

# MONTHLY/SEASONAL OUTLOOK

## Eastern Area



Updated: October 5, 2017

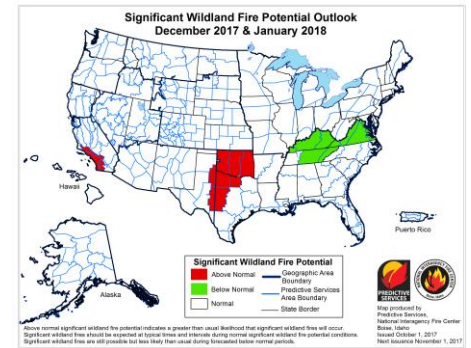
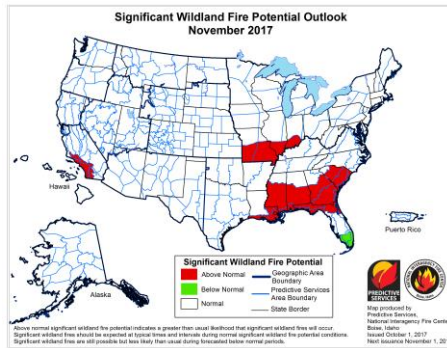
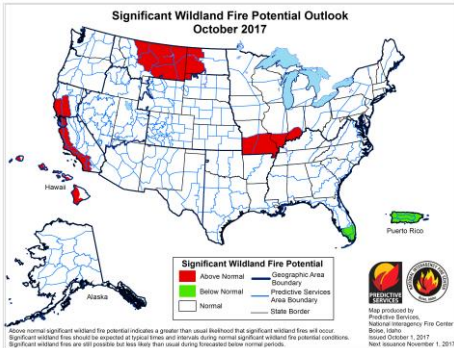
Valid: October 2017- January 2018

### Fire Potential Outlooks

October 2017

November 2017

December 2017-January 2018



### Predictive Services Temperature and Precipitation Outlooks

#### Temperature



Below Normal =

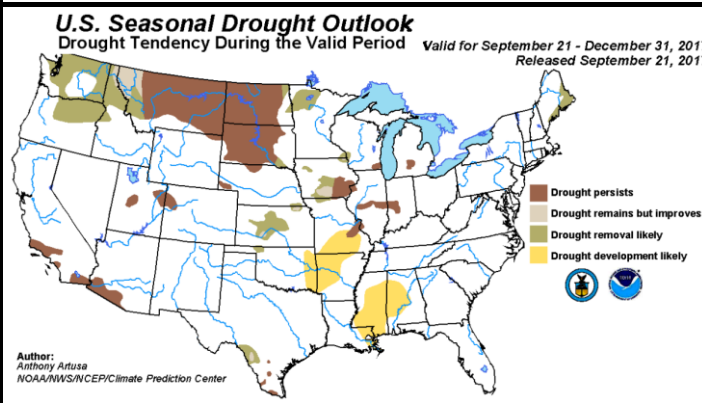
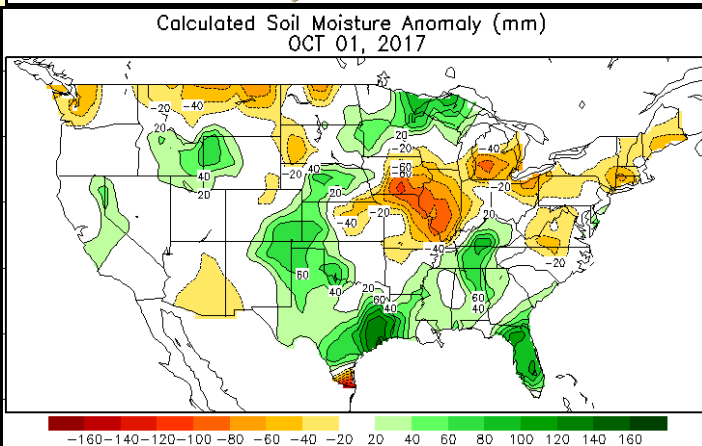
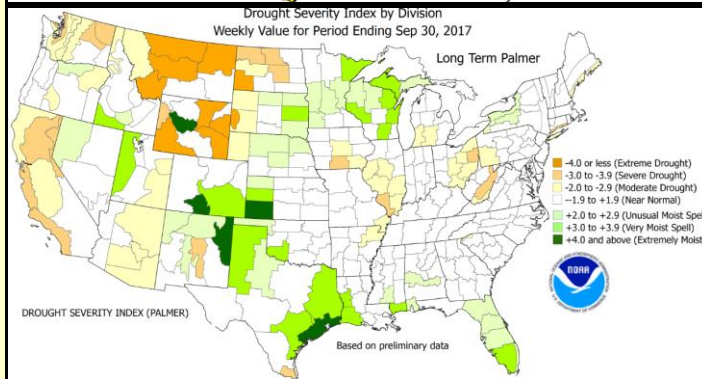
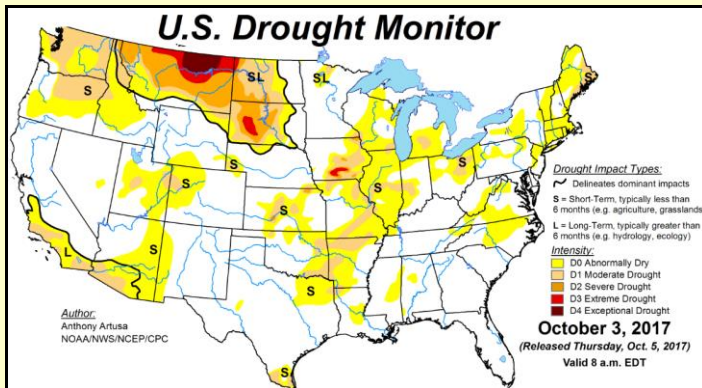
Above Normal =

#### Precipitation



Below Normal =

Above Normal =



**Discussion**

- Past Weather and Drought:** 30 day soil moisture and precipitation anomalies were below normal across portions of the Mid-Mississippi Valley and the southern Great Lakes towards the end of September 2017. Well above normal precipitation and soil moisture anomalies were in place over central and northern Minnesota as much needed rainfall occurred over these areas through the end of September, especially northwestern Minnesota. While the eastern states dried out quite a bit through the second half of September, overall precipitation and soil moisture anomalies closer to normal.
- Weather and Climate Outlook:** Warmer than normal conditions are forecast overall across the Upper Mississippi Valley and eastern New England into October 2017. Cooler than normal trends are then forecast across much of the Eastern Area through much of the late fall into the first half of the winter season. Wetter to near normal precipitation trends are expected over the majority of the Eastern Area October 2017 into January 2018.
- Fuel Conditions:** 100 and 1000 hour fuel moistures dropped below seasonal averages across portions of the Mid-Mississippi Valley through the end of September. Otherwise larger fuels were near seasonal normal over the majority of the Eastern Area. Energy Release Components or Canadian Build-Up Indices were at or below seasonal normal levels at the end of September.
- Fire Season Timing:** The 2017 fall fire season may begin earlier than normal across drier portions of the Mid-Mississippi Valley and southern Great Lakes.
- Area Discussion:** Near normal fire potential is expected over the majority of the Eastern Area through the remainder of the fall of 2017 with an overall forecast of cool and fairly wet weather. However, if drier than normal conditions persist over portions of the Mid-Mississippi Valley, above normal fire potential may persist or develop.



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