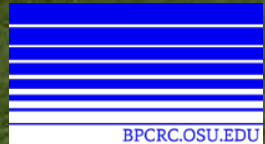


Hydrologic and Climate Assessment

Monthly Midwest and Great Plains Climate and Drought Outlook:
<http://mrcc.isws.illinois.edu/multimedia/webinars.jsp>

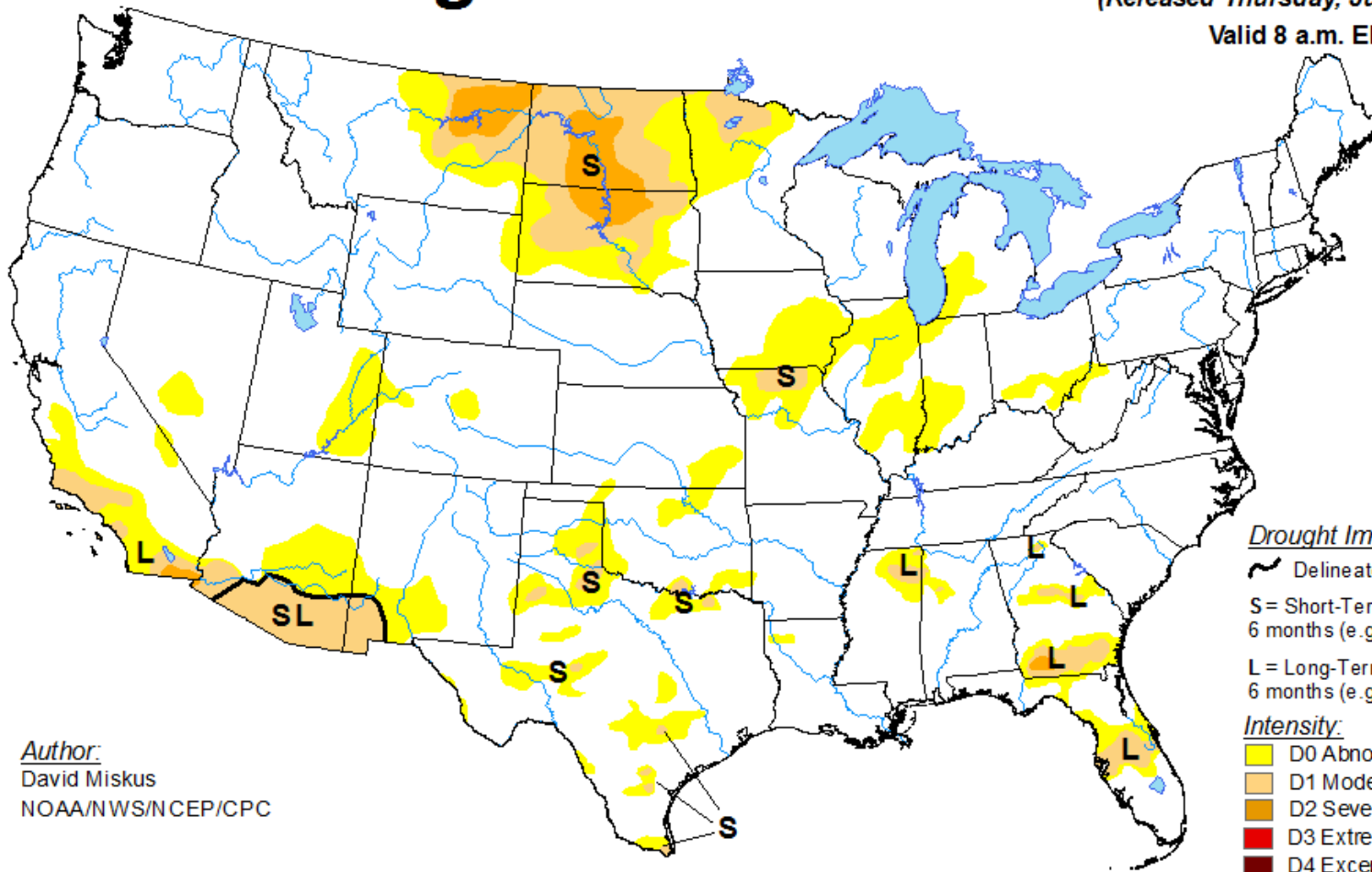


20 June 2017



U.S. Drought Monitor

June 13, 2017
(Released Thursday, Jun. 15, 2017)
Valid 8 a.m. EDT



Drought Impact Types:

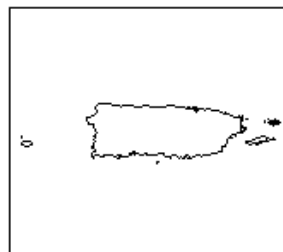
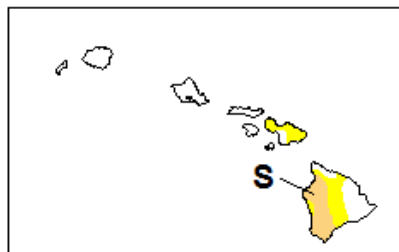
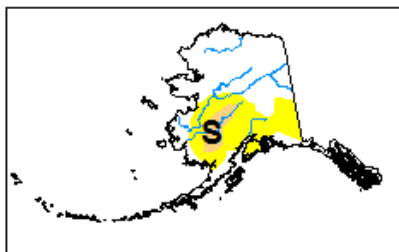
- ~ Delineates dominant impacts
- S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

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

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.

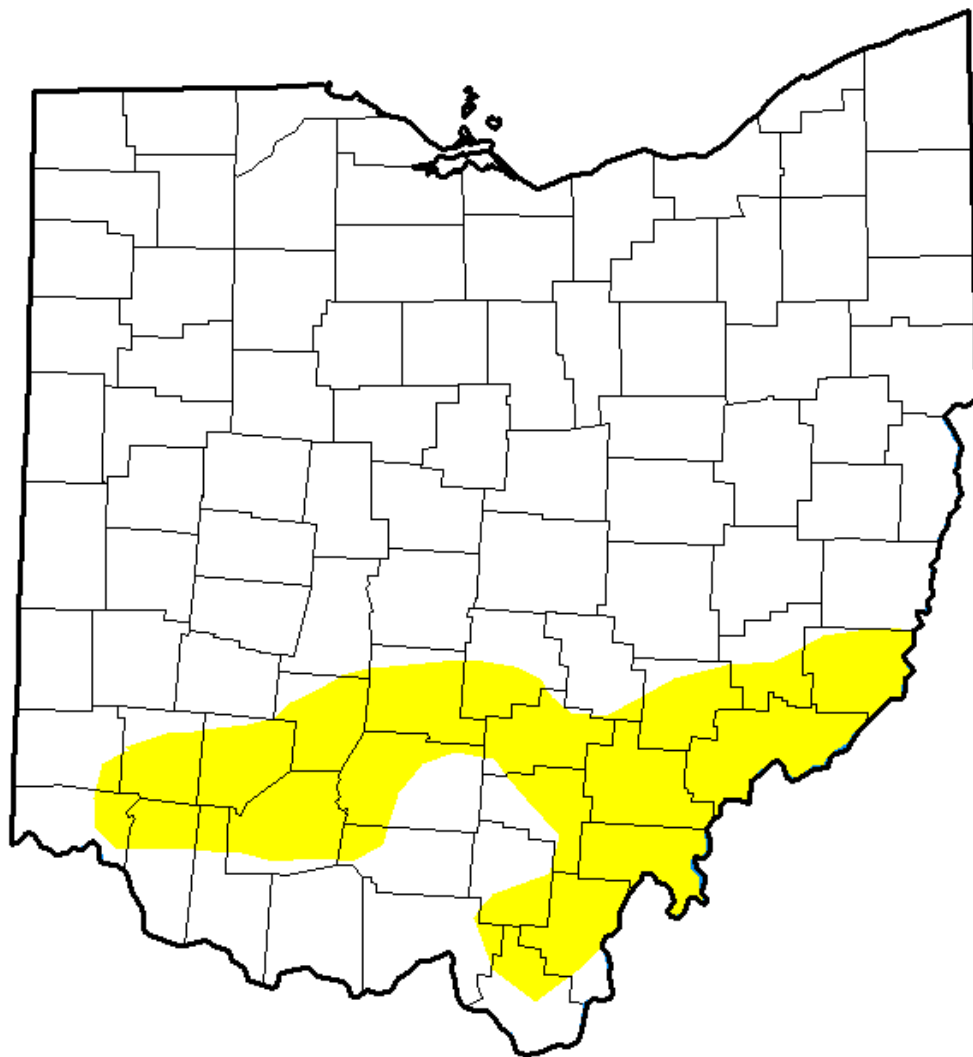


<http://droughtmonitor.unl.edu/>

U.S. Drought Monitor

Ohio

June 13, 2017
 (Released Thursday, Jun. 15, 2017)
 Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	83.29	16.71	0.00	0.00	0.00	0.00
Last Week <i>06-06-2017</i>	100.00	0.00	0.00	0.00	0.00	0.00
3 Months Ago <i>03-14-2017</i>	100.00	0.00	0.00	0.00	0.00	0.00
Start of Calendar Year <i>01-03-2017</i>	88.16	11.84	0.00	0.00	0.00	0.00
Start of Water Year <i>09-27-2016</i>	36.51	63.49	7.94	0.00	0.00	0.00
One Year Ago <i>06-14-2016</i>	72.51	27.49	0.00	0.00	0.00	0.00

Intensity:

- D0 Abnormally Dry
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The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:

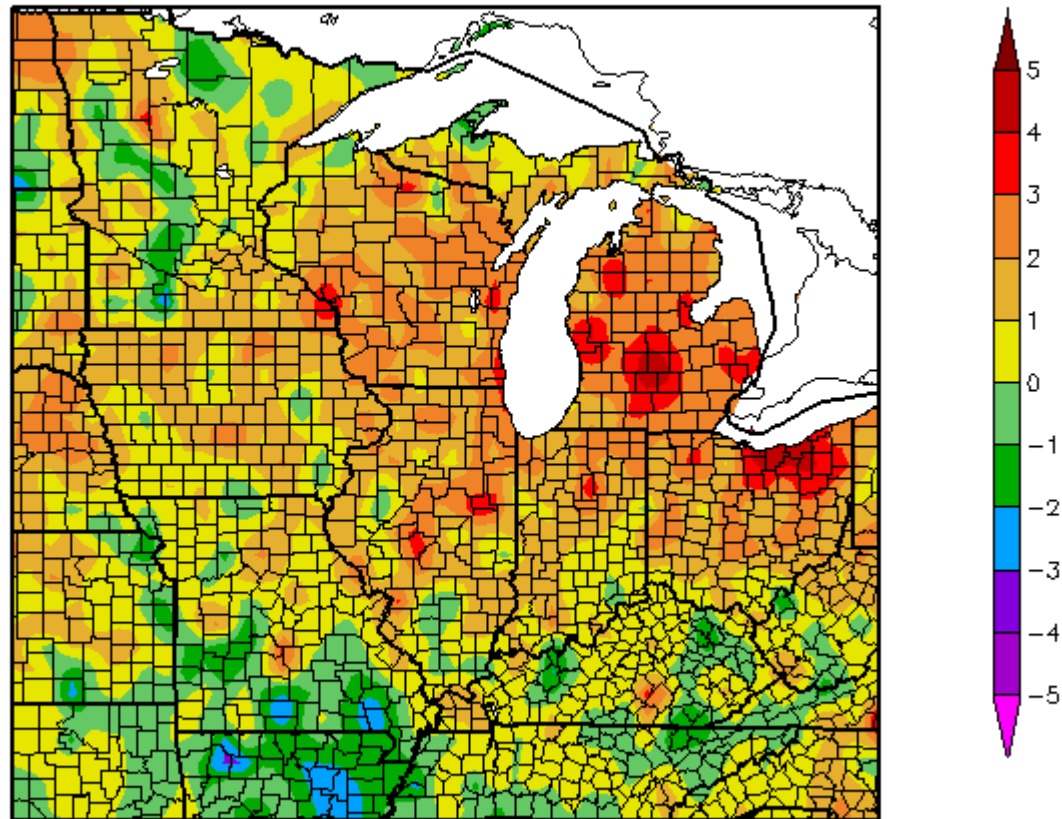
David Miskus
 NOAA/NWS/NCEP/CPC



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

Previous 30-Day Temperature Departure

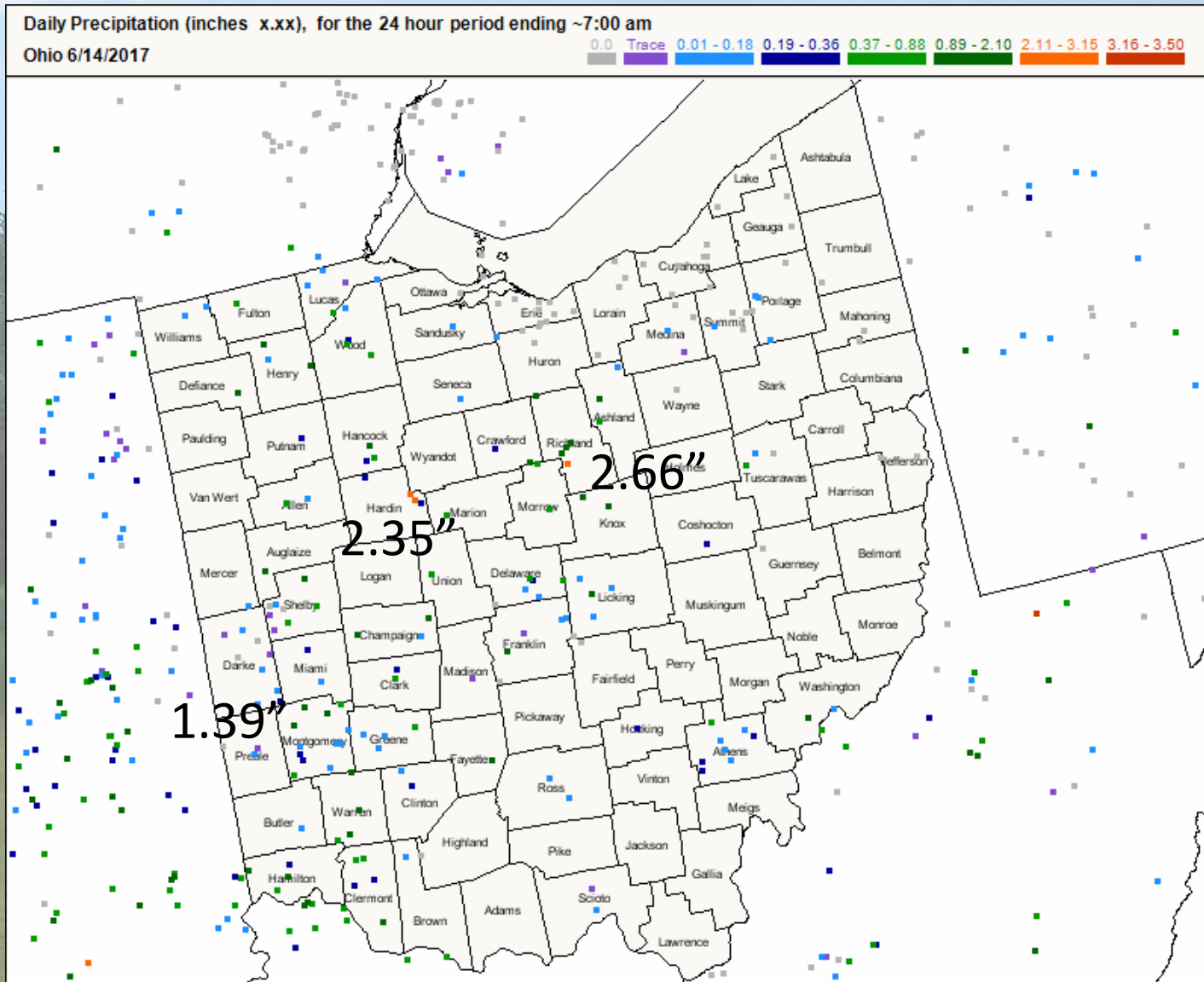
Departure from Normal Temperature (F)
5/21/2017 – 6/19/2017



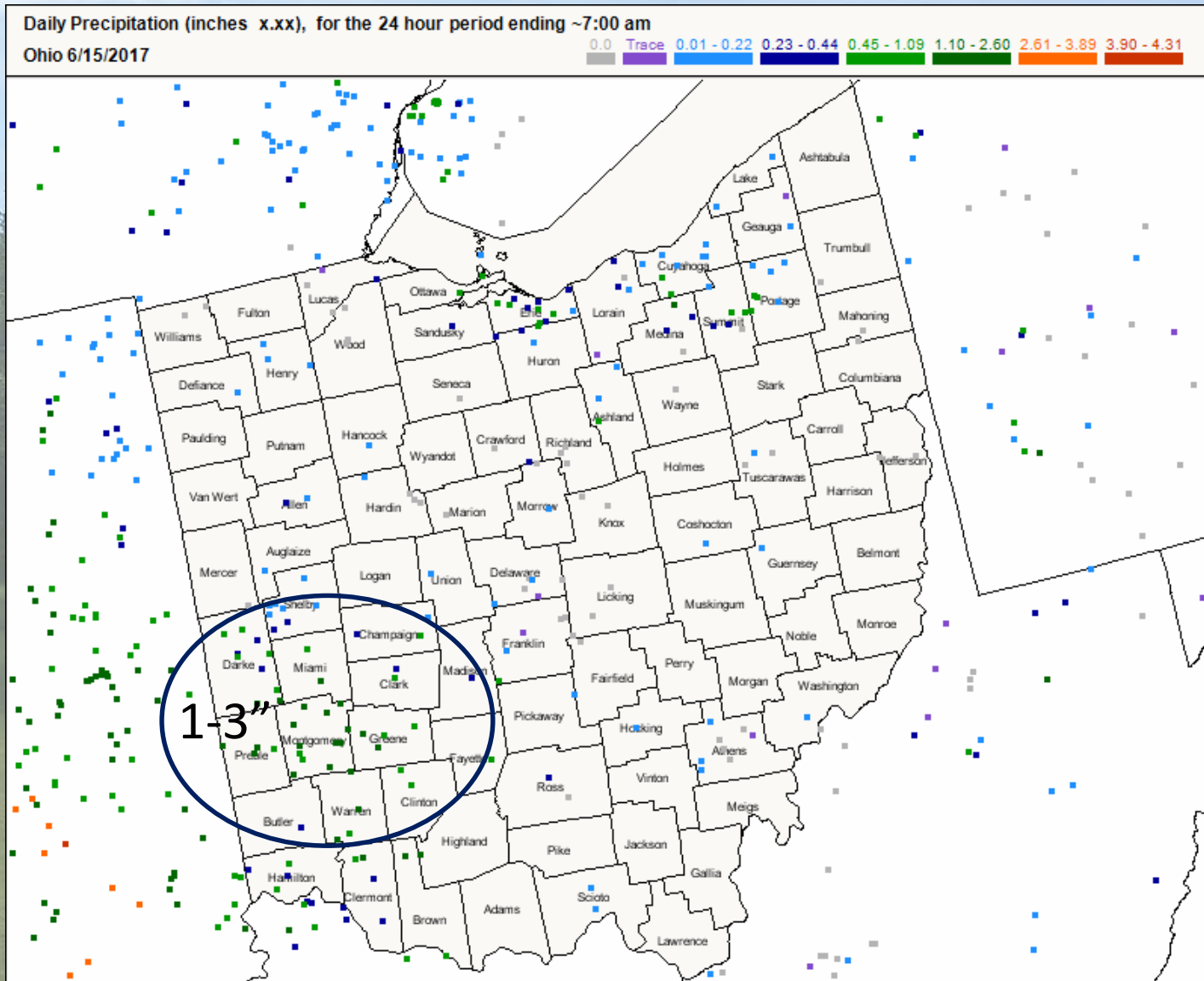
Generated 6/20/2017 at HPRCC using provisional data.

Regional Climate Centers

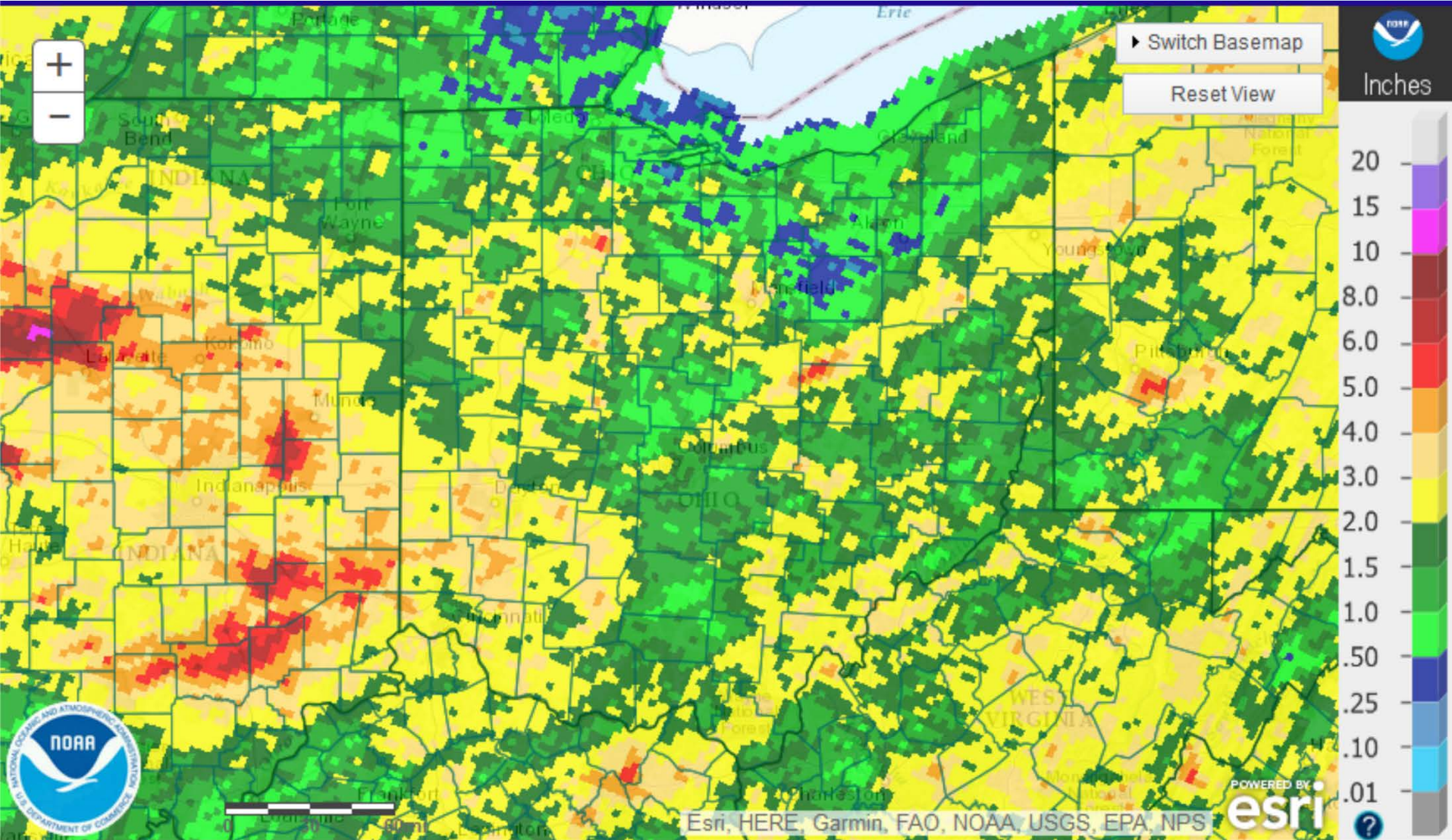
CoCoRaHS: 14 June



CoCoRaHS: 15 June



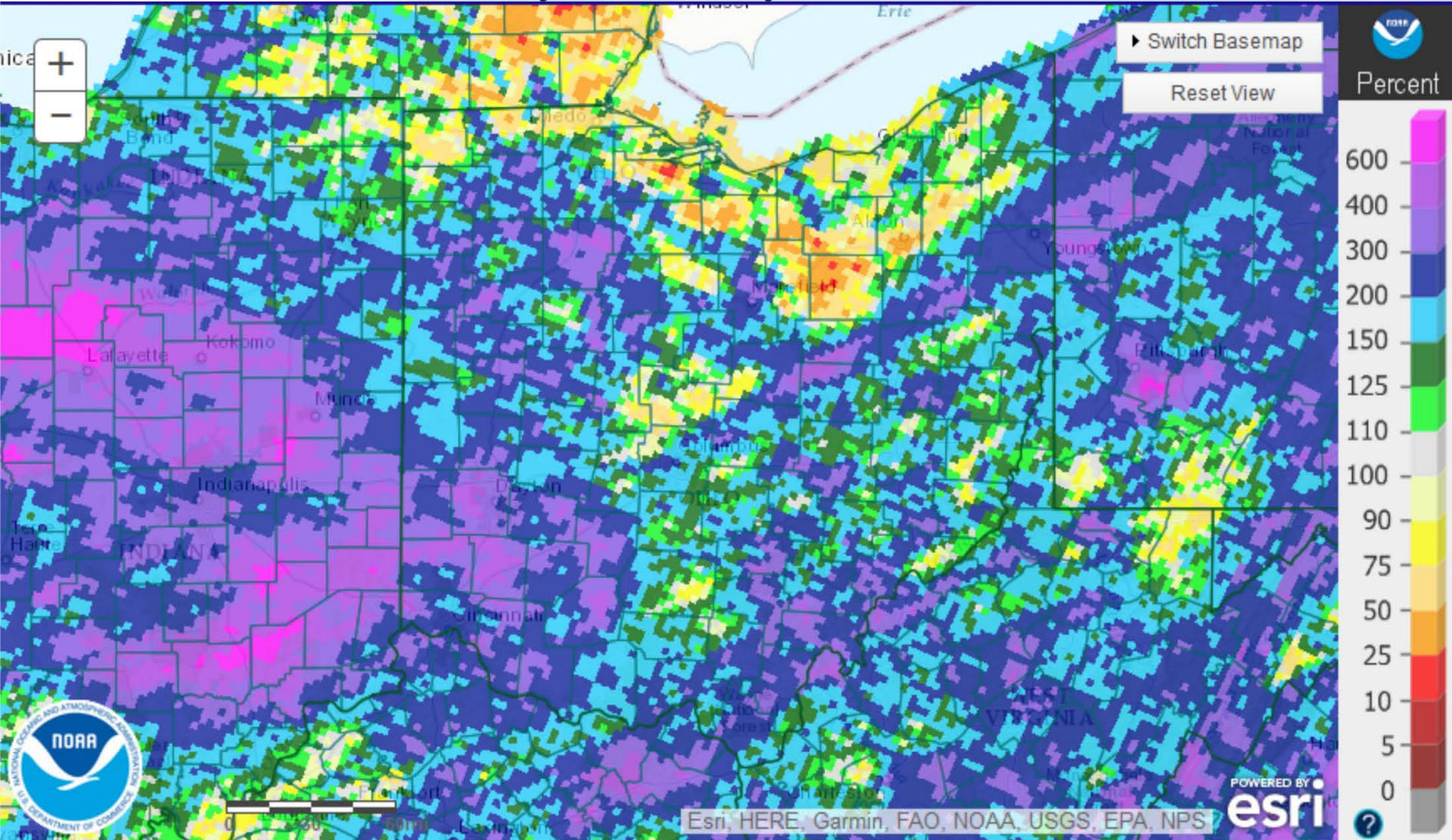
Previous 7-Day Precipitation Estimates



Total Observed



Previous 7-Day Precipitation Estimates

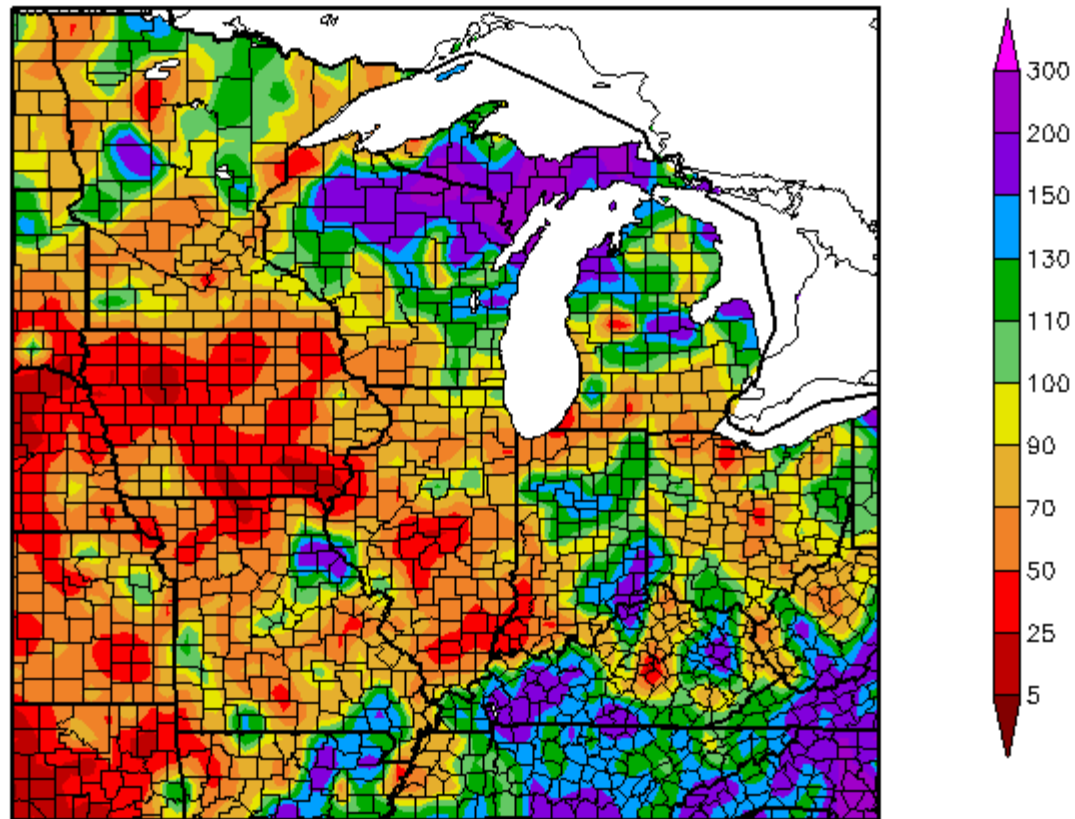


Percent of Normal



Previous 30-Day Precipitation Departure

Percent of Normal Precipitation (%)
5/21/2017 – 6/19/2017



Generated 6/20/2017 at HPRCC using provisional data.

Regional Climate Centers

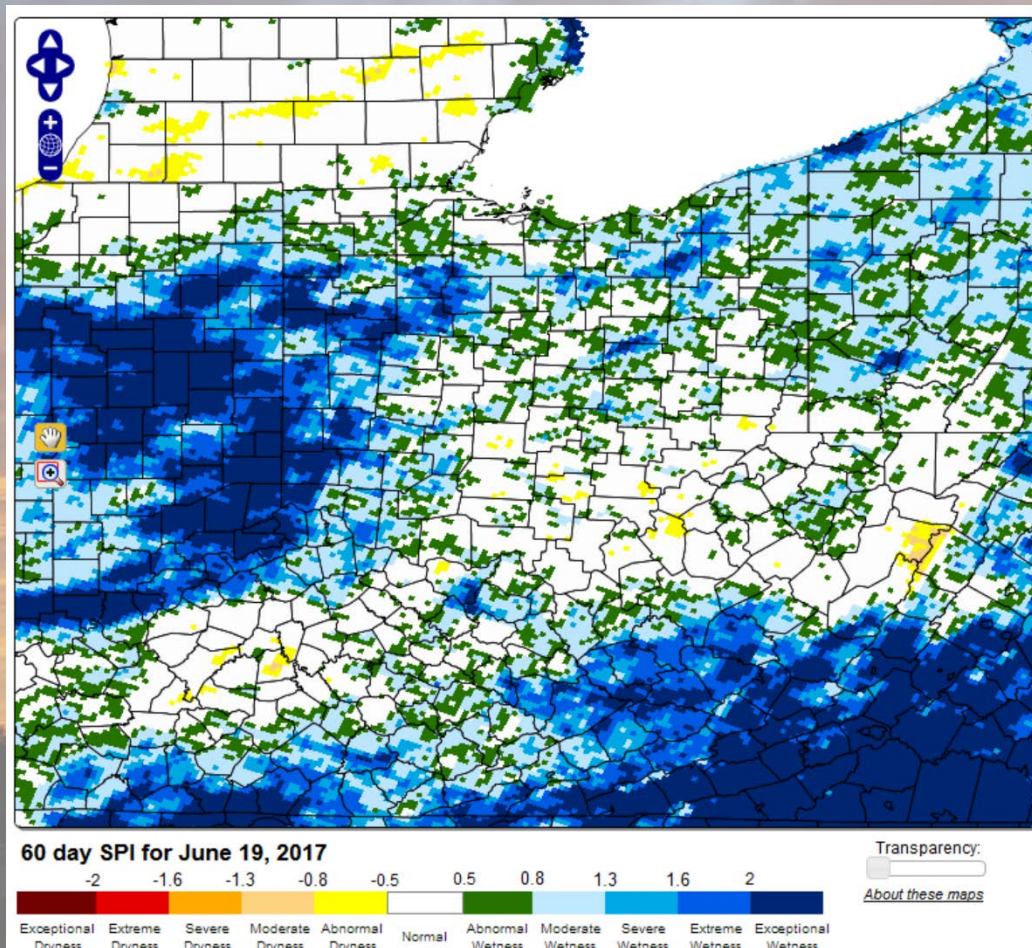
SPI: The Standardized Precipitation Index (SPI) indicates how unusual the amount of accumulated precipitation is, compared to the historical record over a given time scale.

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

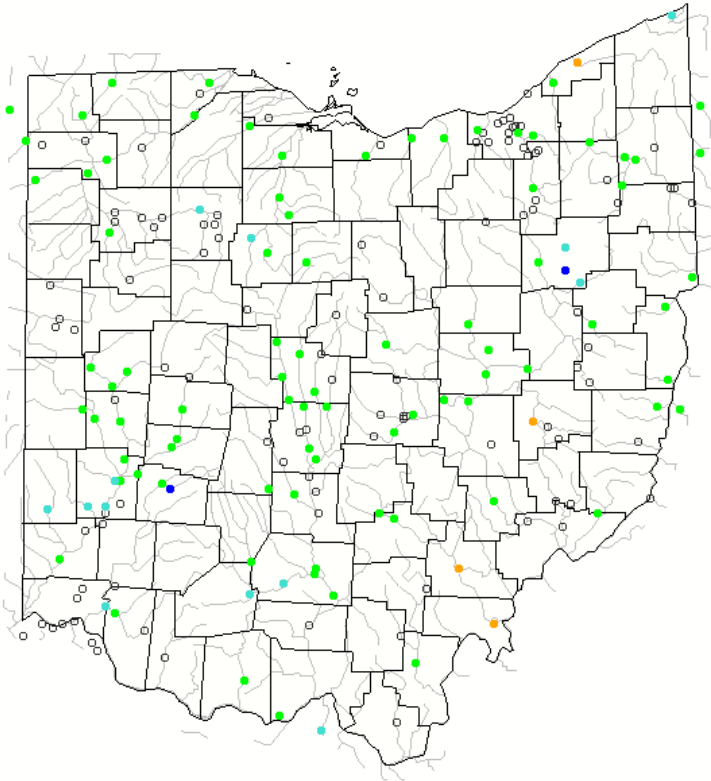
[Data and Products](#) [Aspects of NC Climate](#) [Educational Outreach](#) [About Our Office](#)

Experimental High Resolution Drought Trigger Tool

60-Day



7-DAY



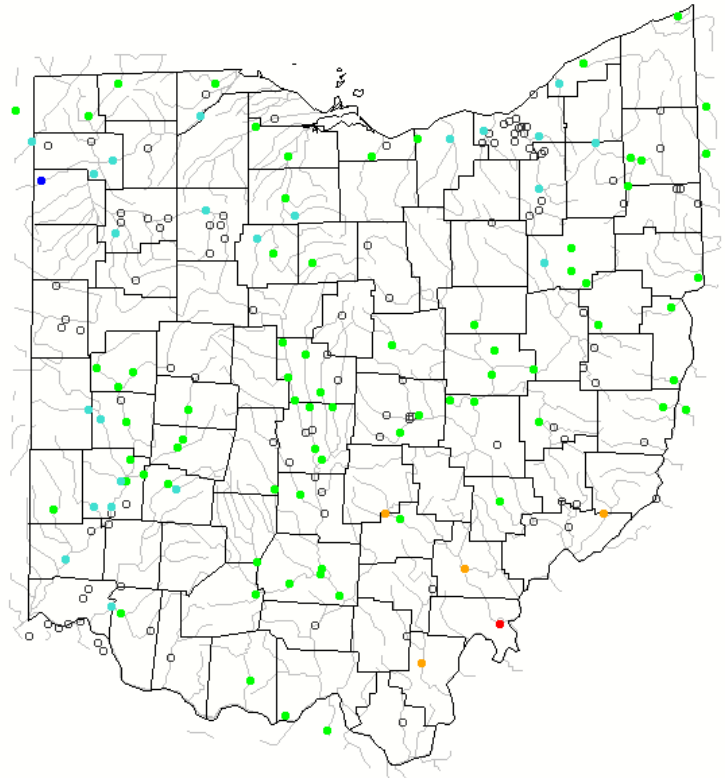
Explanation - Percentile classes

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

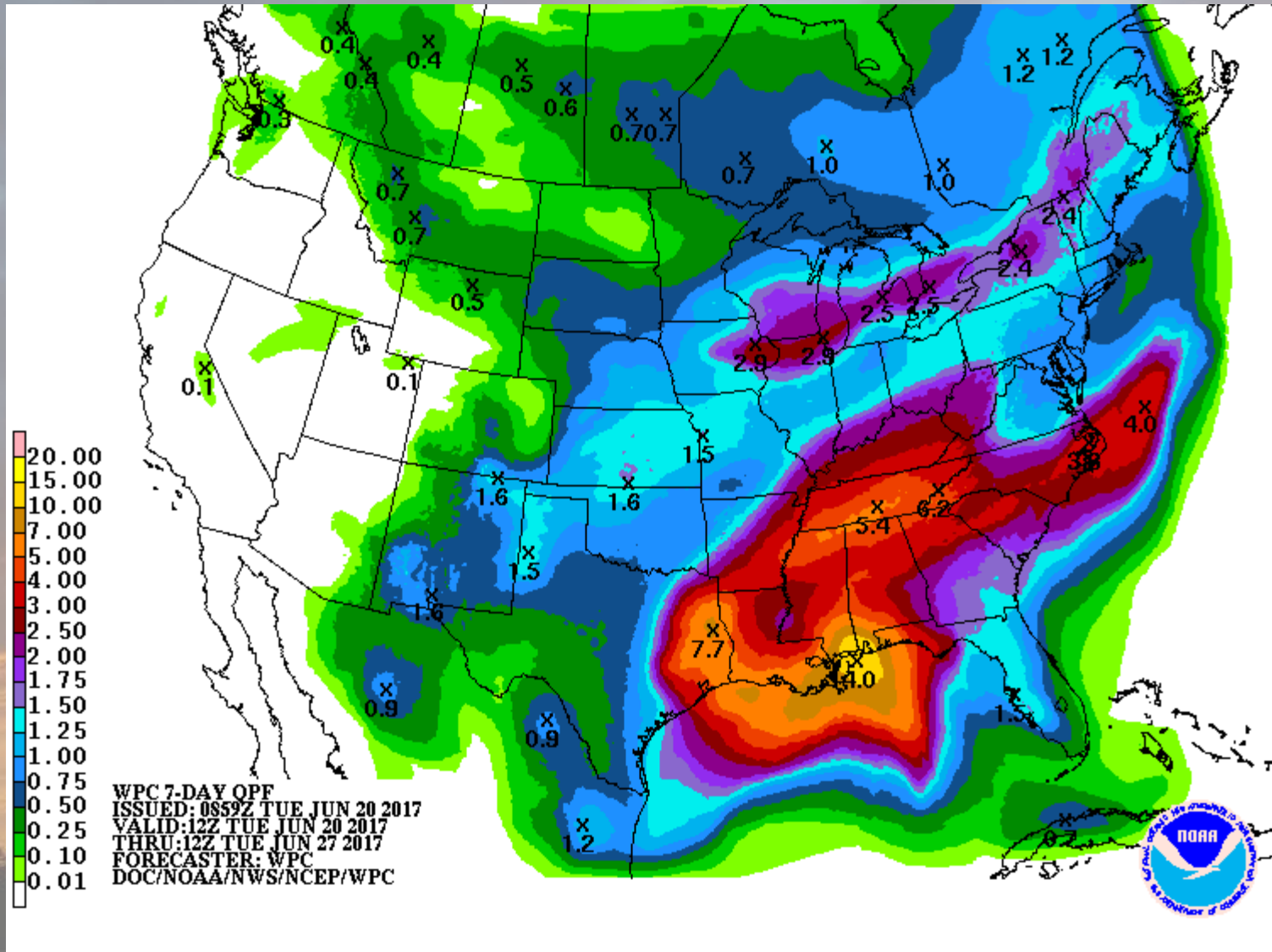
Average streamflow compared to historical streamflow for the day of the year

USGS Streamflow

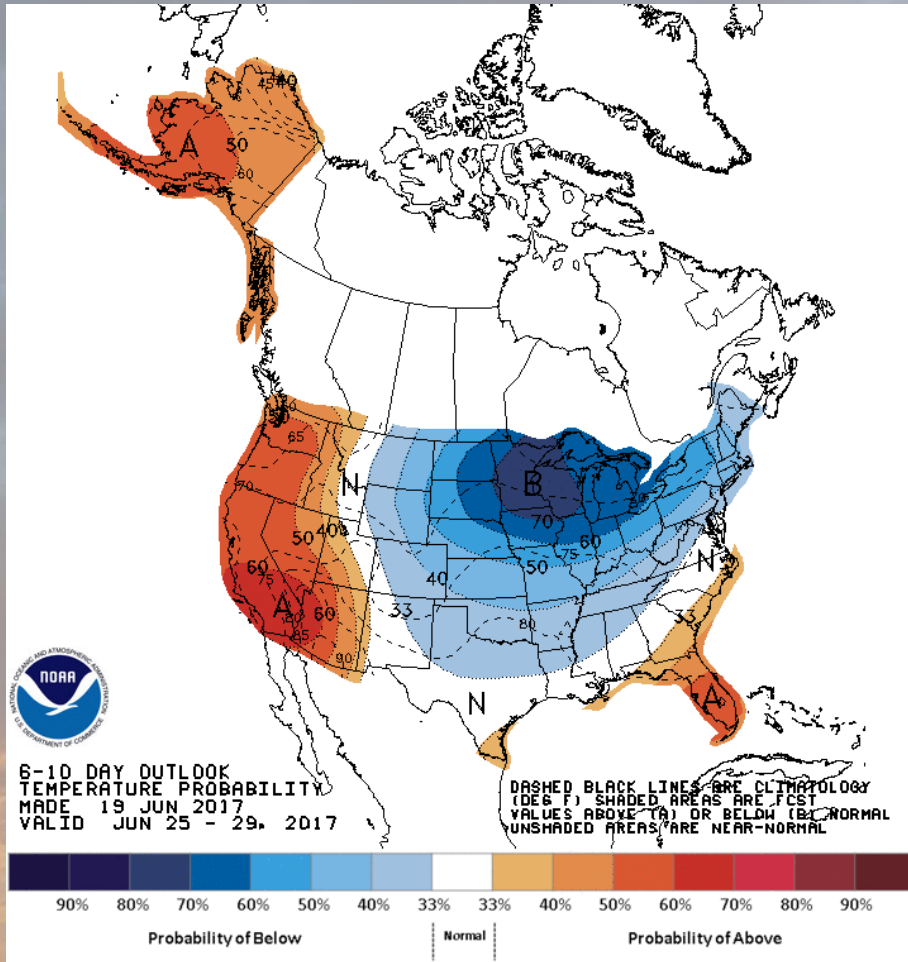
28-DAY



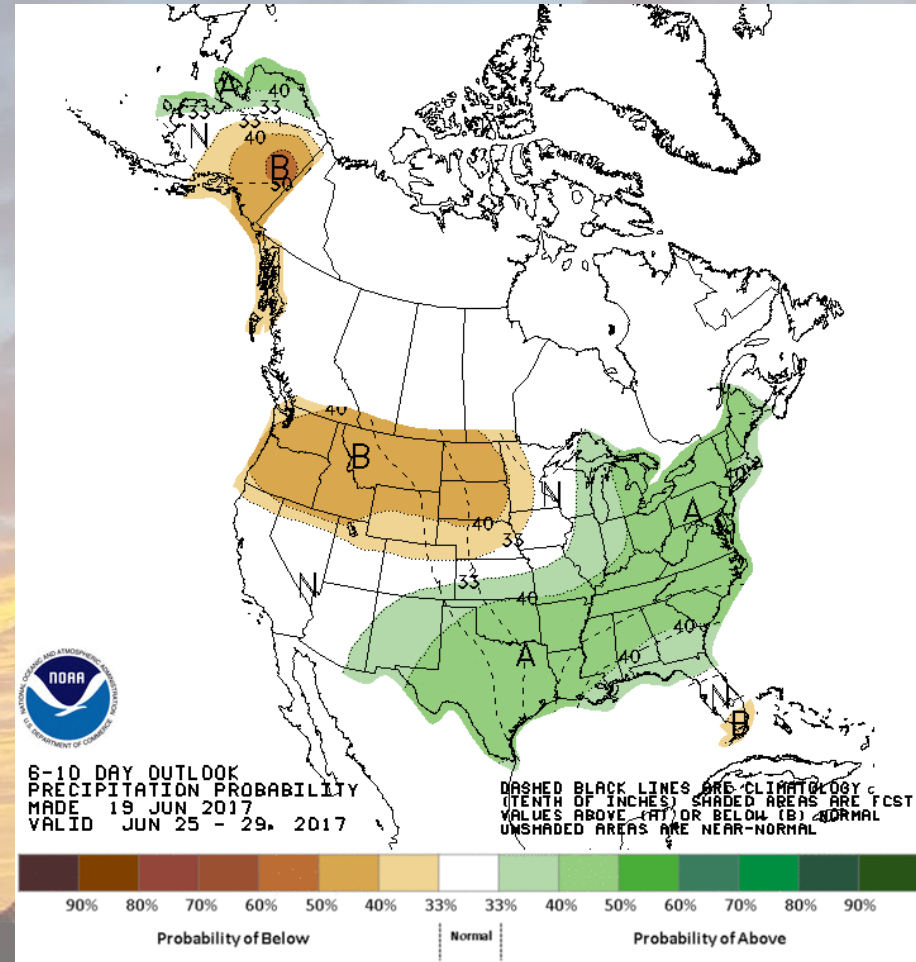
Weather for the Week Ahead



6-10 Day Outlook



Highs: Low 80s



Lows: Low 60s

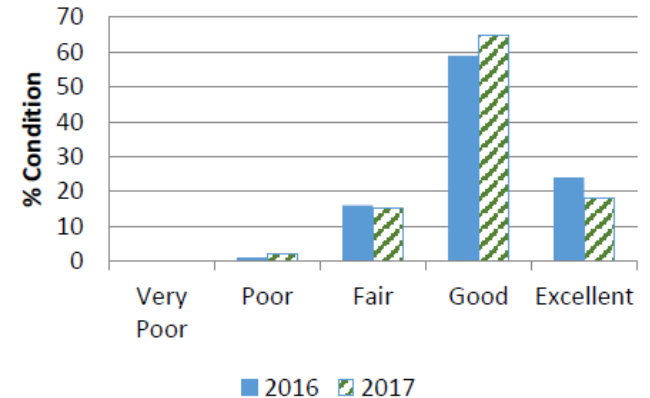
Ag Highlights

- Despite heavy rain in places, 5 days for field work
- Good corn growth, pastures improved, wheat harvest beginning
- Side dressed corn, finishing soybeans

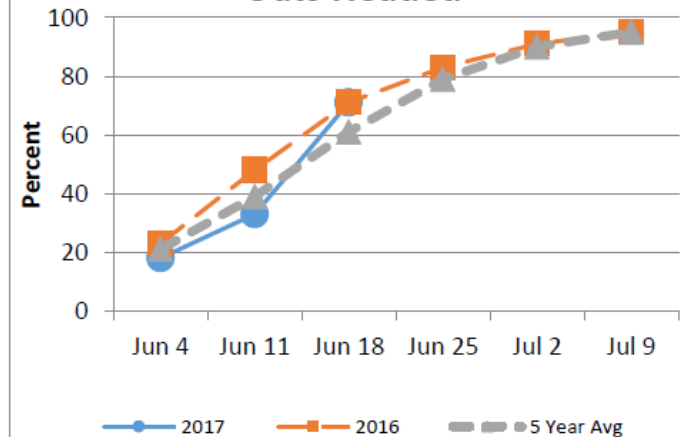
Crop Progress : Week Ending 06/18/17

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year Average
Days Suitable for Fieldwork ..	5.0	6.1	NA	NA
Corn Emerged.....	96	88	95	98
Soybeans Planted.....	96	90	97	96
Soybeans Emerged.....	85	71	88	90
Winter Wheat Mature	45	18	17	NA
Winter Wheat Harvested.....	3	0	0	1
Alfalfa Hay 1st Cutting.....	92	83	NA	NA
Alfalfa Hay 2nd Cutting	6	0	NA	NA
Other Hay 1st Cutting	82	68	NA	NA
Other Hay 2nd Cutting.....	1	0	NA	NA
Oats Headed.....	71	33	71	61

Winter Wheat Condition



Oats Headed



NASS: Cheryl Turner –

https://www.nass.usda.gov/Statistics_by_State/Ohio/Publications/Crop_Progress_&_Condition/2017/cw2517oh.pdf

Summary of Conditions



- **Drought Monitor:** Some abnormally dry conditions across the south
- **30-Day and 60-Day:** Recent rains across much of the state after a dry spell
- **30-Day temperatures:** Above normal across most of the state
- **Precipitation:** Tropical entity may bring heavy rain to the southern tier of Ohio