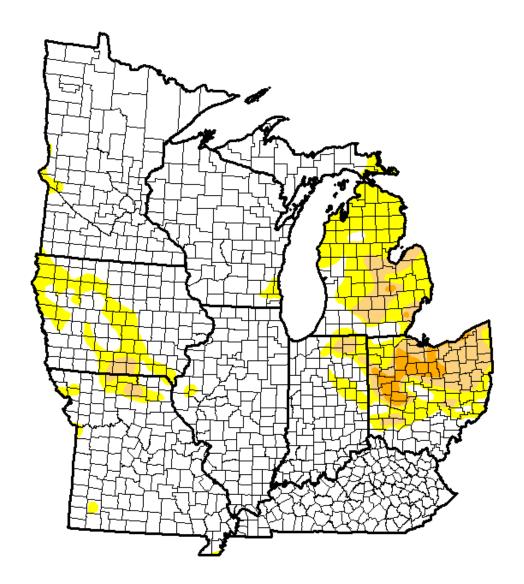


# U.S. Drought Monitor Midwest



### **August 9, 2016**

(Released Thursday, Aug. 11, 2016) Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	80.70	19.30	6.08	1.26	0.00	0.00
Last Week 82/2016	80.64	19.36	5.86	0.00	0.00	0.00
3 Month's Ago 5/10/2016	89.24	10.76	1.15	0.00	0.00	0.00
Start of Calendar Year 12/29/2015	88.07	11.93	2.35	0.00	0.00	0.00
Start of Water Year 929/2015	79.46	20.54	1.04	0.00	0.00	0.00
One Year Ago 8/11/2015	93.15	6.85	0.73	0.00	0.00	0.00

#### Intensity:

D0 Abnormally Dry
D3 Extreme Drought
D1 Moderate Drought
D4 Exceptional Drought

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

#### Author:

Richard Tinker CPC/NOAA/NWS/NCEP

D2 Severe Drought



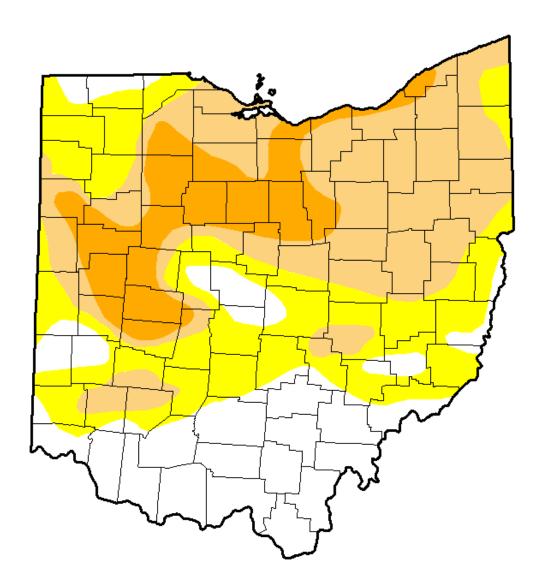






http://droughtmonitor.unl.edu/

# U.S. Drought Monitor Ohio



### **August 9, 2016**

(Released Thursday, Aug. 11, 2016) Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	25.56	74.44	46.01	14.60	0.00	0.00
Last Week 82/2016	29.99	70.01	42.89	0.00	0.00	0.00
3 Month's Ago 5/10/2016	100.00	0.00	0.00	0.00	0.00	0.00
Start of Calendar Year 12/29/2015	49.91	50.09	3.83	0.00	0.00	0.00
Start of Water Year 9/29/2015	77.24	22.76	0.00	0.00	0.00	0.00
One Year Ago 8/11/2015	100.00	0.00	0.00	0.00	0.00	0.00

#### Intensity:

D0 Abnormally Dry
D3 Extreme Drought
D1 Moderate Drought
D2 Severe Drought

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

#### Author:

Richard Tinker CPC/NOAA/NWS/NCEP



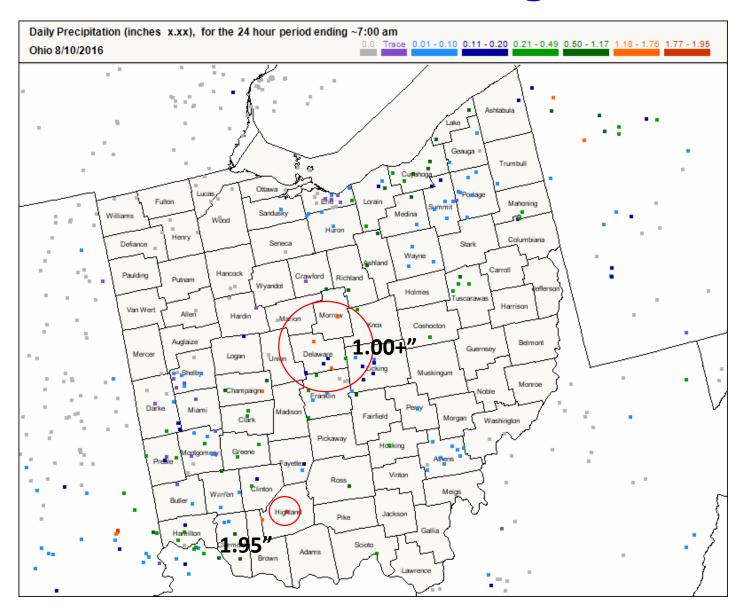




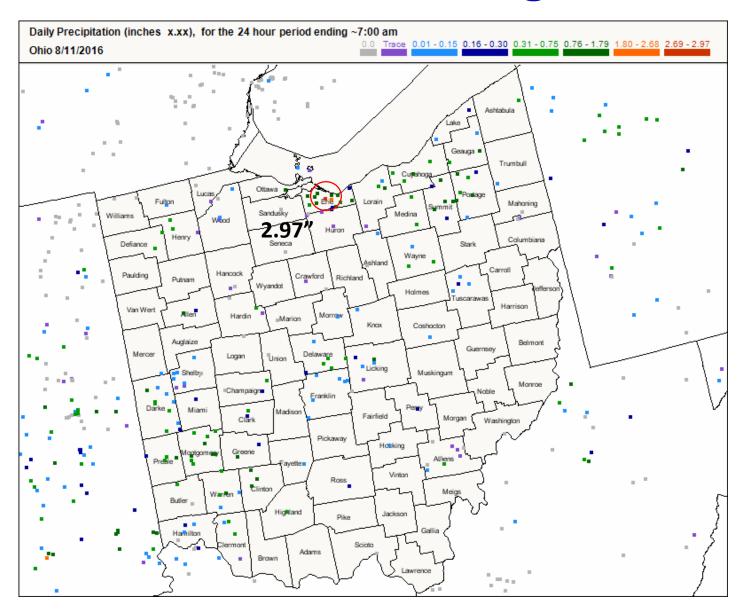


http://droughtmonitor.unl.edu/

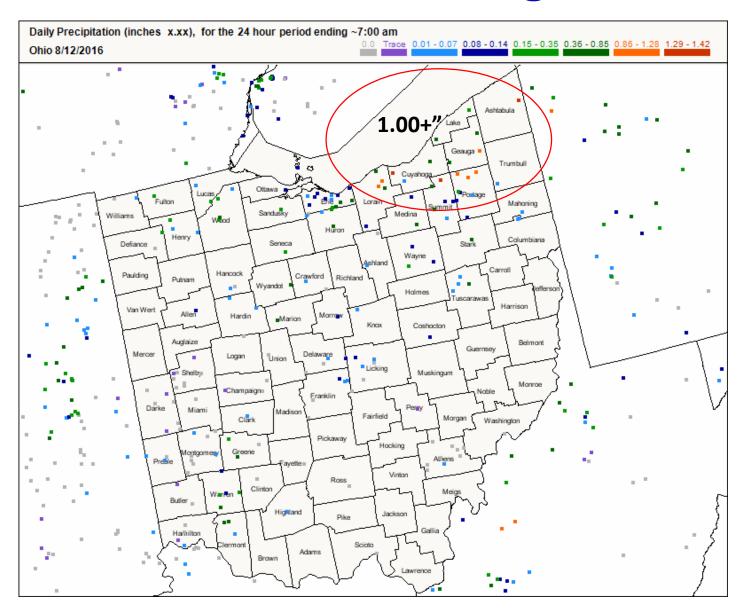
## CoCoRaHS: 10 August



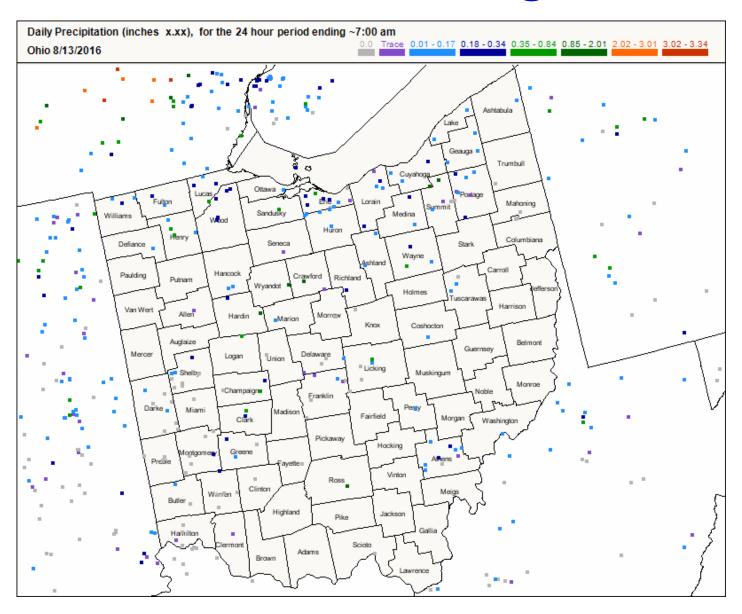
## CoCoRaHS: 11 August



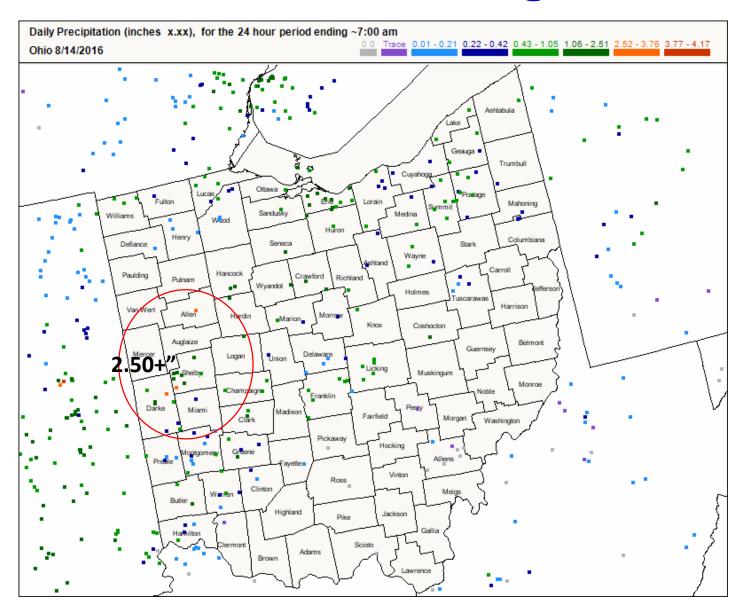
## CoCoRaHS: 12 August



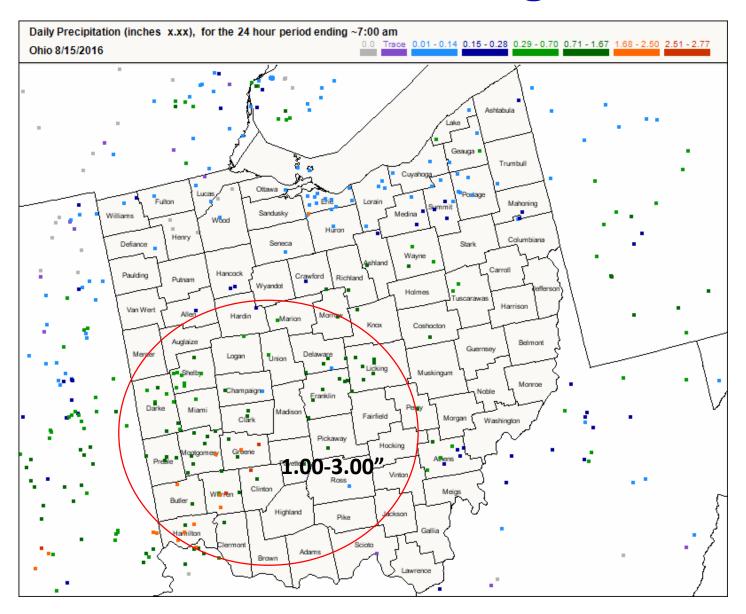
## CoCoRaHS: 13 August



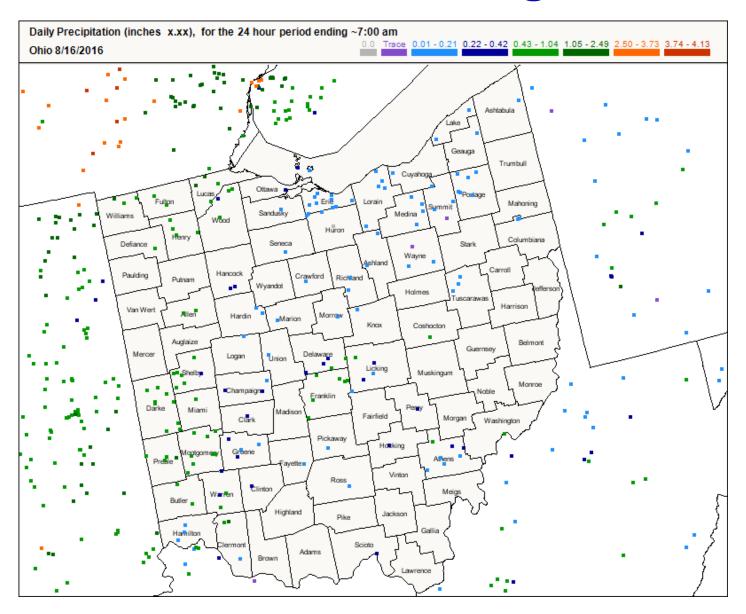
## CoCoRaHS: 14 August



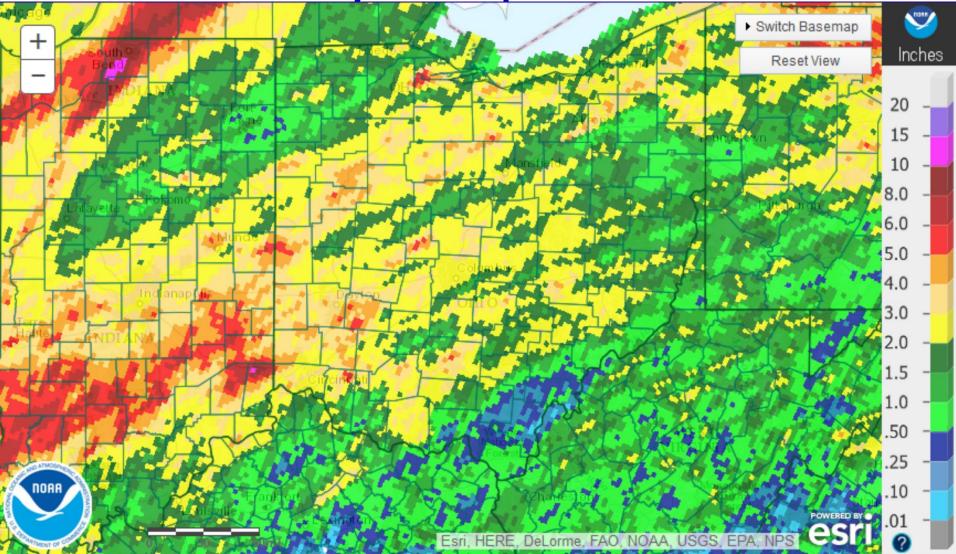
## CoCoRaHS: 15 August



# CoCoRaHS: 16 August

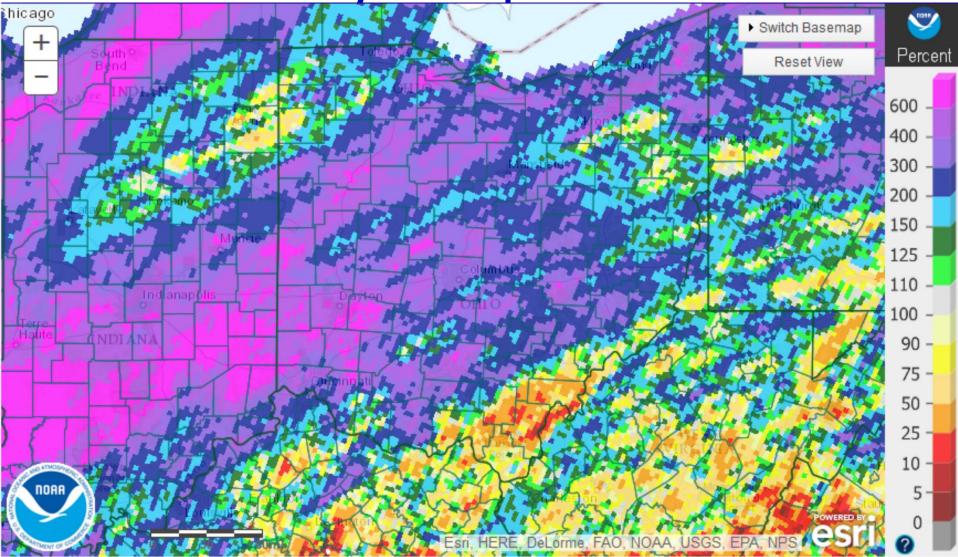


**Previous 7-Day Precipitation Estimates** 





Previous 7-Day Precipitation Estimates



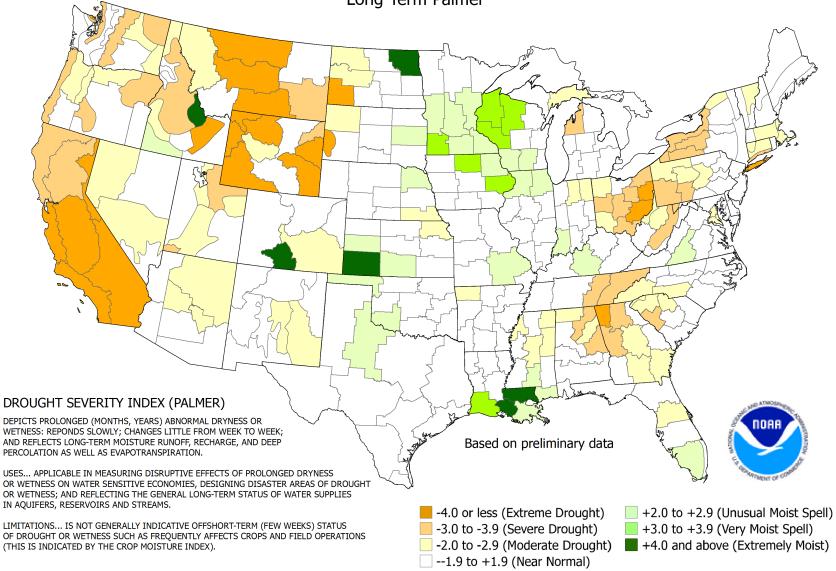
### **Percent of Normal**





# Drought Severity Index by Division Weekly Value for Period Ending Aug 13, 2016 Long Term Palmer

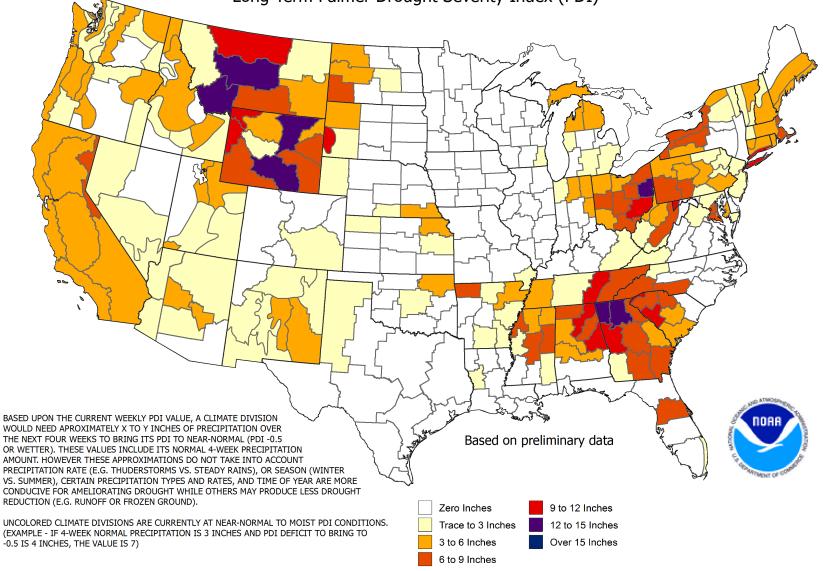






Additional Precip. Needed (In.) to bring PDI to -0.5 Weekly Value for Period Ending Aug 13, 2016 Long Term Palmer Drought Severity Index (PDI)

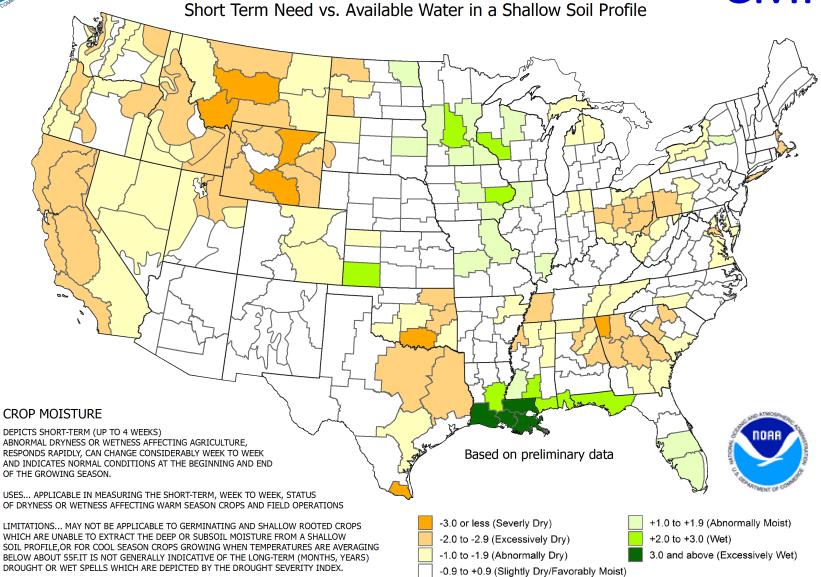
### **PDSI**



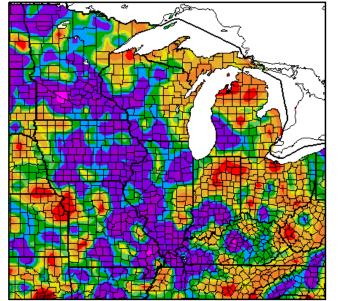


### Crop Moisture Index by Division Weekly Value for Period Ending Aug 13, 2016





### Percent of Normal Precipitation (%) 7/16/2016 - 8/14/2016



### **Previous 30-Days**

30 Day SPI 7/16/2016 - 8/14/2016

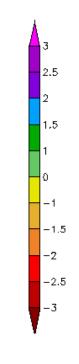
Regional Climate Centers

e

90

70

25



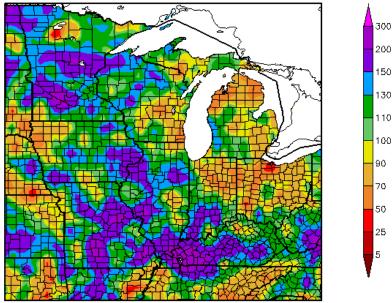
Generated 8/15/2016 at HPRCC using provisional data.

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



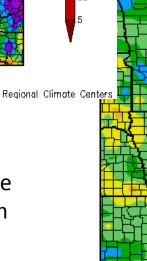


#### Percent of Normal Precipitation (%) 6/16/2016 - 8/14/2016



### Previous 60-Days

60 Day SPI 6/16/2016 - 8/14/2016



3
2.5
2
1.5
1
0
-1
-1.5
-2
-2.5
-3

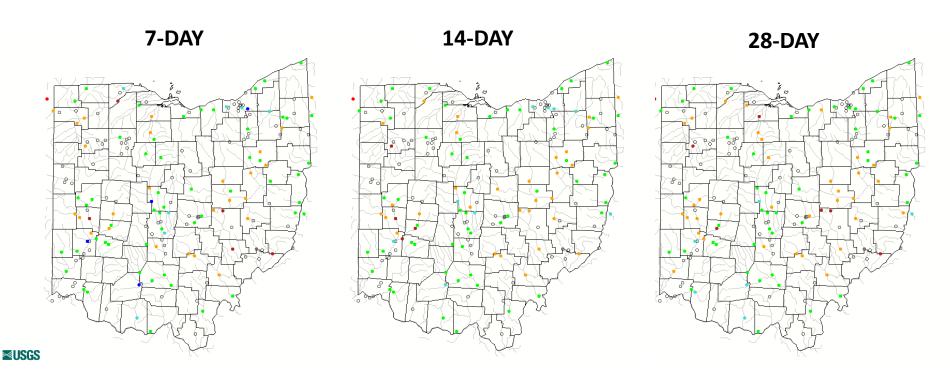
Generated 8/15/2016 at HPRCC using provisional data.

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





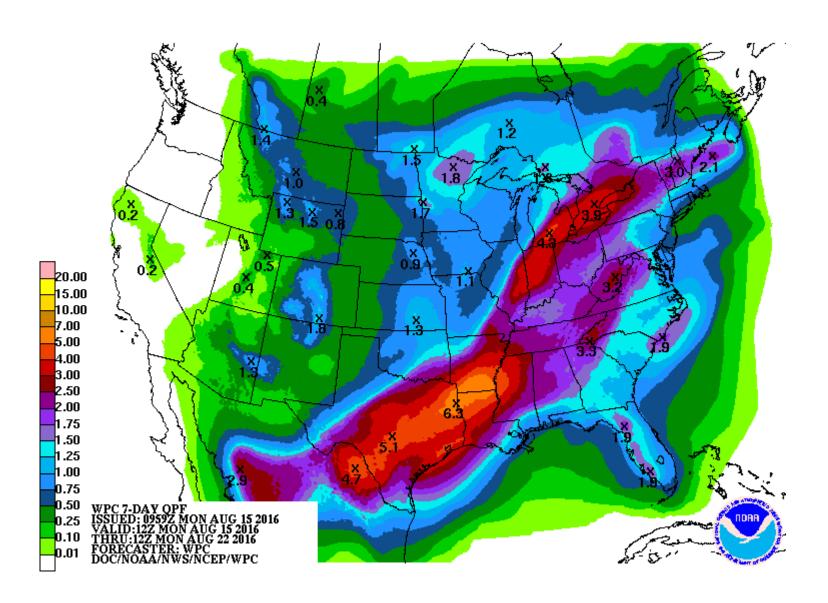
### **USGS Streamflow**



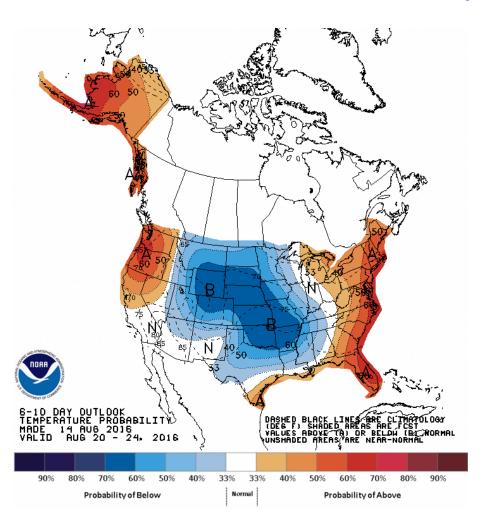
Explanation - Percentile classes							
			•			•	0
Low	<10	10-24	25-75	76-90	>90	High	Not-ranked
	Much below normal	Below normal	Normal	Above normal	Much above normal		Not-ranked

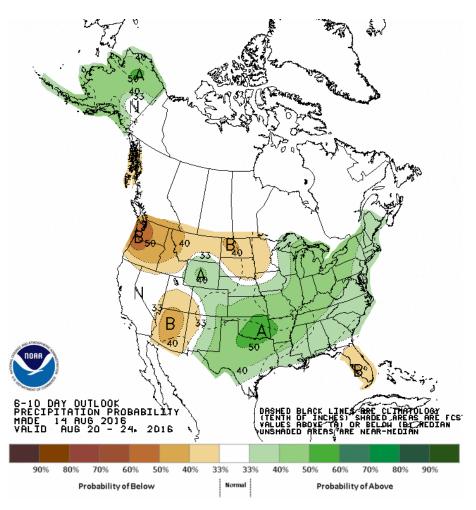
Average streamflow compared to historical streamflow for the day of the year

### Weather for the Week Ahead

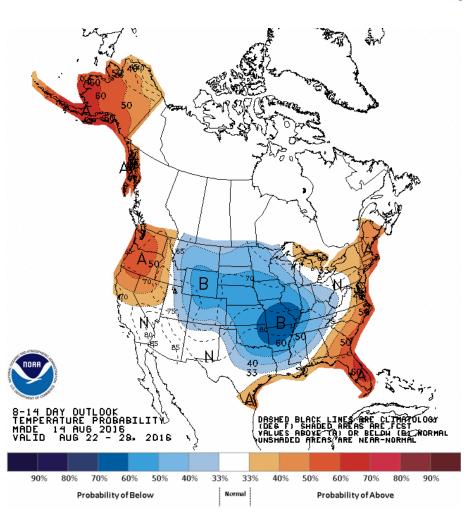


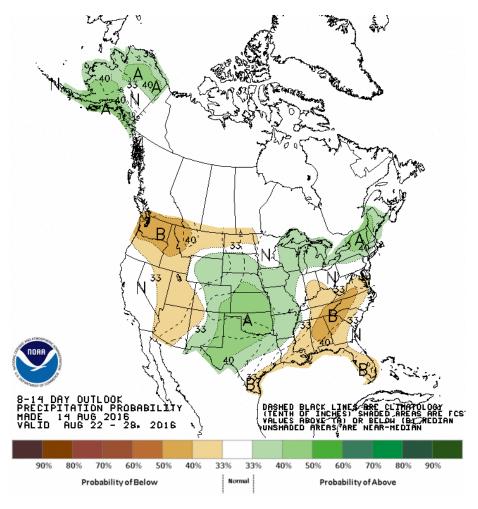
### 6-10 Day Outlook





### 8-14 Day Outlook





### **SUMMARY OF CONDITIONS**

### Current

- Drought Monitor: D2 went into effect for the N. Miami and Scioto Basins last week
- 7-day Precipitation: Widespread rainfall this week above 2" across the western 2/3 of the state
- Weekly Palmer Drought Severity Index: E and SE in Extreme Drought conditions where more that 12" needed to bring up to neutral
- Crop Moisture Index: Some improvement across the northern climate divisions
- 30-Day precipitation: 5-25% of normal for west, north, and east with locally improving conditions
- Standard Precipitation Index: Lowest values in W. Central, E. Central, and Northern Ohio – values as low as -3
- 1 Category improvement for most of the state
- Need to watch carefully the conditions across the east