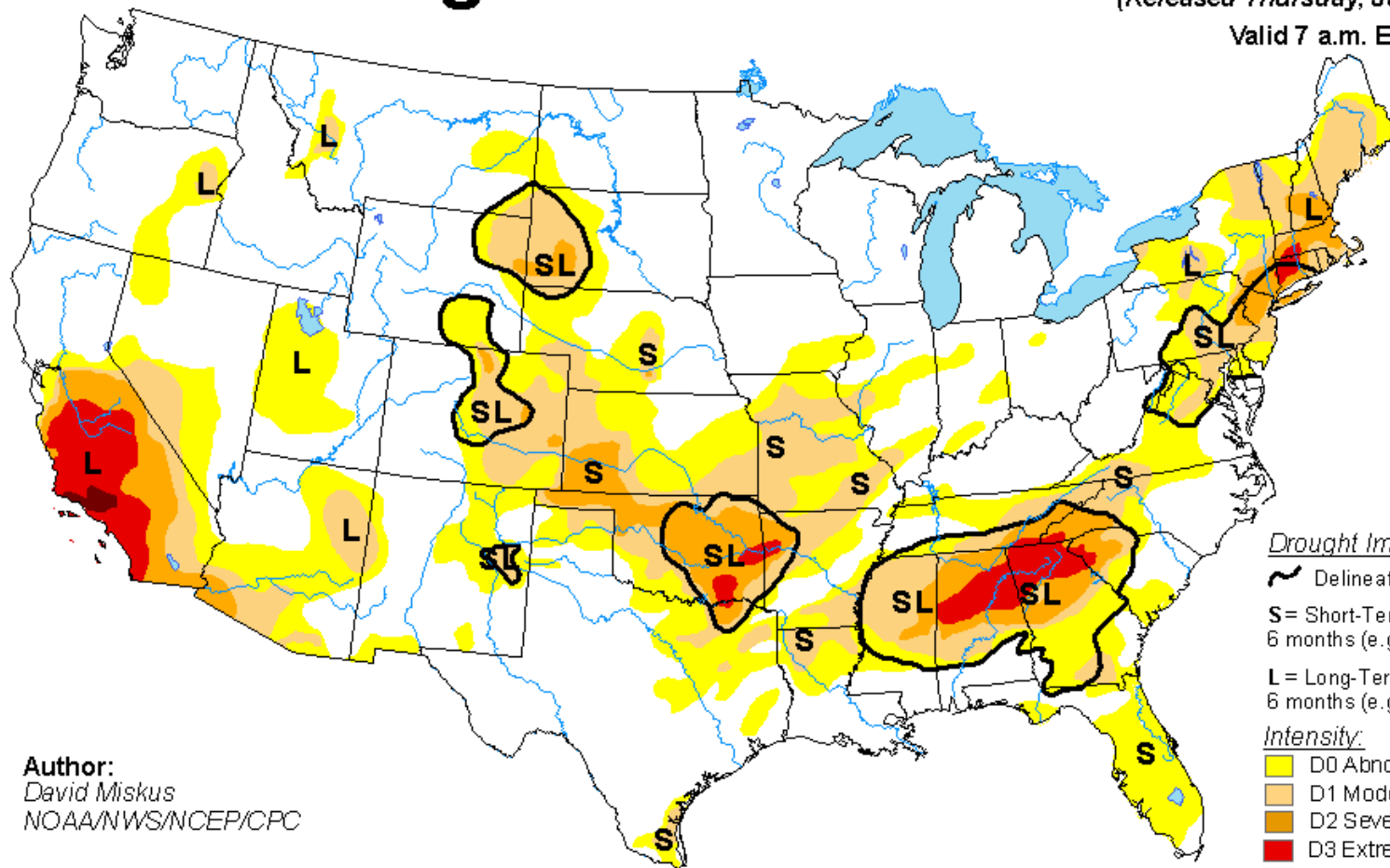


SCOO Weekly Hydrologic Outlook

17 January 2017

U.S. Drought Monitor

January 10, 2017
 (Released Thursday, Jan. 12, 2017)
 Valid 7 a.m. EST



Drought Impact Types:

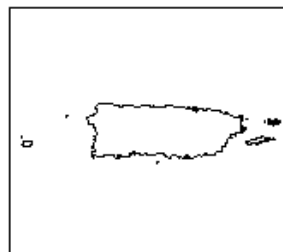
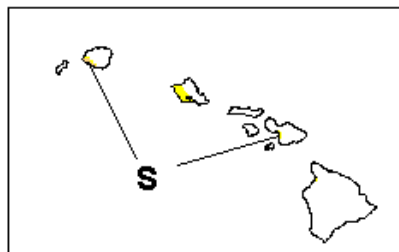
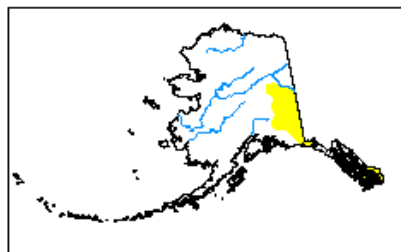
- ~ Delineates dominant impacts
- S= Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L= Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

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

Author:
 David Miskus
 NOAA/NWS/NCEP/CPC

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

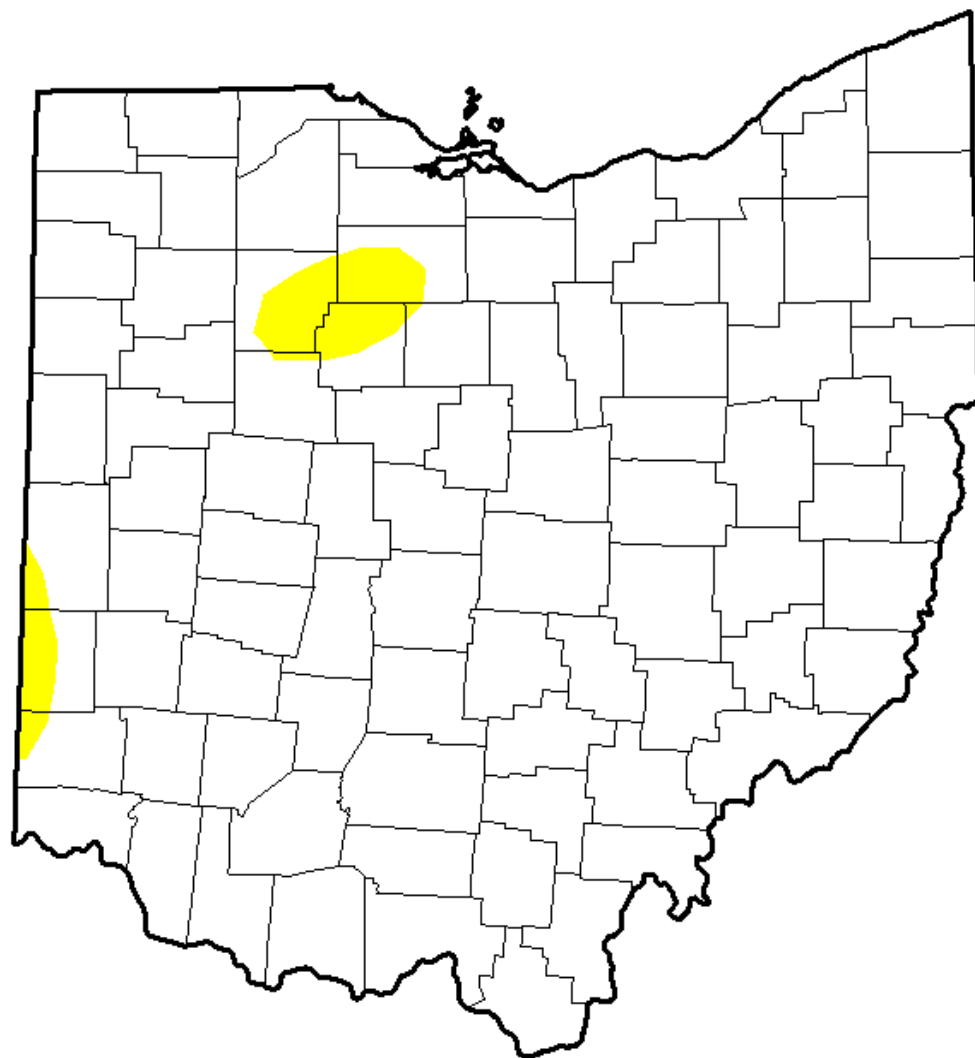


<http://droughtmonitor.unl.edu/>

U.S. Drought Monitor

Ohio

January 10, 2017
 (Released Thursday, Jan. 12, 2017)
 Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	97.28	2.72	0.00	0.00	0.00	0.00
Last Week <i>1/3/2017</i>	88.16	11.84	0.00	0.00	0.00	0.00
3 Months Ago <i>10/11/2016</i>	79.66	20.34	0.00	0.00	0.00	0.00
Start of Calendar Year <i>1/3/2017</i>	88.16	11.84	0.00	0.00	0.00	0.00
Start of Water Year <i>9/27/2016</i>	36.51	63.49	7.94	0.00	0.00	0.00
One Year Ago <i>1/12/2016</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

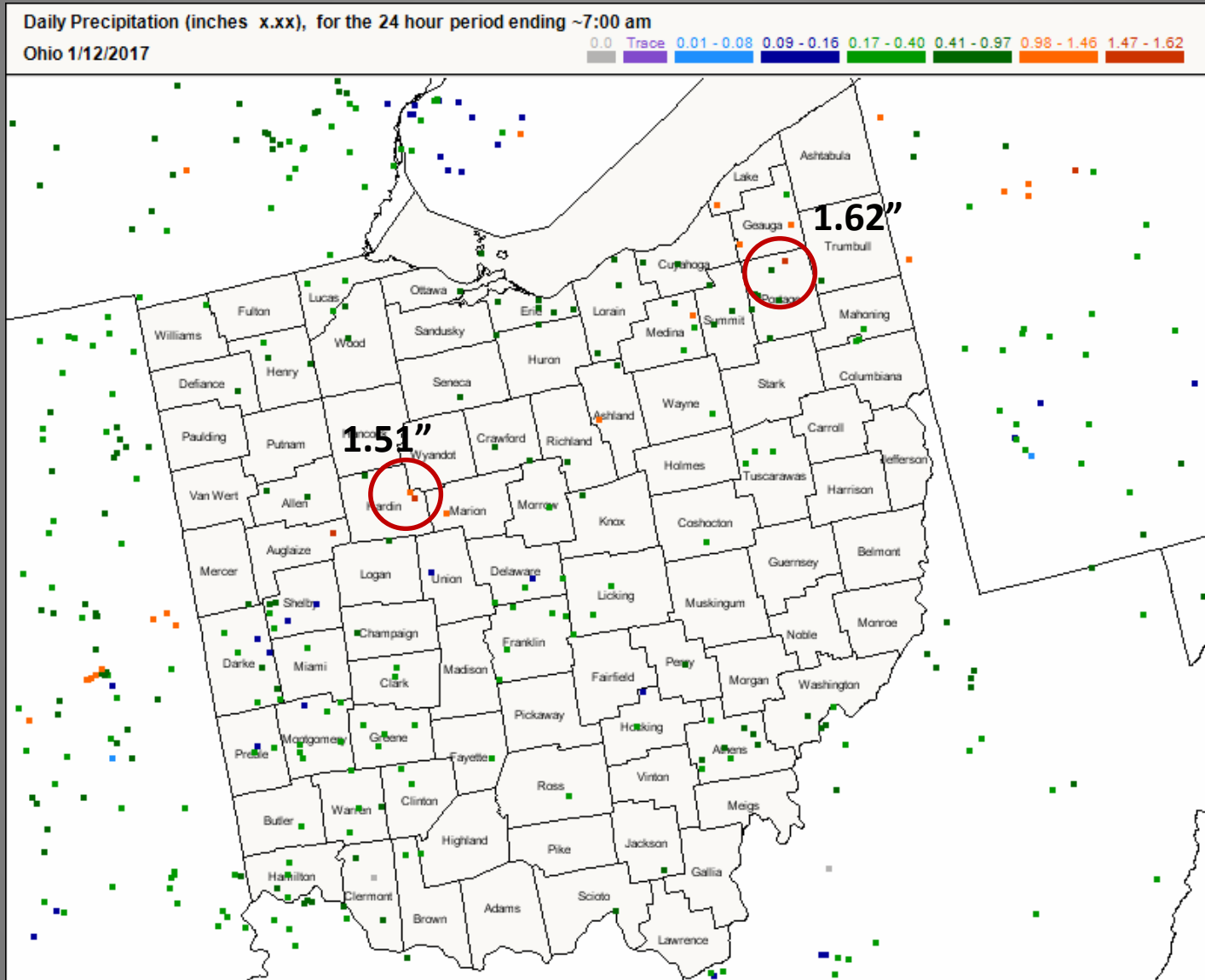
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:

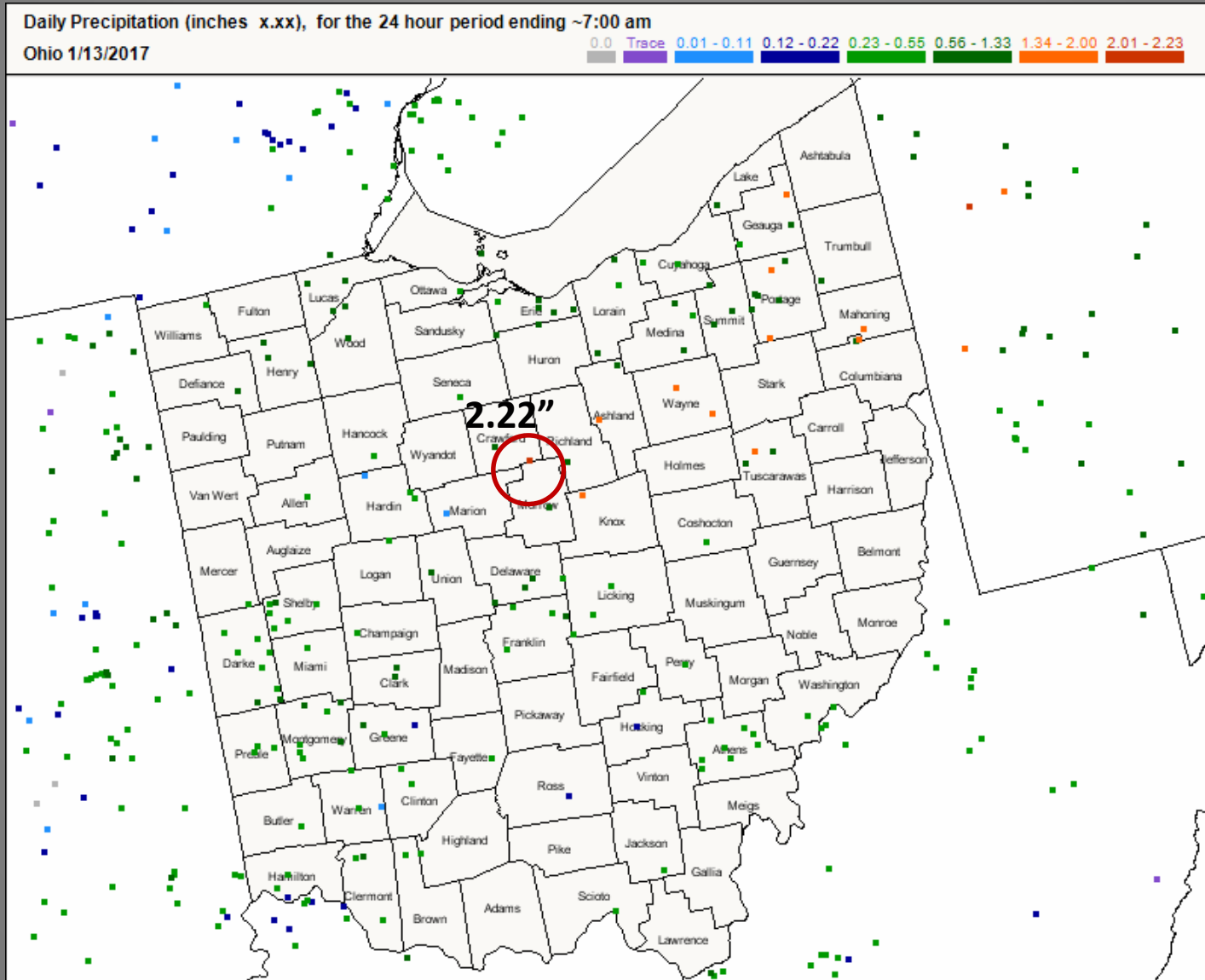
David Miskus
 NOAA/NWS/NCEP/CPC



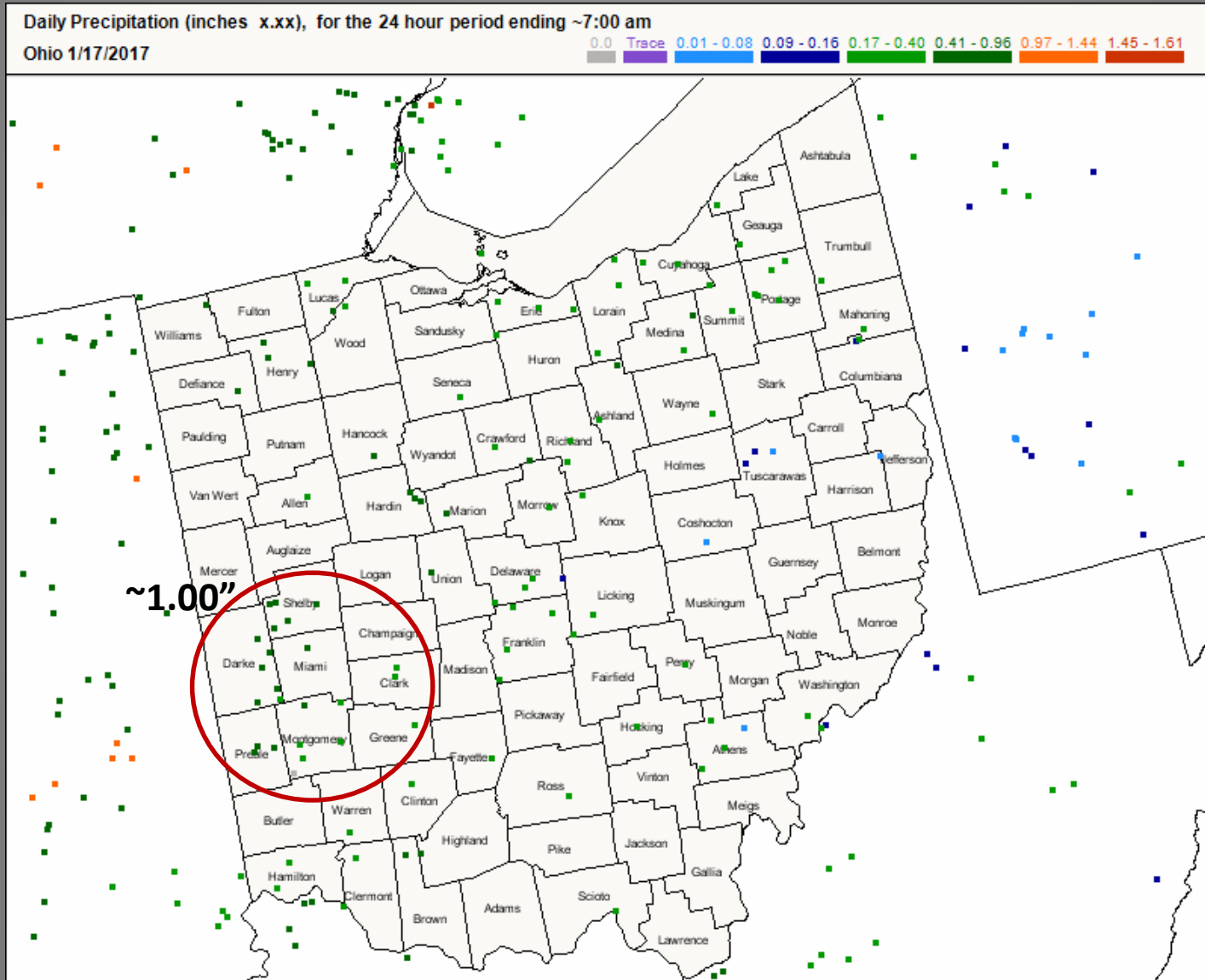
CoCoRaHS: 12 January



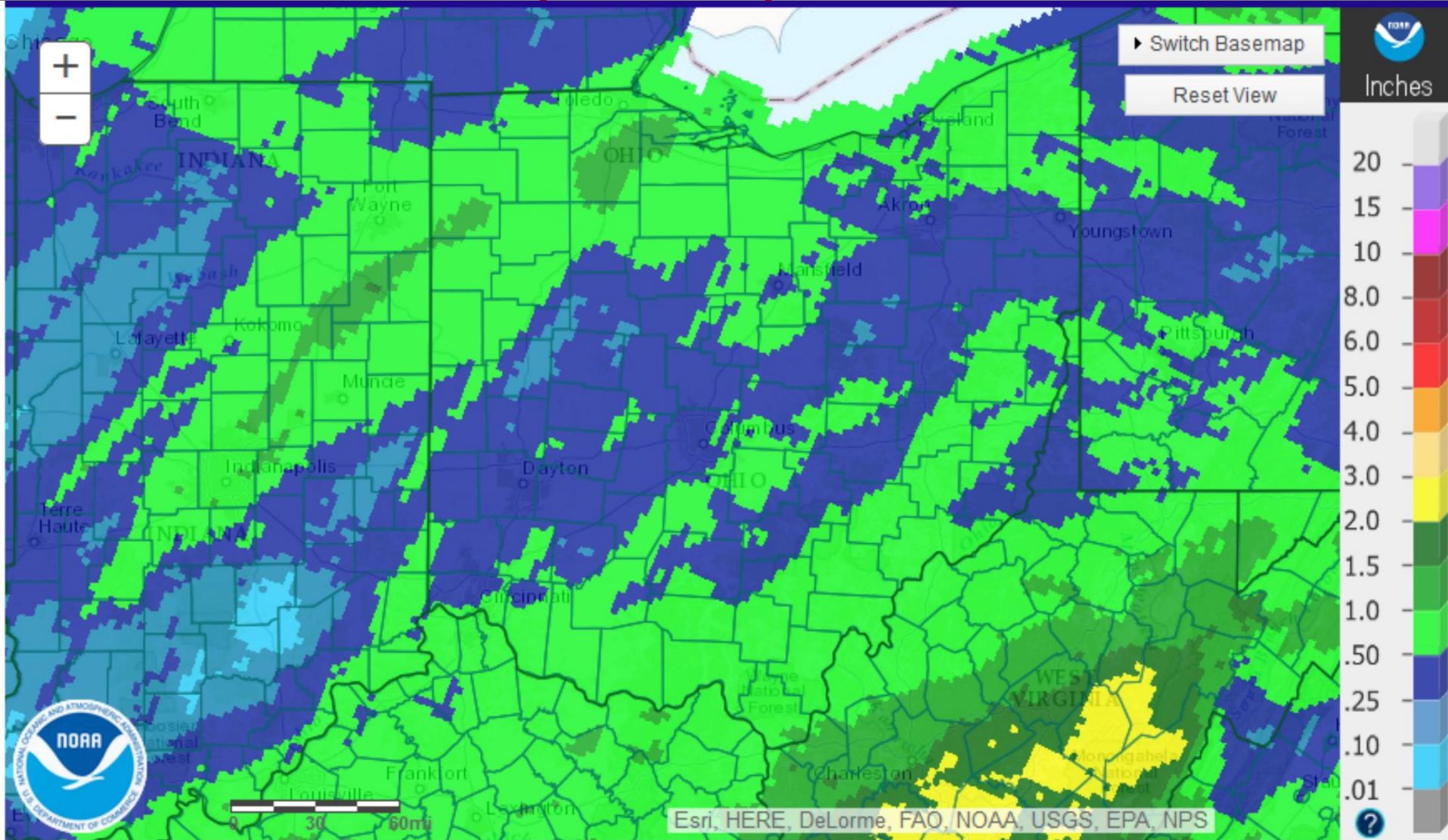
CoCoRaHS: 13 January



CoCoRaHS: 17 January



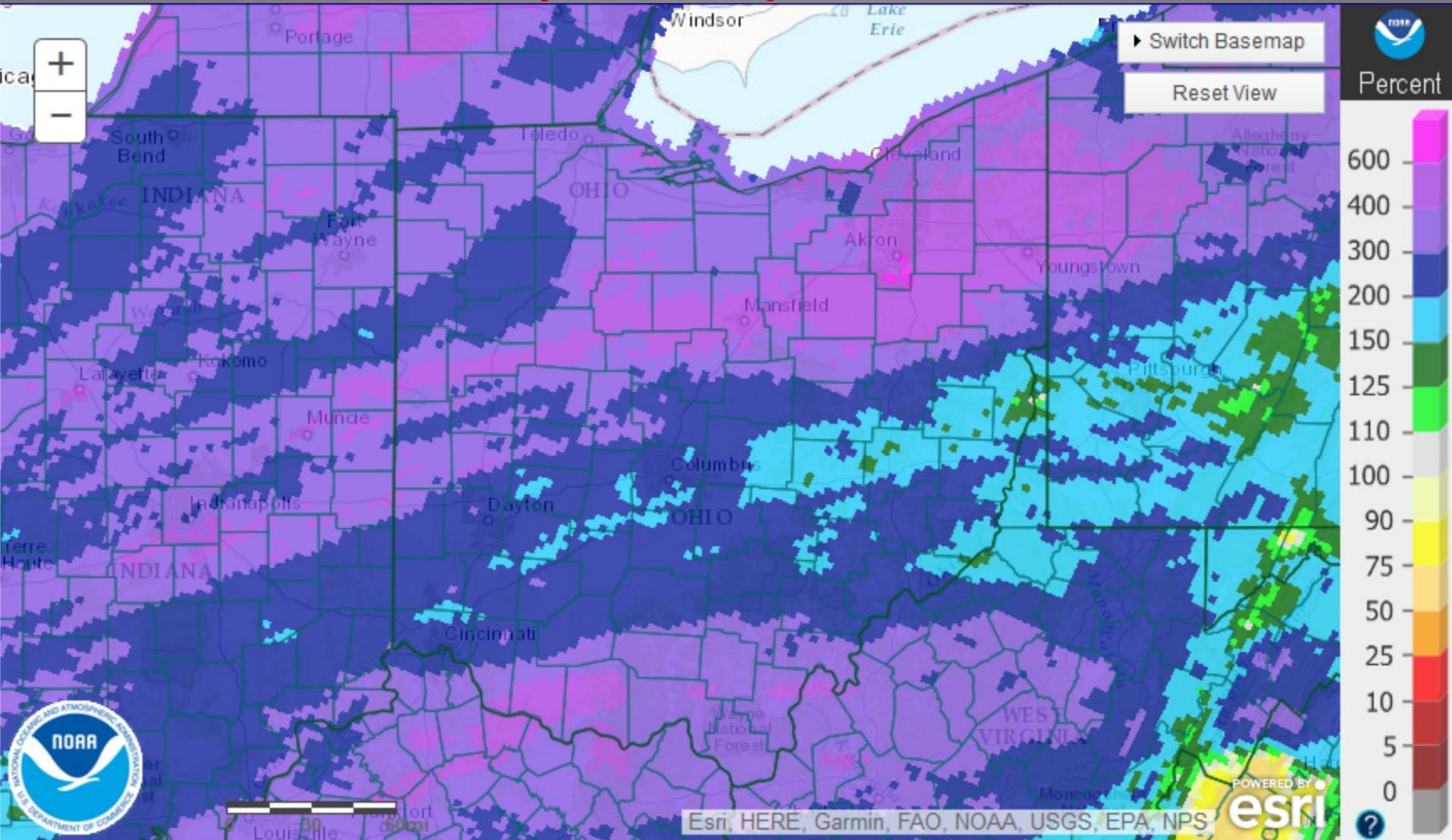
Previous 7-Day Precipitation Estimates



Total Observed



Previous 7-Day Precipitation Estimates

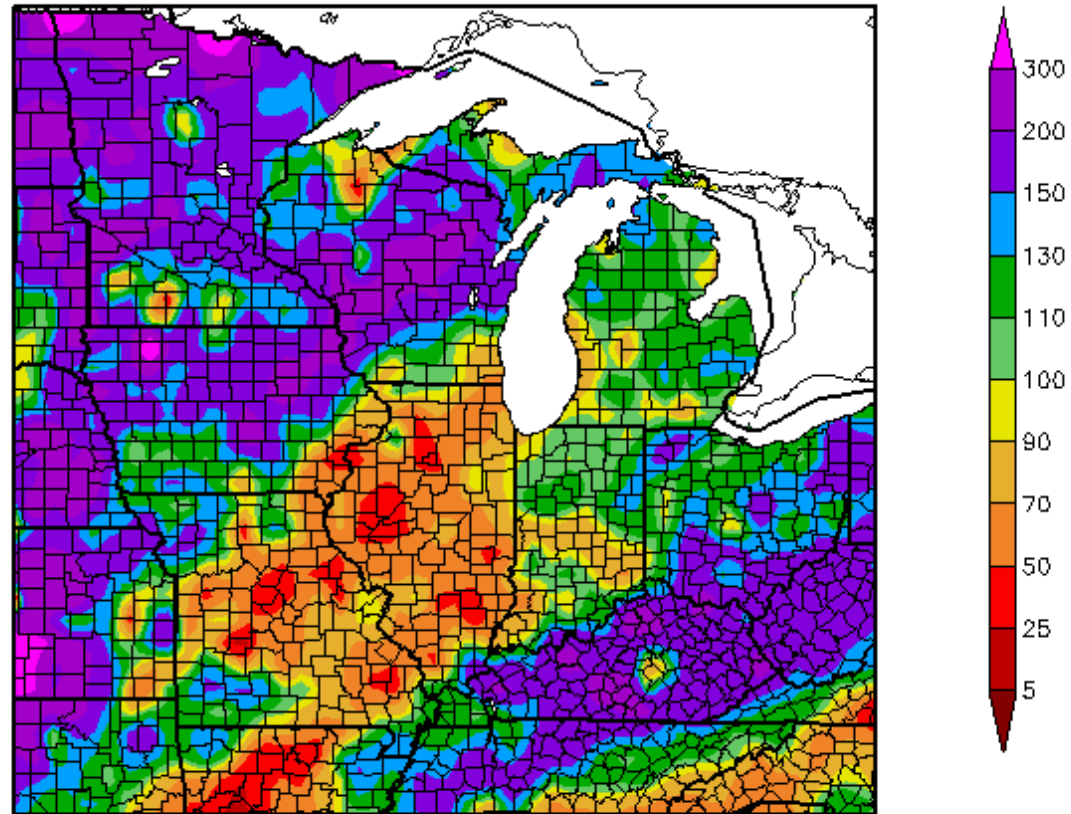


Percent of Normal



Previous 30-Days

Percent of Normal Precipitation (%)
12/18/2016 – 1/16/2017

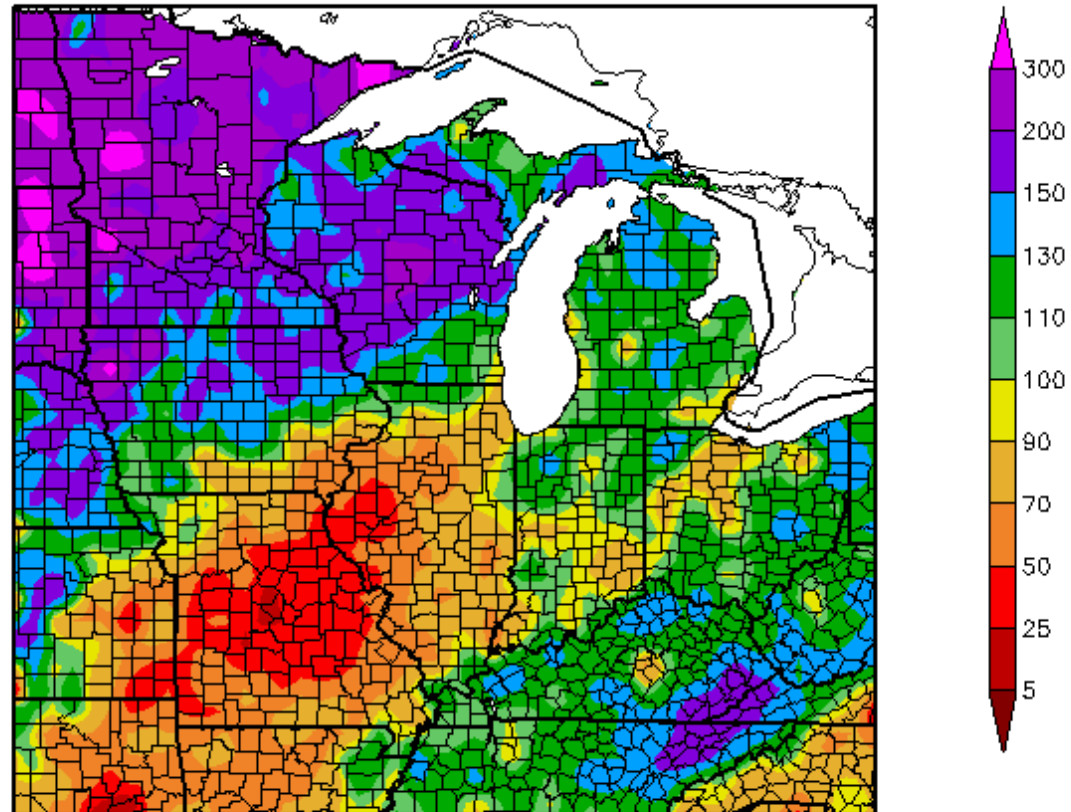


Generated 1/17/2017 at HPRCC using provisional data.

Regional Climate Centers

Previous 60-Days

Percent of Normal Precipitation (%)
11/18/2016 – 1/16/2017



Generated 1/17/2017 at HPRCC using provisional data.

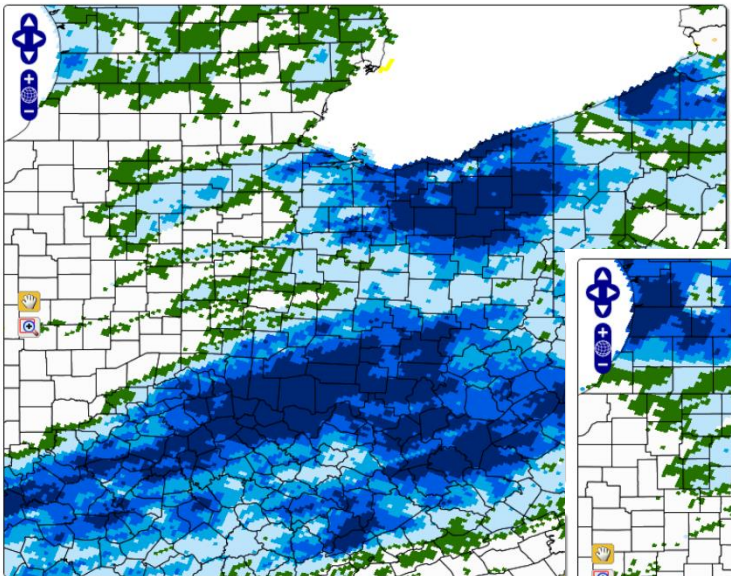
Regional Climate Centers

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 Phone: 919-515-3056

Data and Products Aspects of NC Climate Educational Outreach About Our Office Search

Experimental High Resolution Drought Trigger Tool

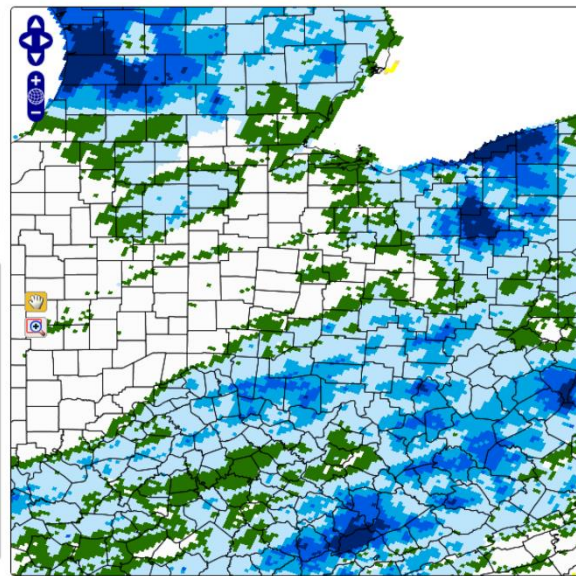


30 day SPI for January 16, 2017

-2	-1.6	-1.3	-0.8	-0.5	0.5	0.8	1.3	1.6	2	
Exceptional Dryness	Extreme Dryness	Severe Dryness	Moderate Dryness	Abnormal Dryness	Normal	Abnormal Wetness	Moderate Wetness	Severe Wetness	Extreme Wetness	Exceptional Wetness

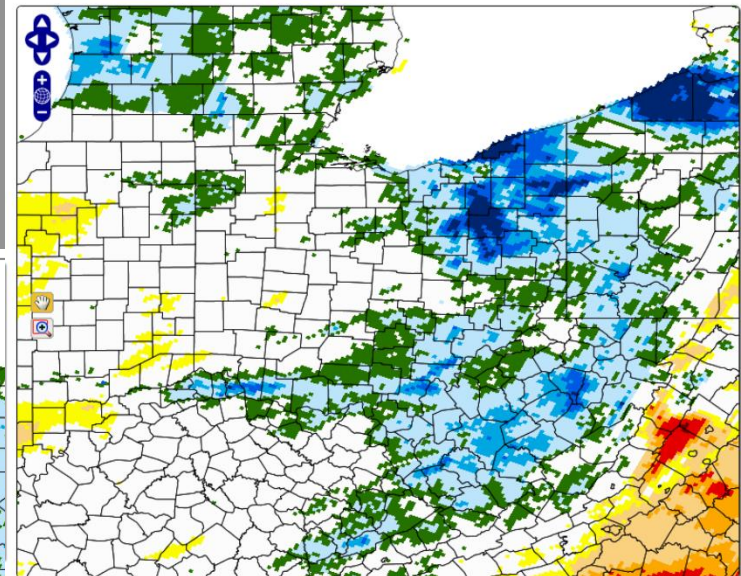
30-Day

60-Day



60 day SPI for January 16, 2017

-2	-1.6	-1.3	-0.8	-0.5	0.5	0.8	1.3	1.6	2	
Exceptional Dryness	Extreme Dryness	Severe Dryness	Moderate Dryness	Abnormal Dryness	Normal	Abnormal Wetness	Moderate Wetness	Severe Wetness	Extreme Wetness	Exceptional Wetness



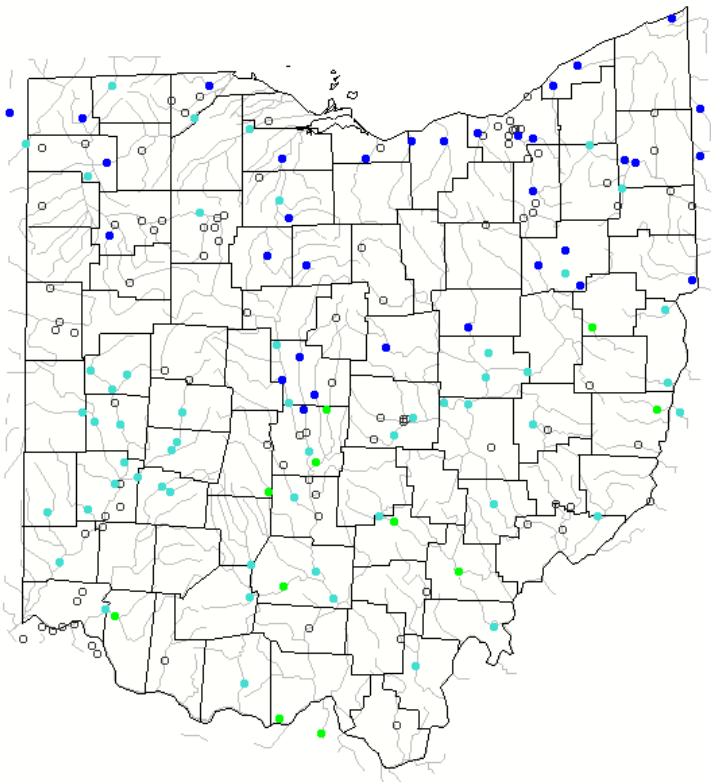
90 day SPI for January 16, 2017

-2	-1.6	-1.3	-0.8	-0.5	0.5	0.8	1.3	1.6	2	
Exceptional Dryness	Extreme Dryness	Severe Dryness	Moderate Dryness	Abnormal Dryness	Normal	Abnormal Wetness	Moderate Wetness	Severe Wetness	Extreme Wetness	Exceptional Wetness

Transparency: [About these maps](#)

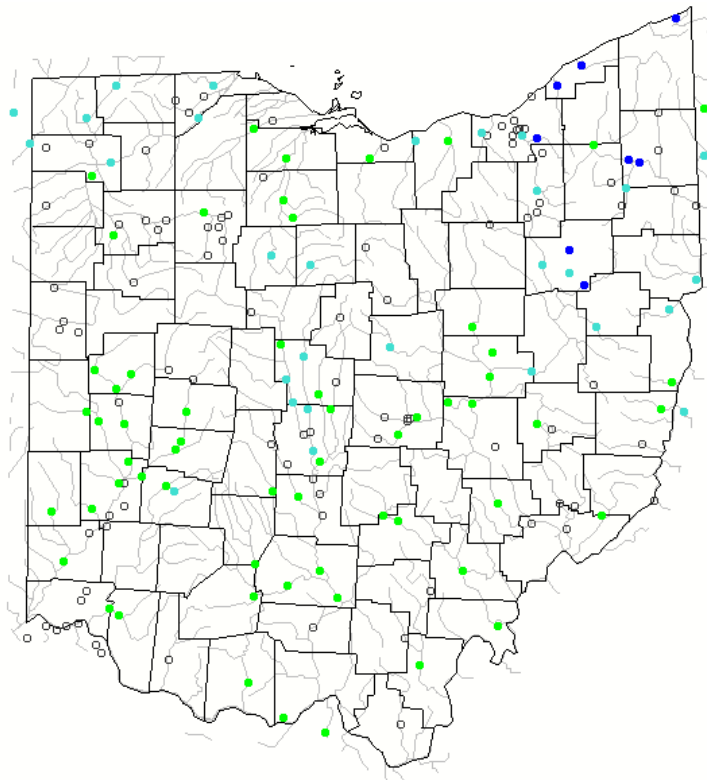
90-Day

7-DAY



USGS Streamflow

28-DAY

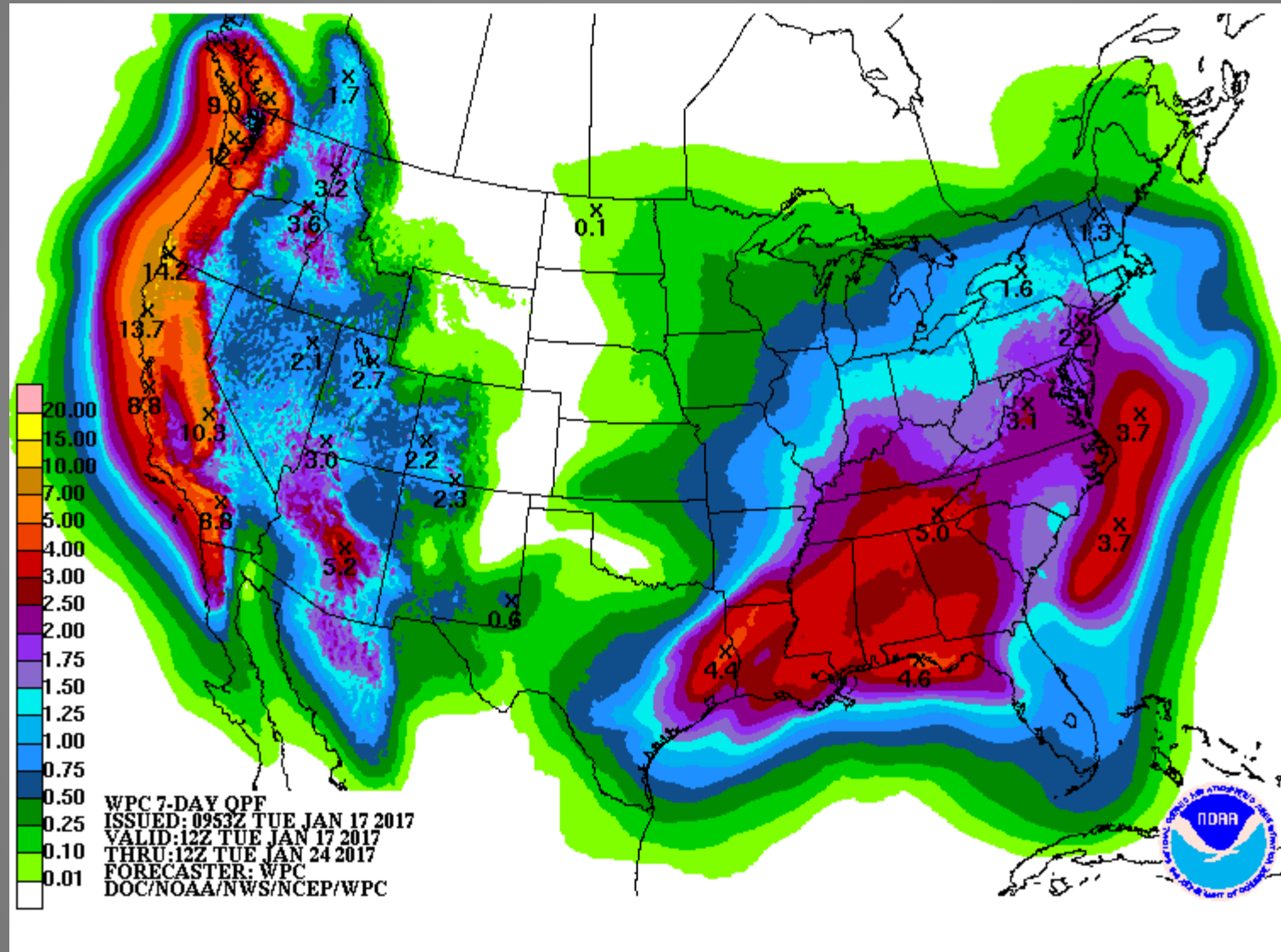


Explanation - Percentile classes

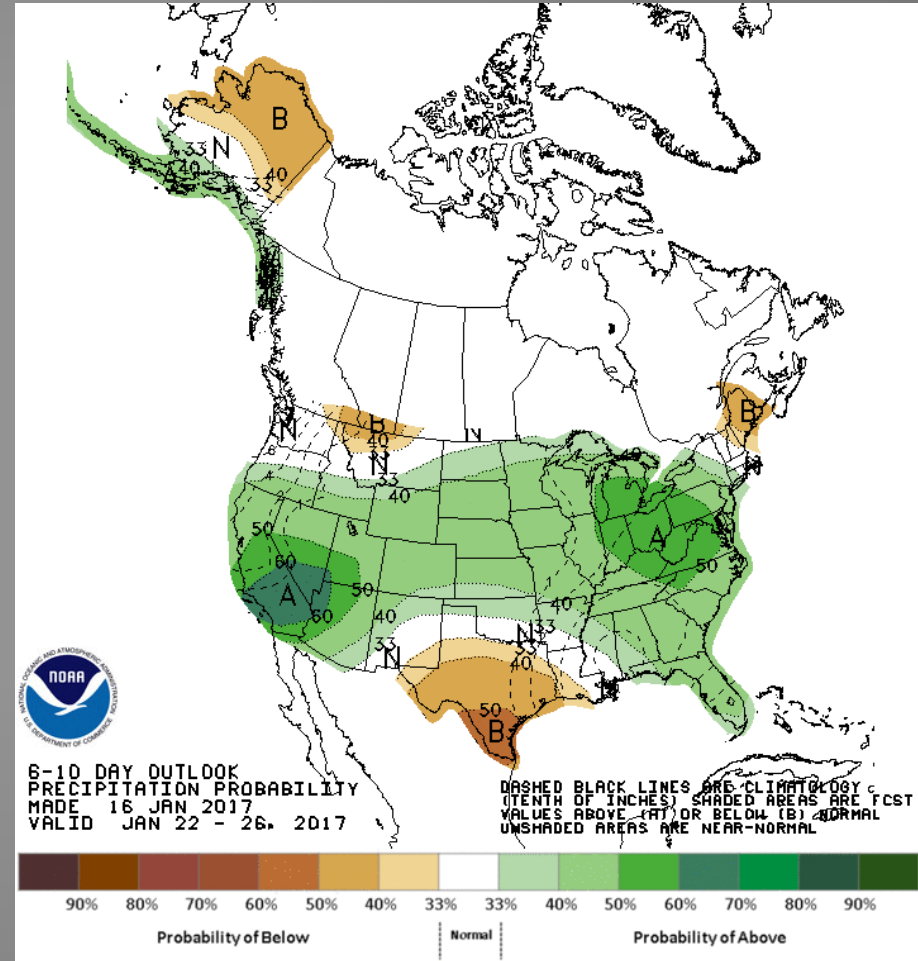
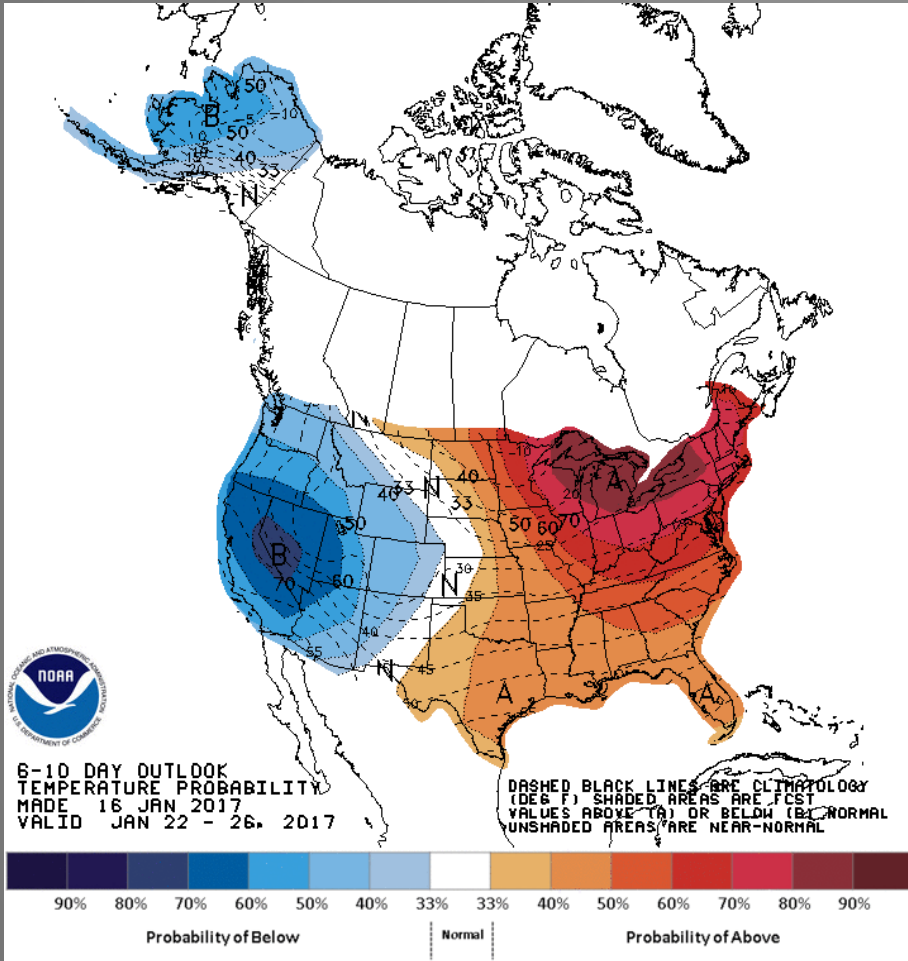
Low	<10	10-24	25-75	76-90	>90	High	Not-ranked
	Much below normal	Below normal	Normal	Above normal	Much above normal		

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: Dry conditions rapidly retreating from Ohio
- 30-Day and 60-Day drought indicators are much improved

• Remaining D0 in Ohio likely removed this week

• Flooding now becoming an issue; likely to continue our very wet/warm pattern through the next week or two