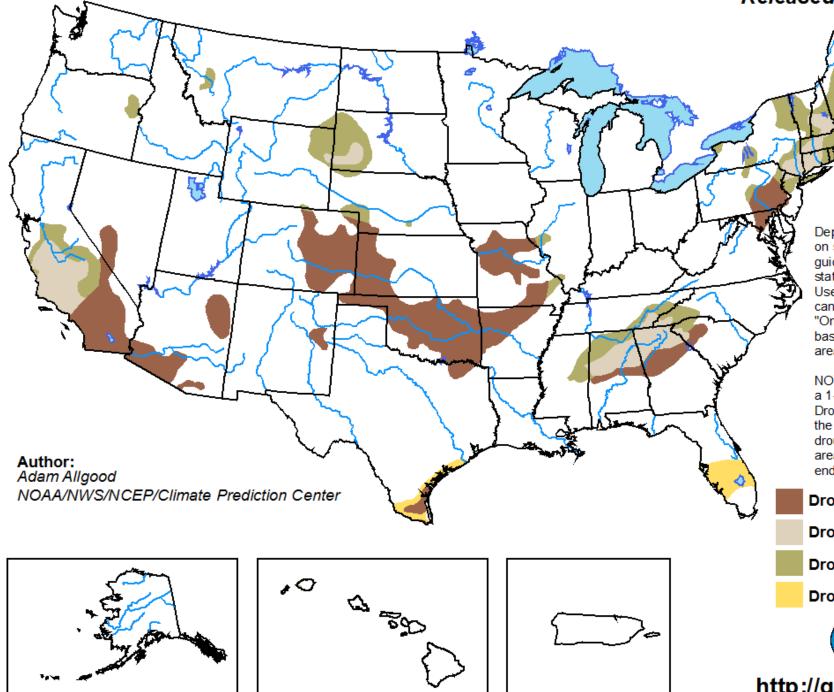
Outlook for May, June, July 2017



Drought outlook Feb

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

Valid for February 2017 Released January 31, 2017



Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

Drought persists

Drought remains but improves

Drought removal likely

Drought development likely



http://go.usa.gov/3eZGd