

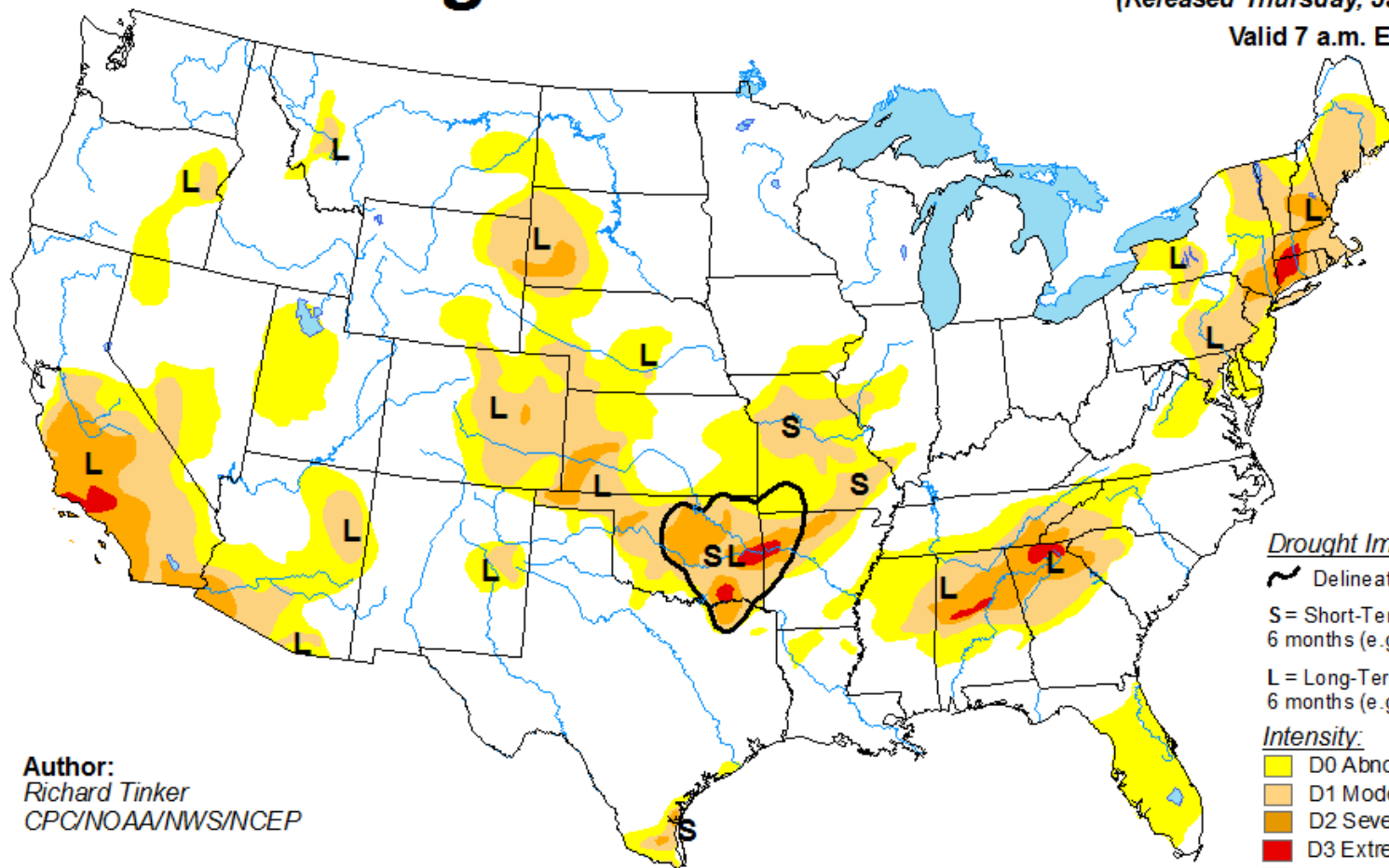
# SCOO Weekly Hydrologic Outlook



31 January 2017


# U.S. Drought Monitor

January 24, 2017  
(Released Thursday, Jan. 26, 2017)  
Valid 7 a.m. EST








Author:  
Richard Tinker  
CPC/NOAA/NWS/NCEP

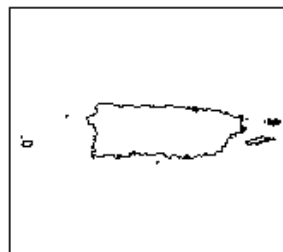
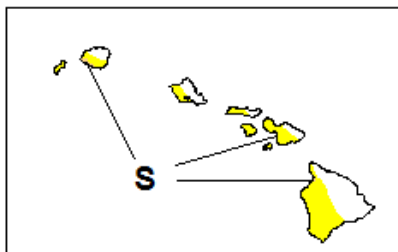
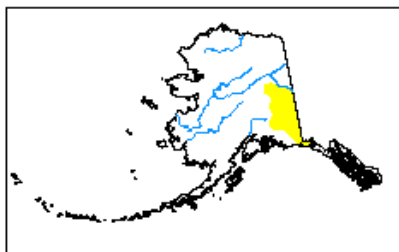
## Drought Impact Types:

-  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:

-  D0 Abnormally Dry
-  D1 Moderate Drought
-  D2 Severe Drought
-  D3 Extreme Drought
-  D4 Exceptional Drought

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

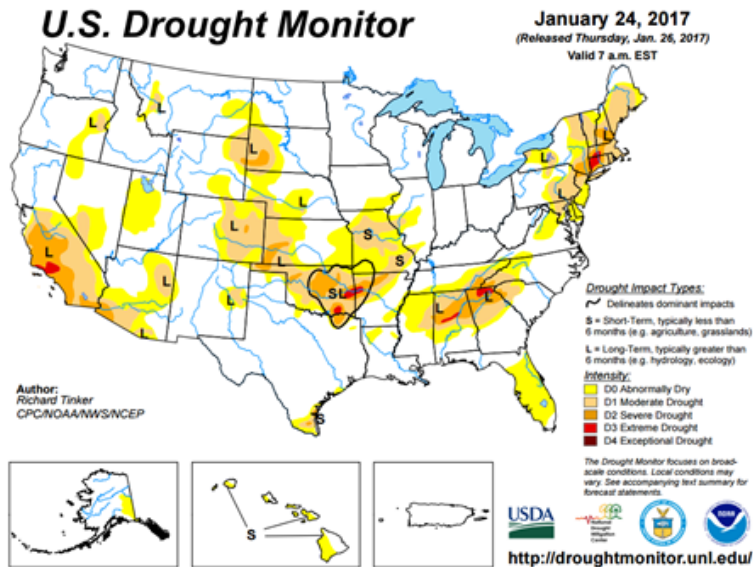


<http://droughtmonitor.unl.edu/>

# Exceptional Drought Gone!

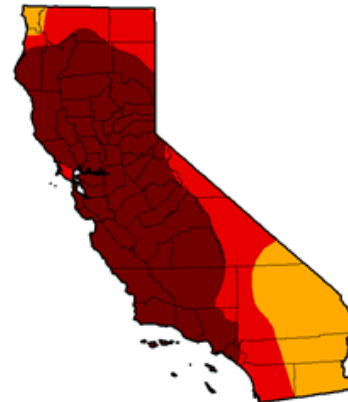


## The Entire Country Is Free of Exceptional Drought (D4)

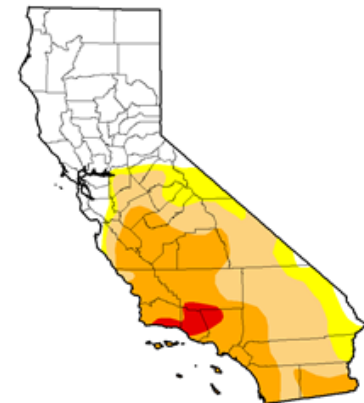


California is now D4-free for the first time since January 21, 2014.

At the peak of the California drought on July 29, 2014, 58% of the state was in D4.



July 29, 2014



January 24, 2017

This is the first time the entire U.S. has been free of D4 drought since March 29, 2011.

This is the least amount of D3/D4 (extreme/exceptional) drought in the U.S. since October 5, 2010.

**U.S. Drought Monitor:**  
<http://droughtmonitor.unl.edu/>

National Weather Service, Louisville KY

# U.S. Drought Monitor

## Ohio

**January 24, 2017**  
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Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	100.00	0.00	0.00	0.00	0.00	0.00
<b>Last Week</b> <i>1/17/2017</i>	100.00	0.00	0.00	0.00	0.00	0.00
<b>3 Months Ago</b> <i>10/25/2016</i>	99.31	0.69	0.00	0.00	0.00	0.00
<b>Start of Calendar Year</b> <i>1/3/2017</i>	88.16	11.84	0.00	0.00	0.00	0.00
<b>Start of Water Year</b> <i>9/27/2016</i>	36.51	63.49	7.94	0.00	0.00	0.00
<b>One Year Ago</b> <i>1/26/2016</i>	100.00	0.00	0.00	0.00	0.00	0.00

Intensity:

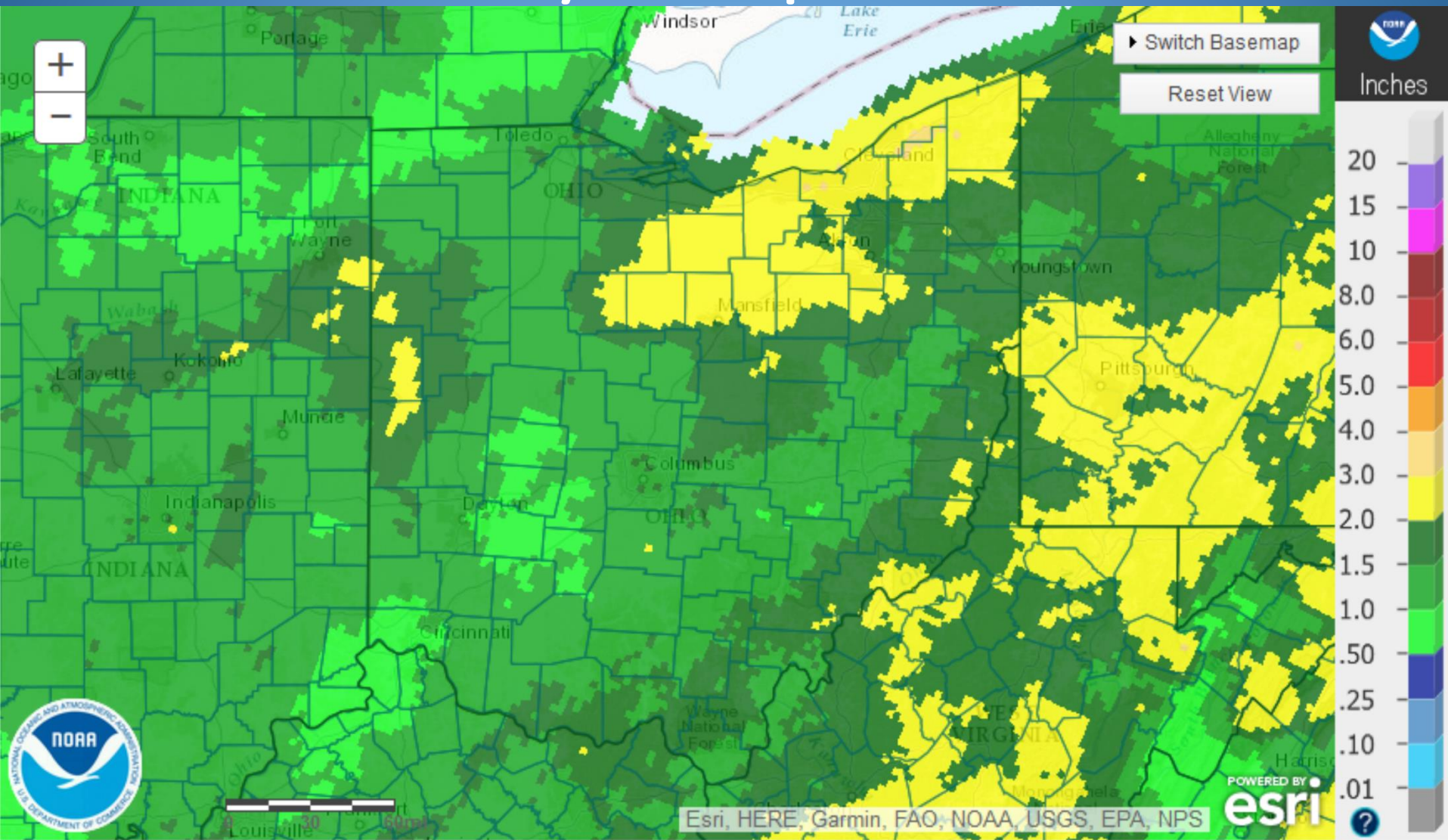
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

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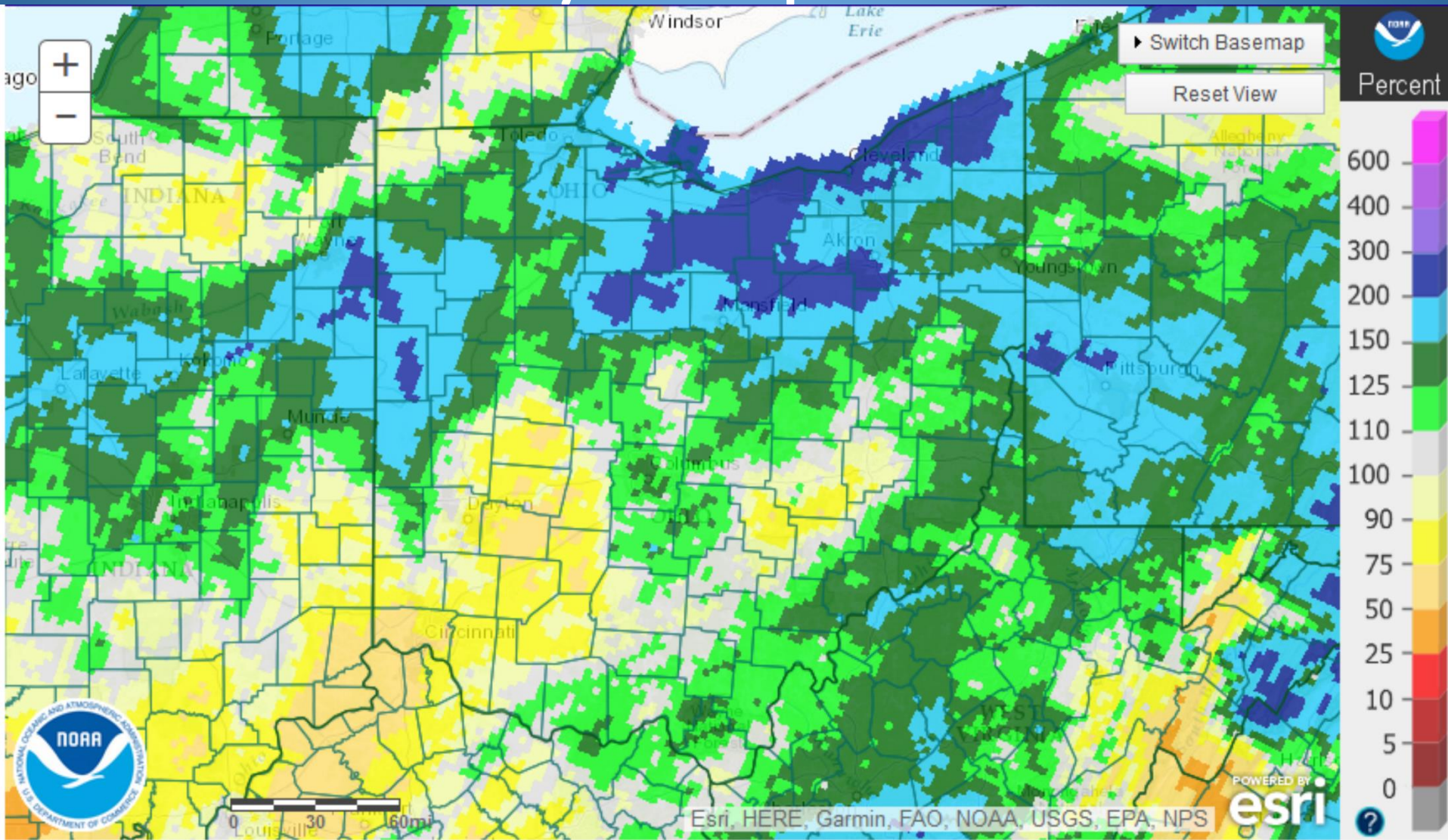
# Previous 14-Day Precipitation Estimates



Total Observed



# Previous 14-Day Precipitation Estimates

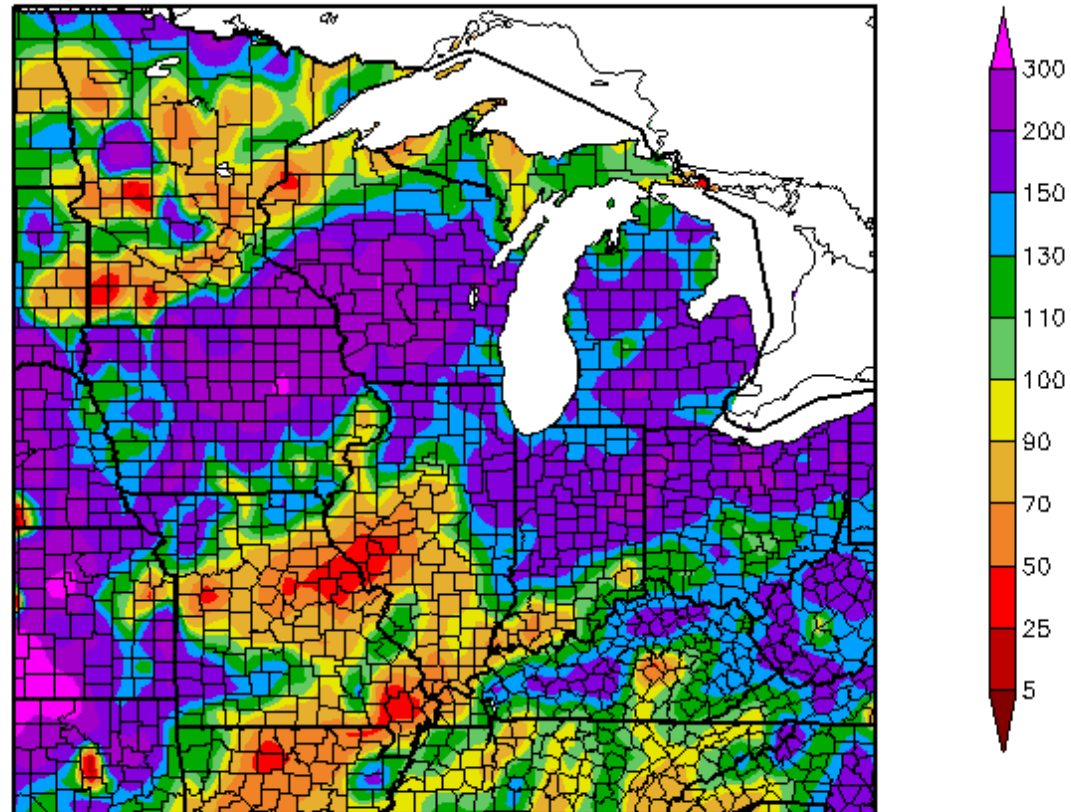


Percent of Normal



# Previous 30-Days

Percent of Normal Precipitation (%)  
1/1/2017 - 1/30/2017

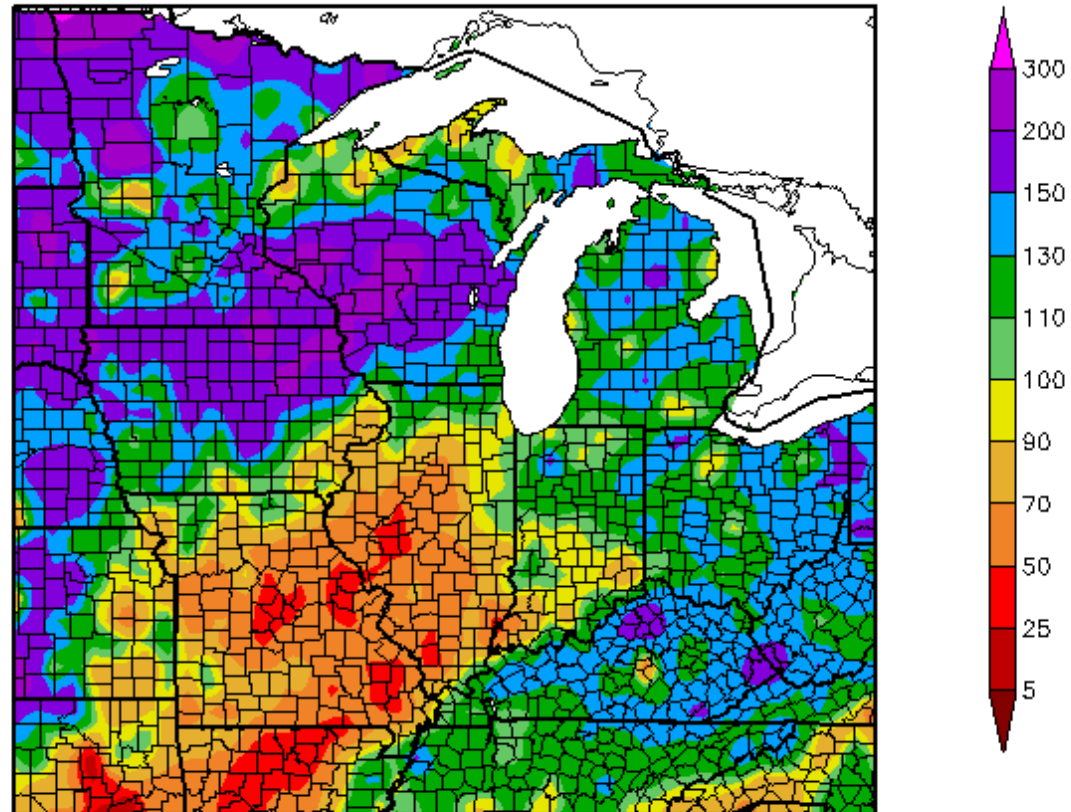


Generated 1/31/2017 at HPRCC using provisional data.

Regional Climate Centers

# Previous 60-Days

Percent of Normal Precipitation (%)  
12/2/2016 – 1/30/2017



Generated 1/31/2017 at HPRCC using provisional data.

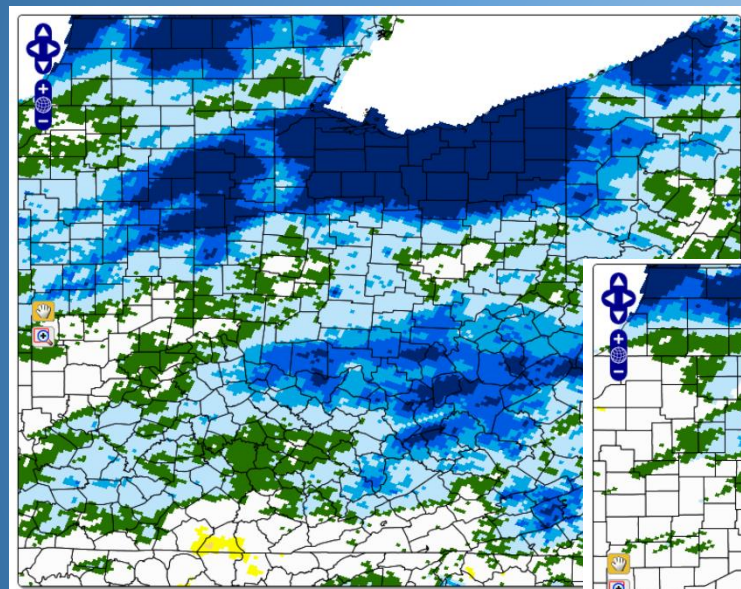
Regional Climate Centers

# 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.

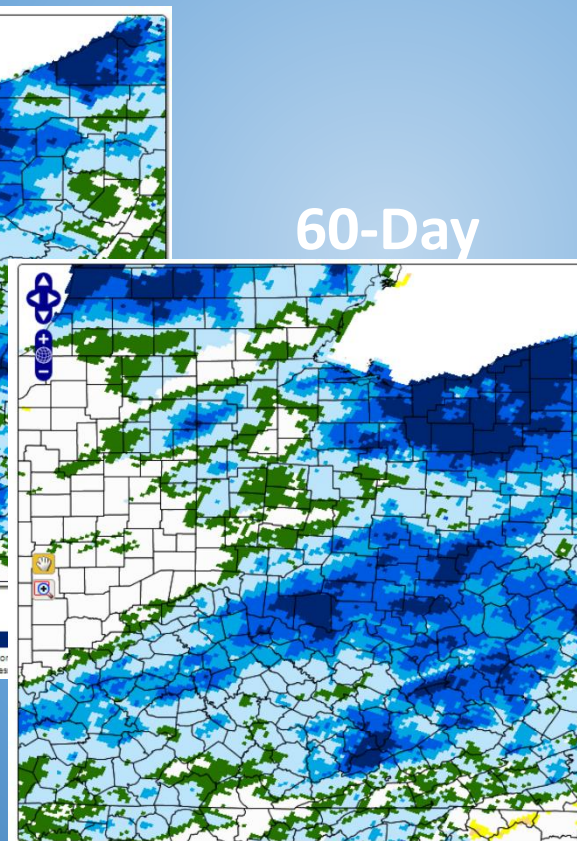

**State Climate Office of North Carolina**
Email: [sco@climate.ncsu.edu](mailto:sco@climate.ncsu.edu)  
Phone: 919-515-3056

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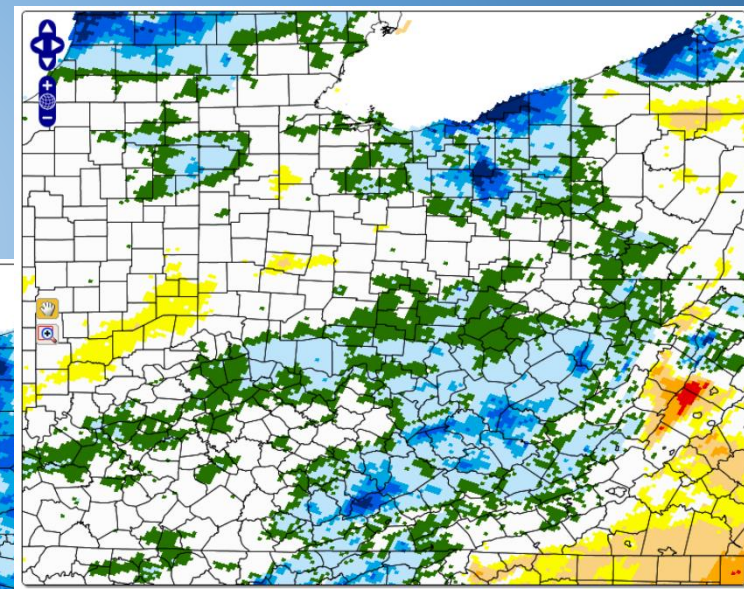
**Experimental High Resolution Drought Trigger Tool**



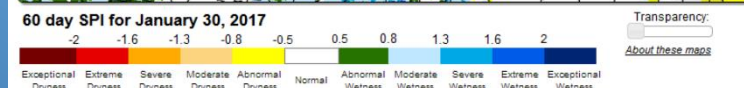
**30-Day**



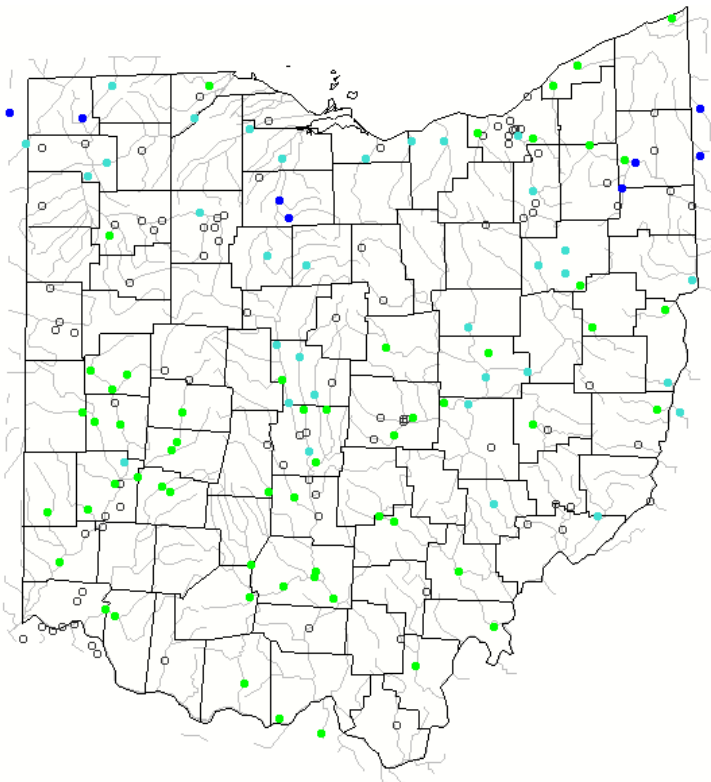
**60-Day**



**90-Day**

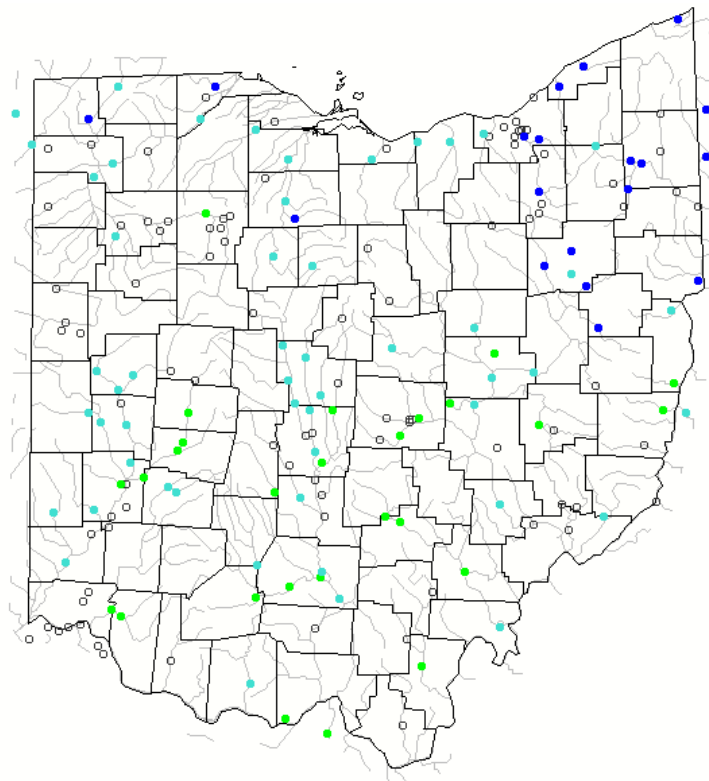


## 7-DAY



# USGS Streamflow

## 28-DAY

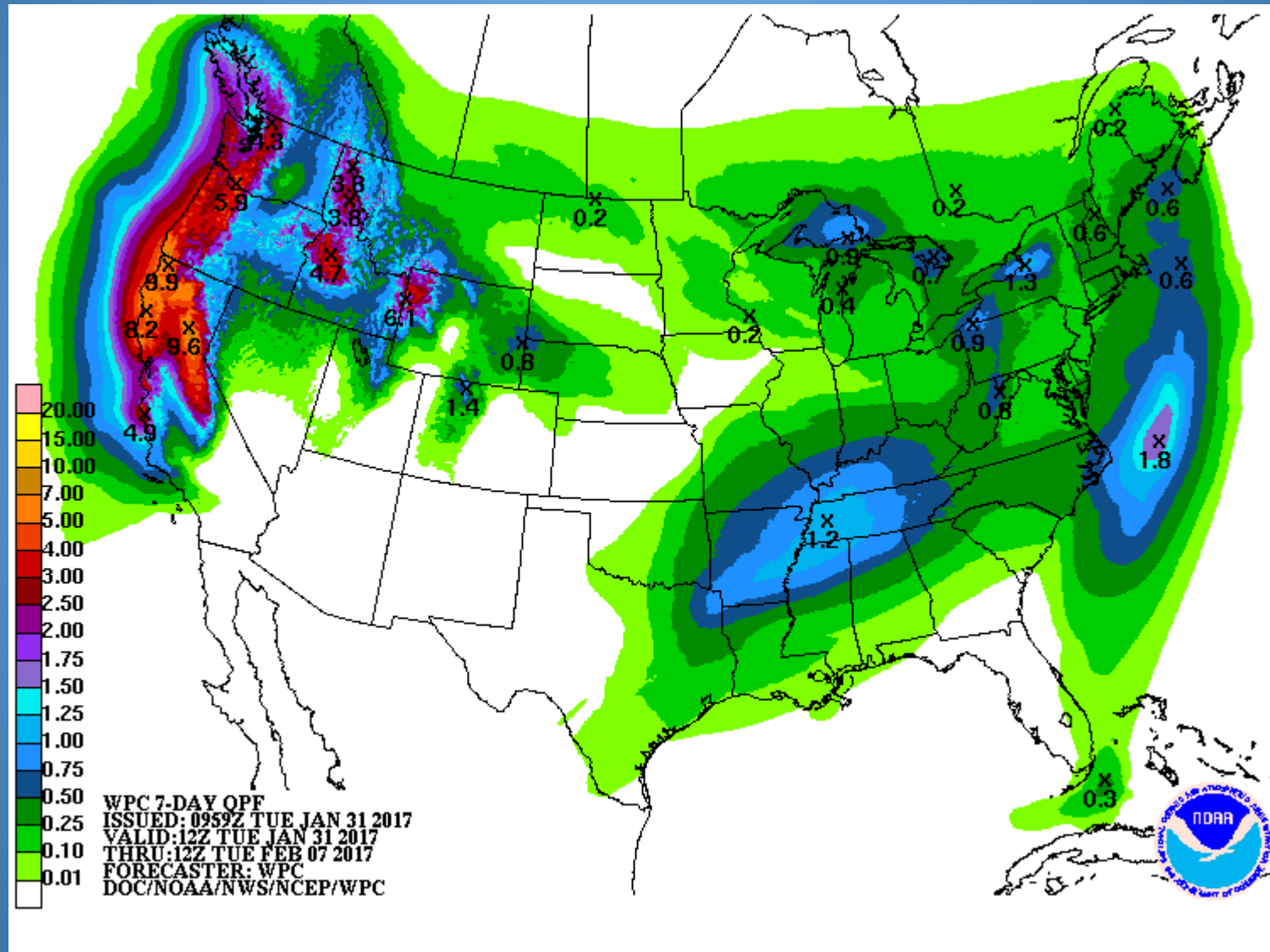


### Explanation - Percentile classes

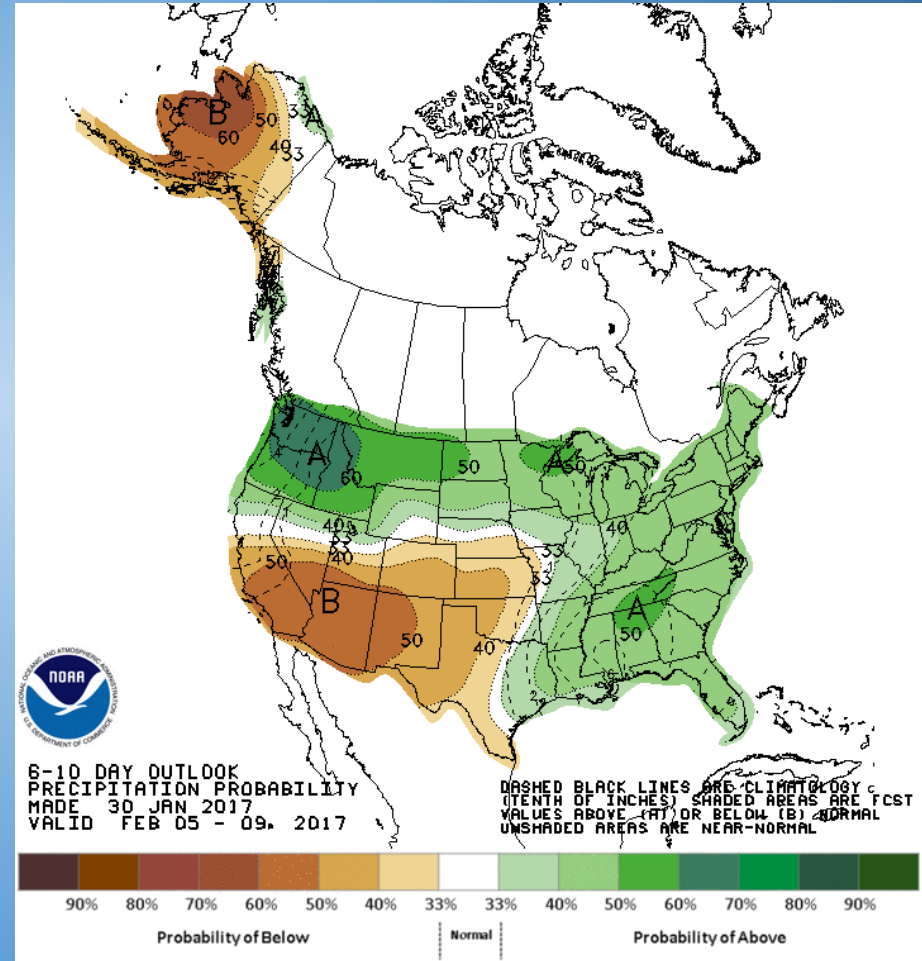
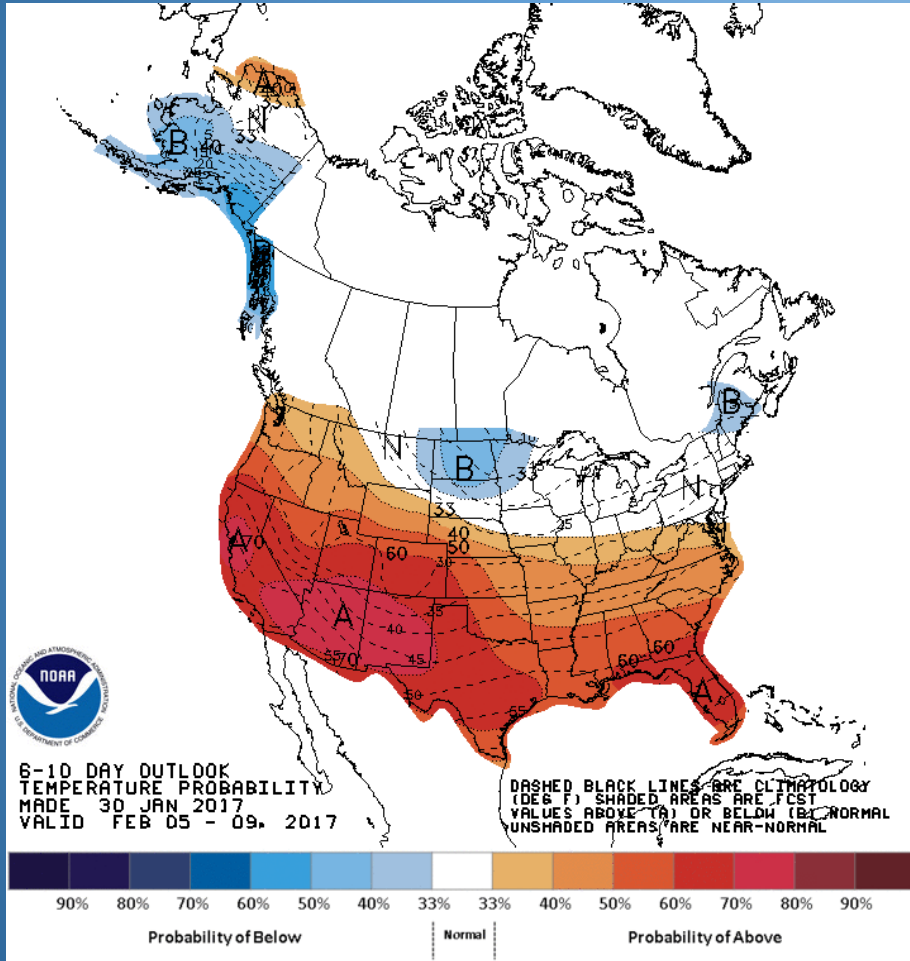
Low	<10 Much below normal	10-24 Below normal	25-75 Normal	76-90 Above normal	>90 Much above normal	High	Not-ranked

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

# Weather for the Week Ahead



# 6-10 Day Outlook



# Summary of Conditions

- **Current**

- Drought Monitor: All drought levels have been removed from Ohio
- 30-Day and 60-Day drought indicators demonstrate normal to wet conditions across the state
- No changes to the drought designation for the next week or two
- Some minor flooding (e.g., field, streams) as this wet pattern is expected to continue into February

