

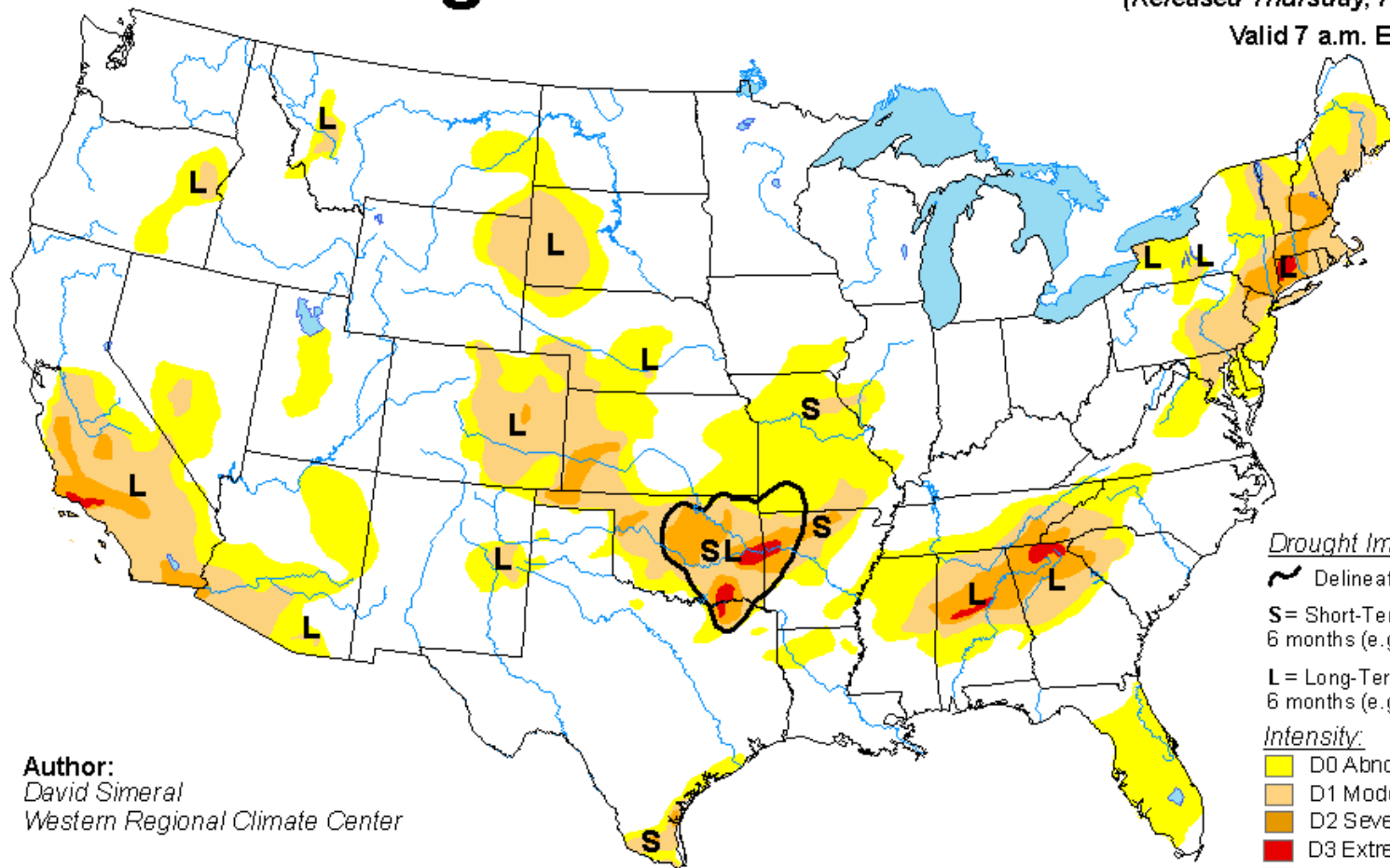
# SCOO Weekly Hydrologic Outlook



14 February 2017

# U.S. Drought Monitor

February 7, 2017  
 (Released Thursday, Feb. 9, 2017)  
 Valid 7 a.m. EST



Drought Impact Types:

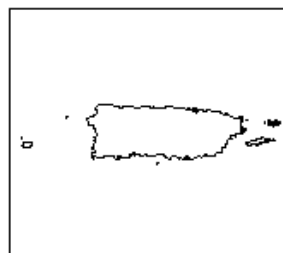
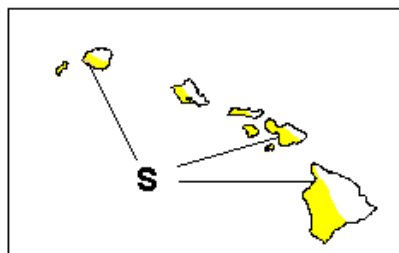
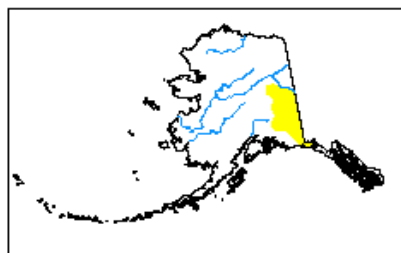
- ~ Delineates dominant impacts
- S= Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L= Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

- Yellow: D0 Abnormally Dry
- Light Orange: D1 Moderate Drought
- Medium Orange: D2 Severe Drought
- Red: D3 Extreme Drought
- Dark Red: D4 Exceptional Drought

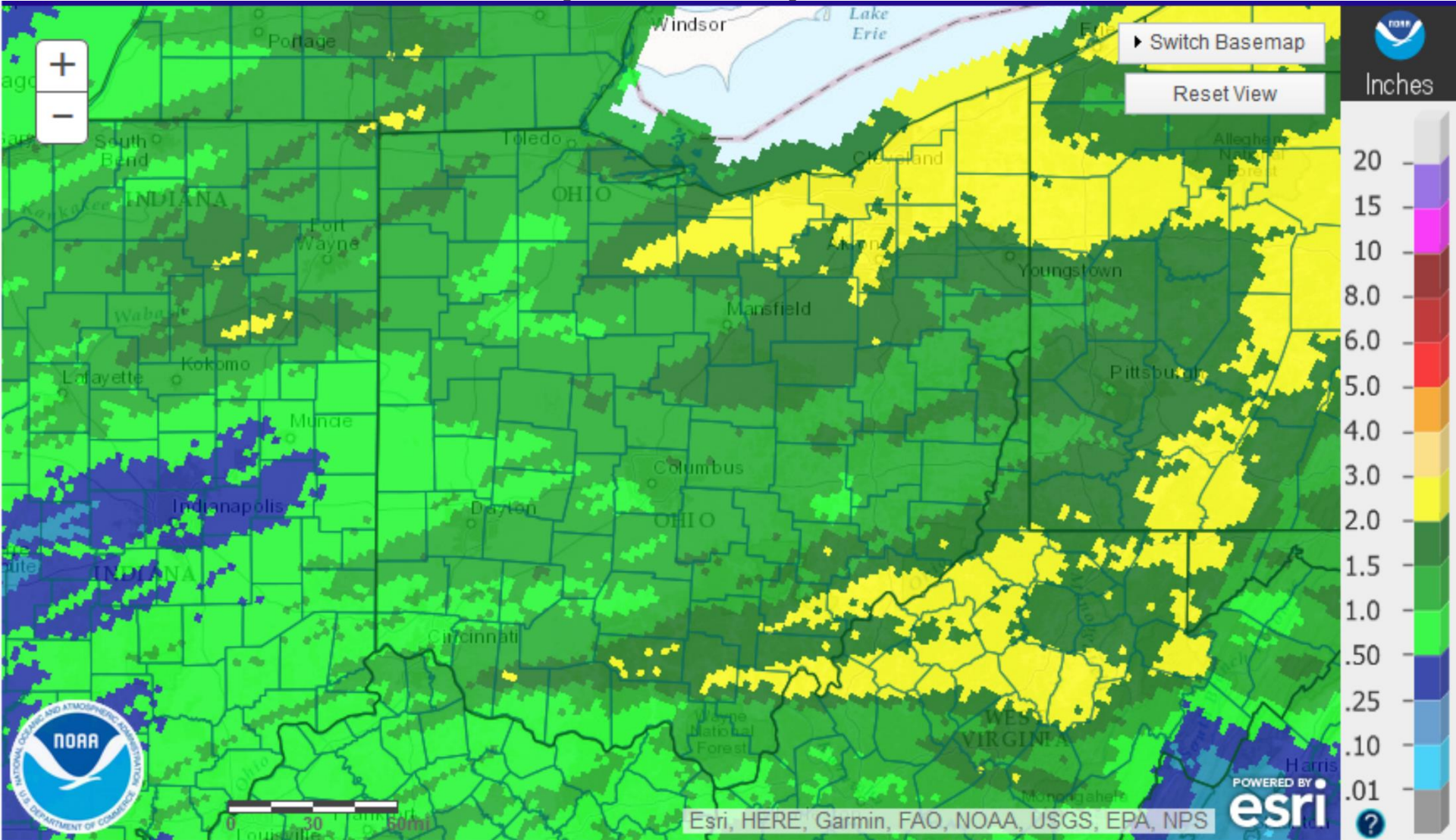
Author:  
 David Simeral  
 Western Regional Climate Center

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.



<http://droughtmonitor.unl.edu/>

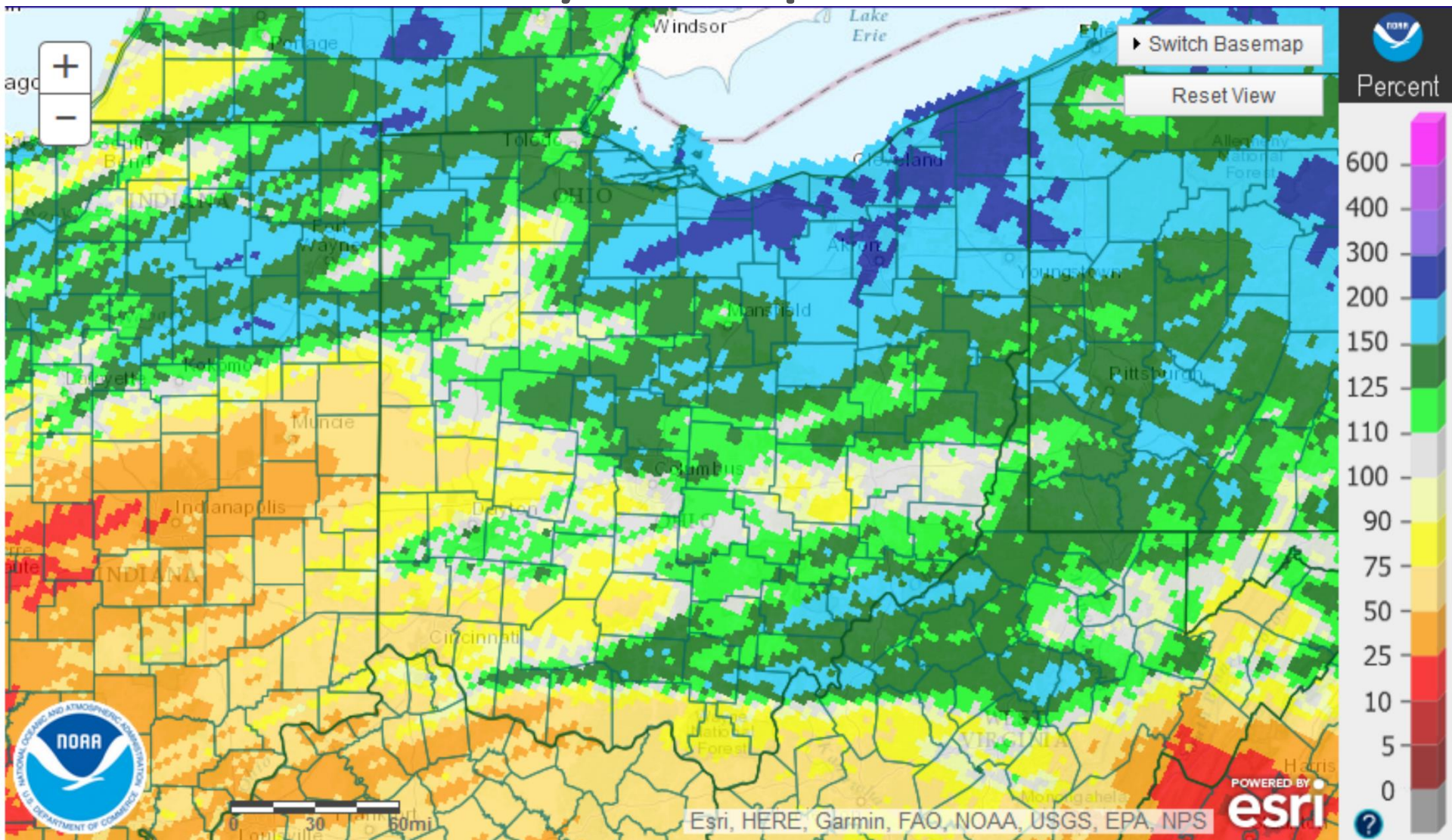
# Previous 14-Day Precipitation Estimates



Total Observed



# Previous 14-Day Precipitation Estimates

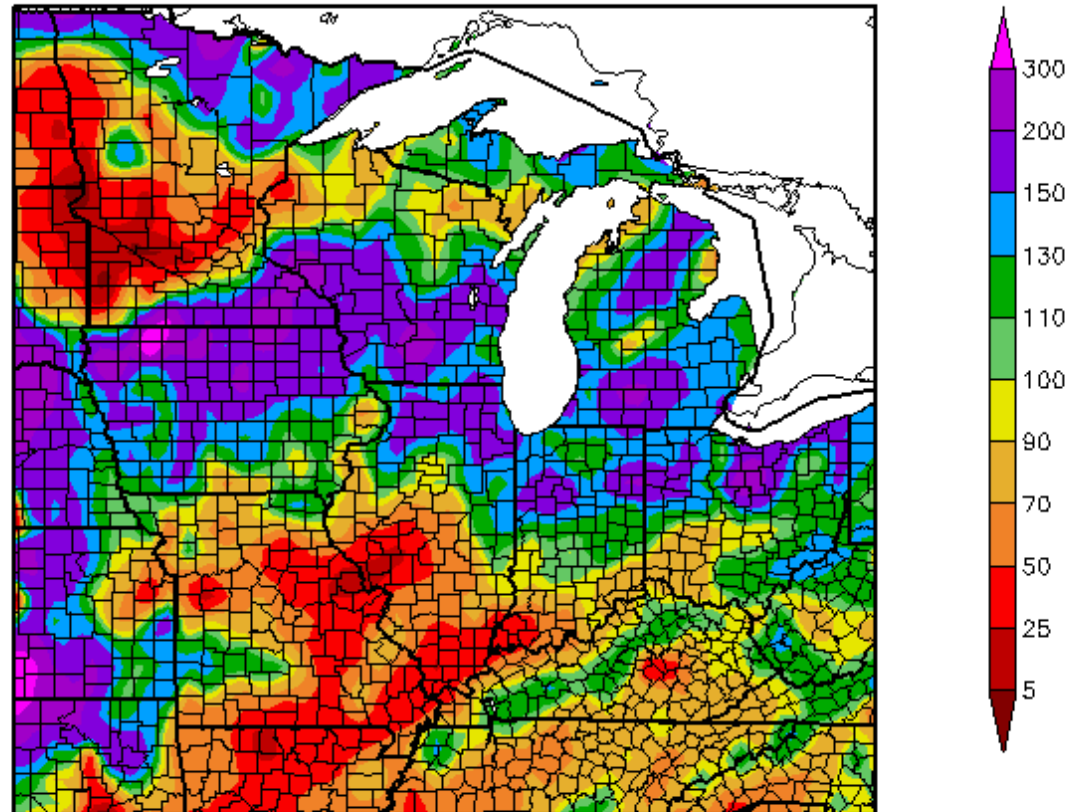


Percent of Normal



# Previous 30-Days

Percent of Normal Precipitation (%)  
1/15/2017 – 2/13/2017

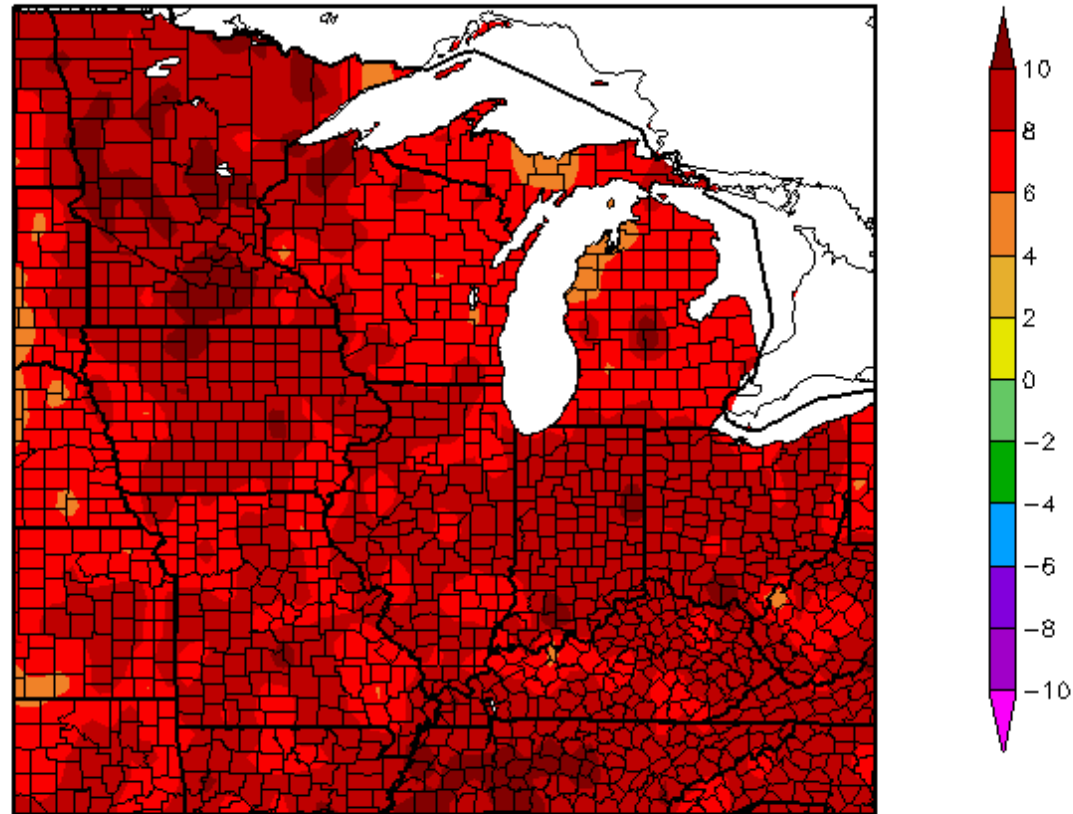


Generated 2/14/2017 at HPRCC using provisional data.

Regional Climate Centers

# Previous 30-Day Temperature Departure

Departure from Normal Temperature (F)  
1/15/2017 - 2/13/2017



Generated 2/14/2017 at HPRCC using provisional data.

Regional Climate Centers

# SPI: The Standardized Precipitation Index (SPI) indicates how unusual the amount of accumulated precipitation is, compared to the historical record over a given time scale.

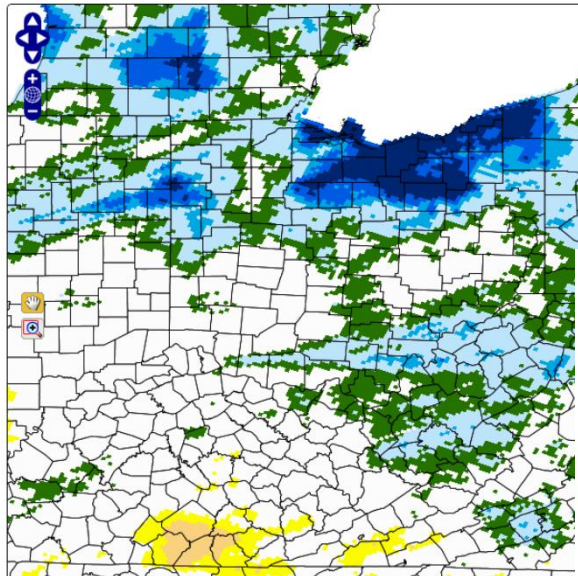

State Climate Office of North Carolina
Email: [sco@climate.ncsu.edu](mailto:sco@climate.ncsu.edu)  
Phone: 919-515-3056


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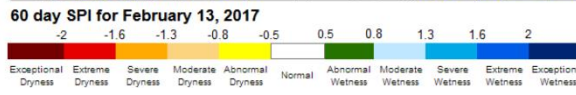
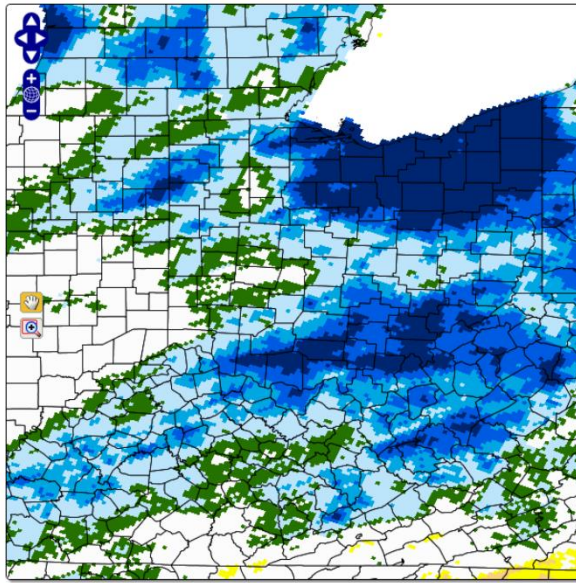
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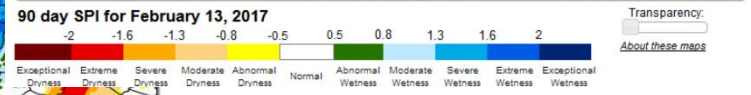
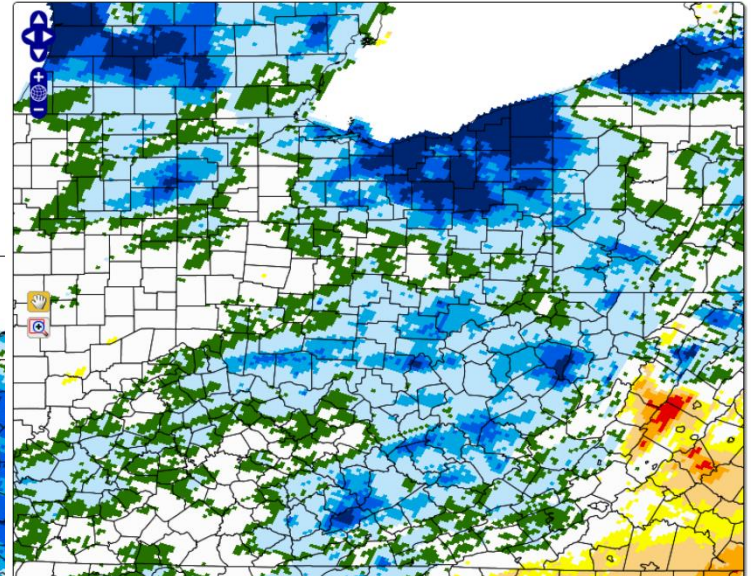
Experimental High Resolution Drought Trigger Tool



30-Day



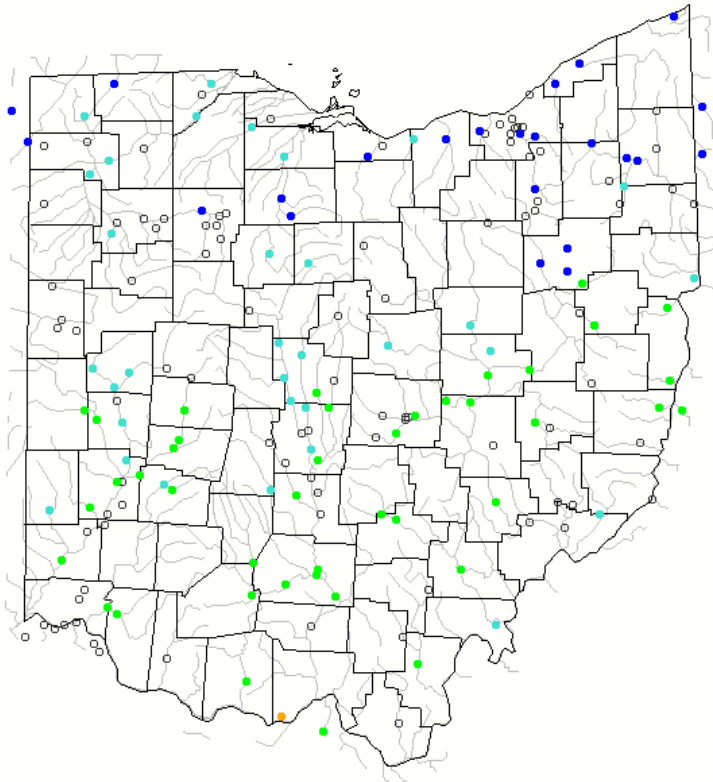
60-Day



90-Day

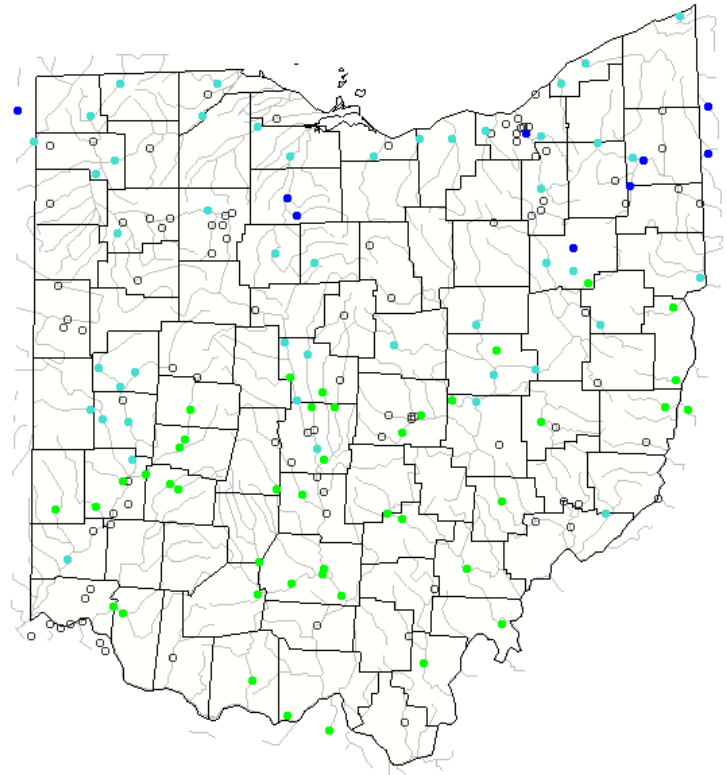
Transparency:   
[About these maps](#)

7-DAY



# USGS Streamflow

28-DAY

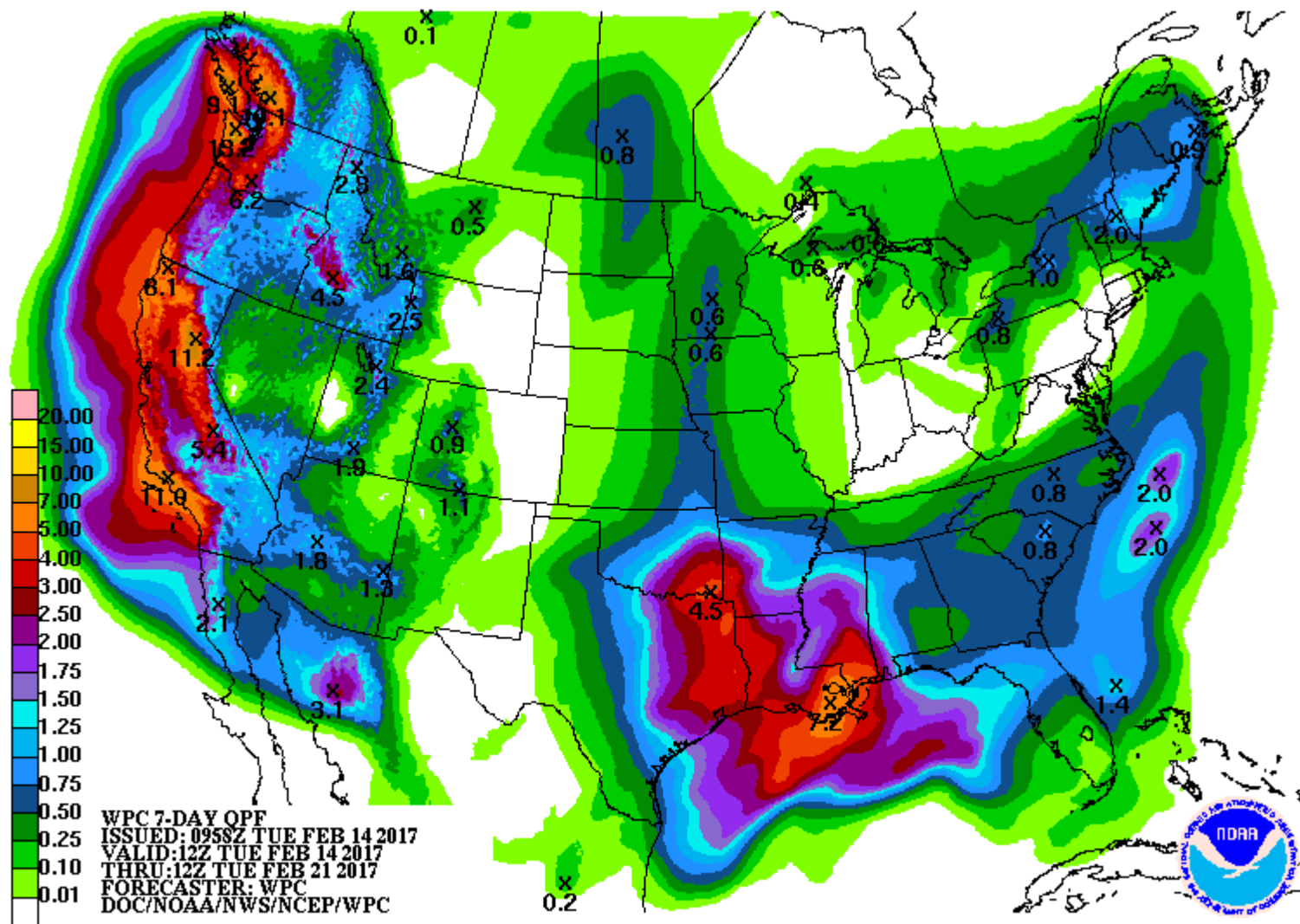


Explanation - Percentile classes

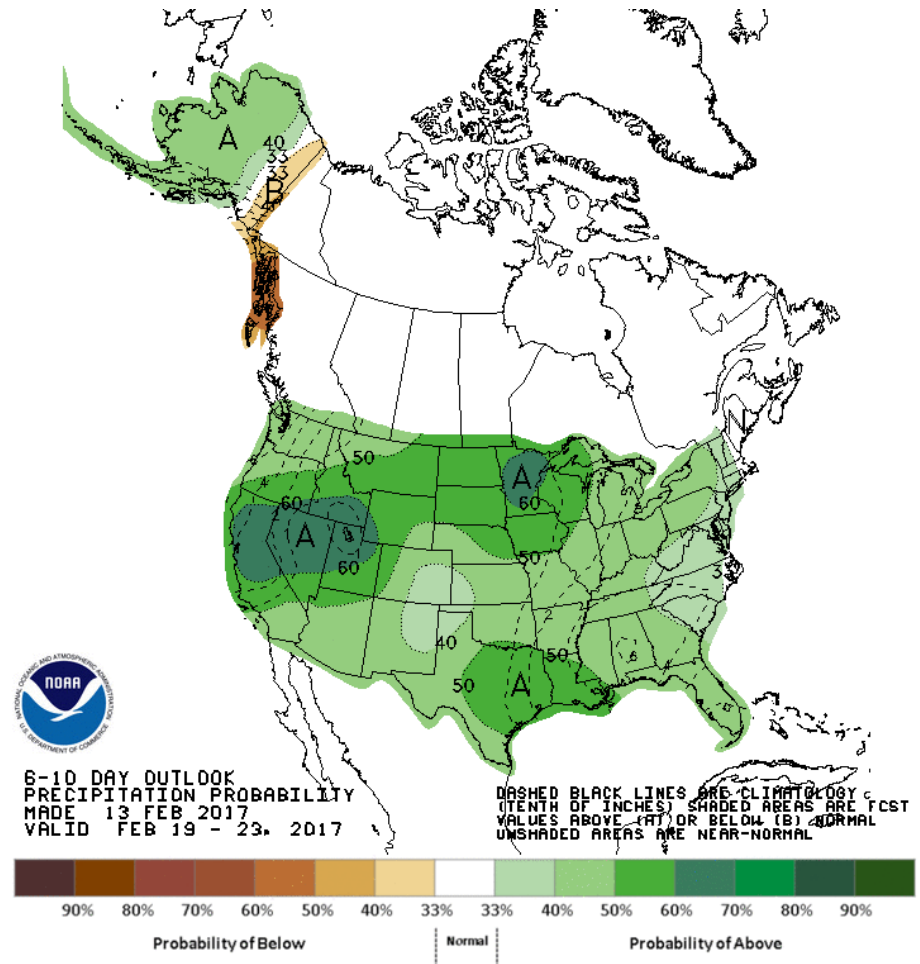
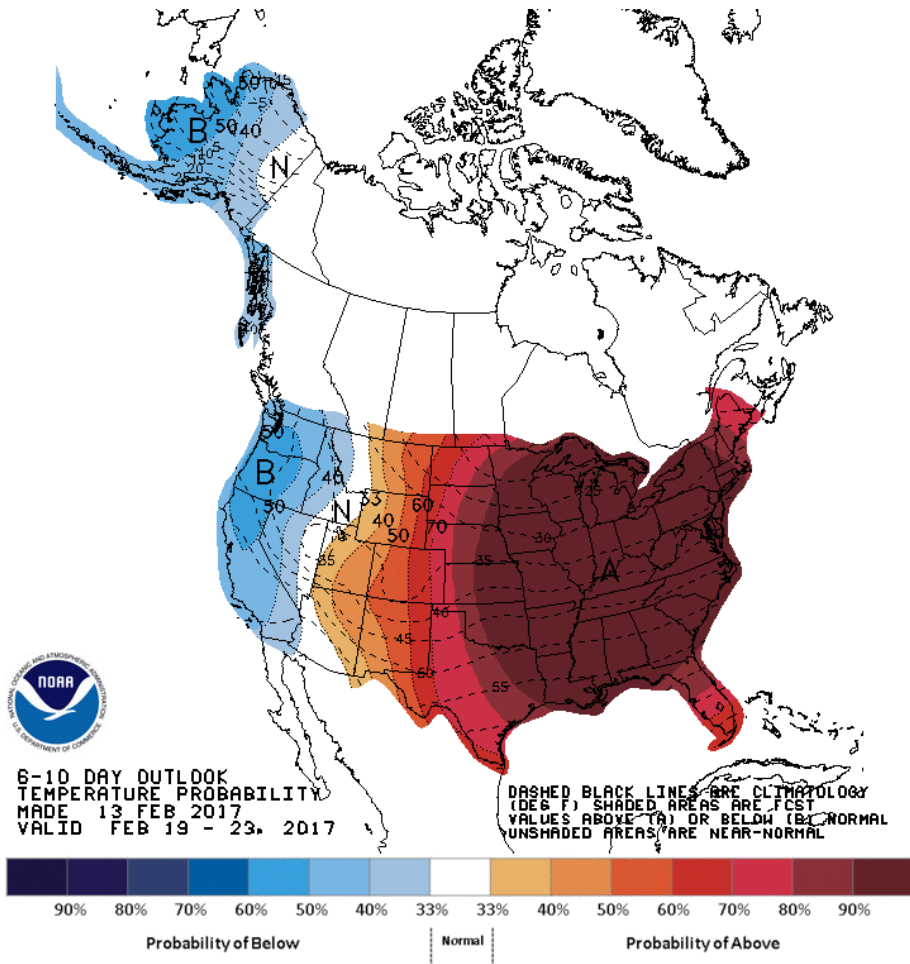
Low	<10 Much below normal	10-24 Below normal	25-75 Normal	76-90 Above normal	>90 Much above normal	High	Not-ranked

Average streamflow compared to historical streamflow for the day of the year

# Weather for the Week Ahead



# 6-10 Day Outlook



# Summary of Conditions

Let's get an extended weather forecast from a jittery, inconsistent, reddish brown rodent.



- Drought Monitor: No Drought in Ohio
- 30-Day and 60-Day: Normal to wet across the state
- 30-Day temperatures have been extremely warm; lots of variability
- Increased Flooding potential across the north
- No changes to the drought designation for the next week or two