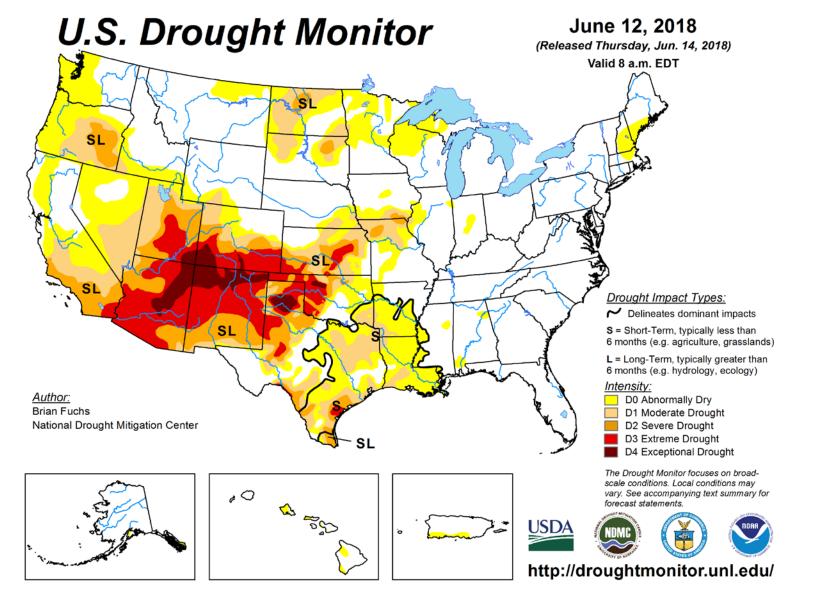
Hydrologic and Climate Assessment June 15, 2018





Aaron B. Wilson STATE CLIMATE OFFICE OF OHIO (SCOO) DEPARTMENT OF EXTENSION - CFAES BYRD POLAR & CLIMATE RESEARCH CENTER DEPARTMENT OF GEOGRAPHY



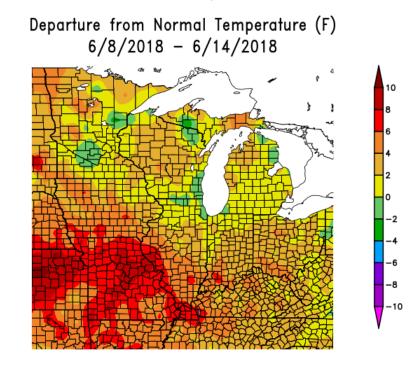
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COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES DEPARTMENT OF EXTENSION BYRD POLAR & CLIMATE RESEARCH CENTER DEPARTMENT OF GEOGRAPHY

Temperature Differences Compared to Average (1981-2010)

7-Day



Generated 6/15/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers





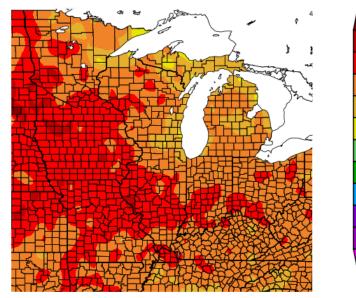
Temperature Differences Compared to Average (1981-2010)

-2

-6 -8 -10

30-Day

Departure from Normal Temperature (F) 5/16/2018 - 6/14/2018



Generated 6/15/2018 at HPRCC using provisional data.

60-Day

Departure from Normal Temperature (F) 4/16/2018 - 6/14/2018

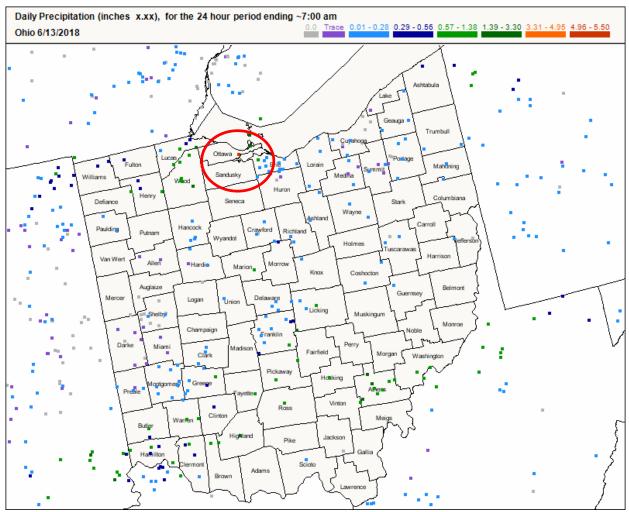
NOAA Regional Climate Centers Generated 6/15/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers





CoCoRaHS Observed Precipitation: June 13



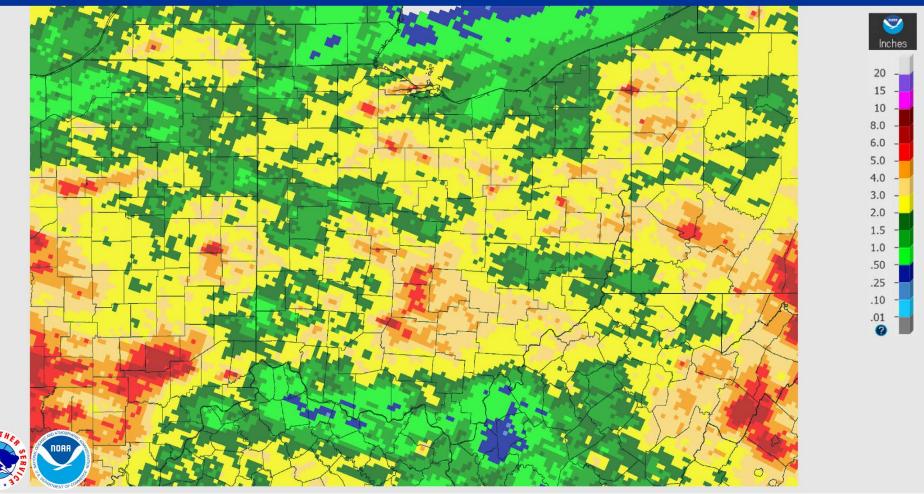
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Previous 14-Day Precipitation: Total

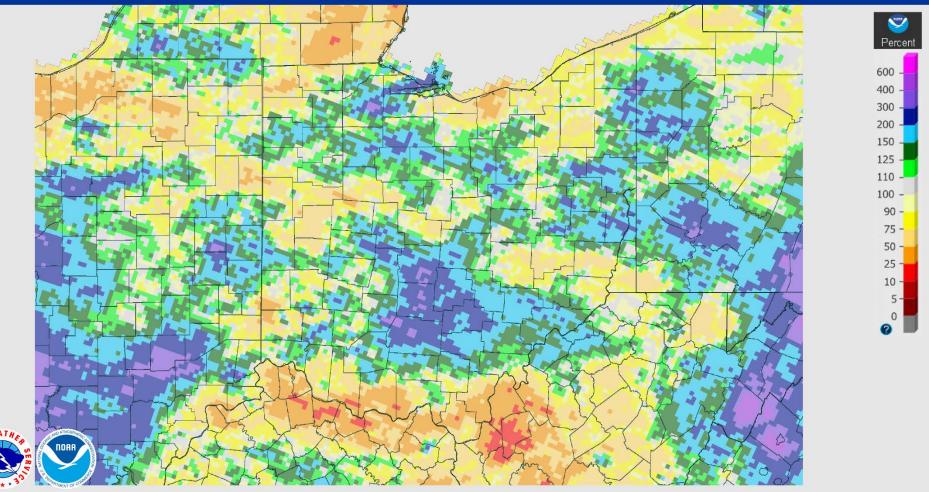
June 15, 2018 14-Day Observed Precipitation Created on: June 15, 2018 - 14:30 UTC Valid on: June 15, 2018 12:00 UTC





Previous 14-Day Precipitation: Percent of Normal

June 15, 2018 14-Day Percent Precipitation Created on: June 15, 2018 - 14:30 UTC Valid on: June 15, 2018 12:00 UTC





Precipitation Differences Compared to Average (1981-2010)

300

200

150

130

110

100

90

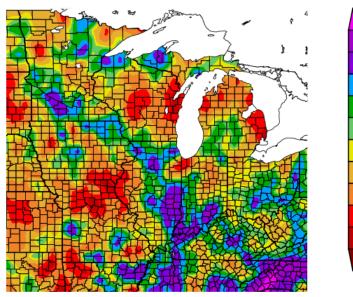
70

50

25

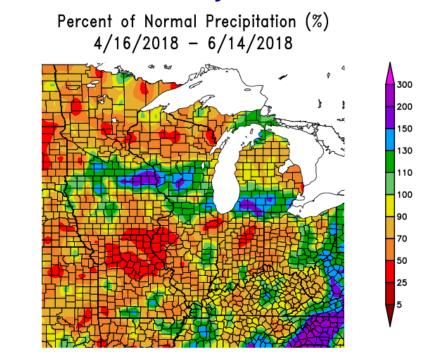
30-Day

Percent of Normal Precipitation (%) 5/16/2018 - 6/14/2018



Generated 6/15/2018 at HPRCC using provisional data.

60-Day



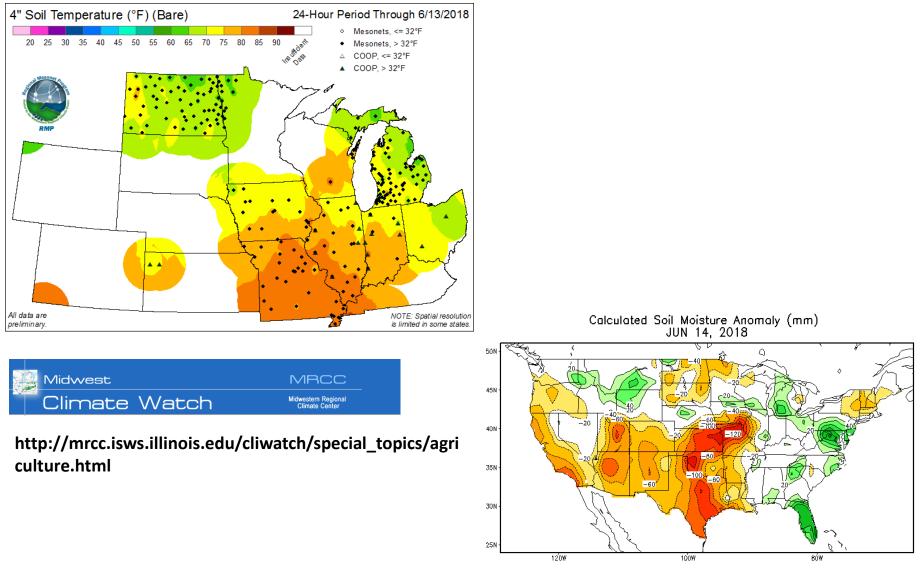
NOAA Regional Climate Centers Generated 6/15/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers



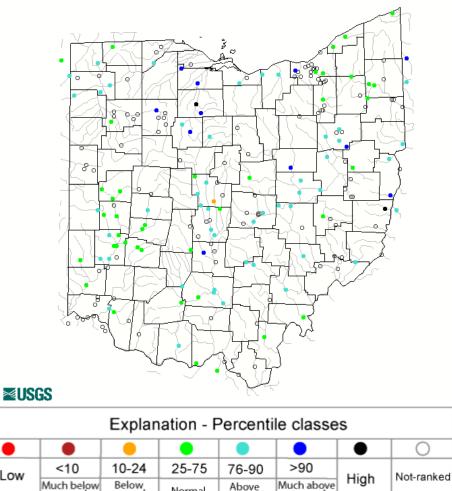


Soil Temperature/Moisture



-160-140-120-100-80 -60 -40 -20 20 40 60 80 100 120 140 160

7-DAY



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

normal

normal

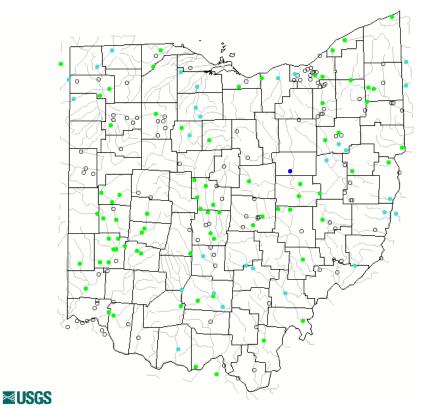
Normal

normal

norma

USGS Streamflow

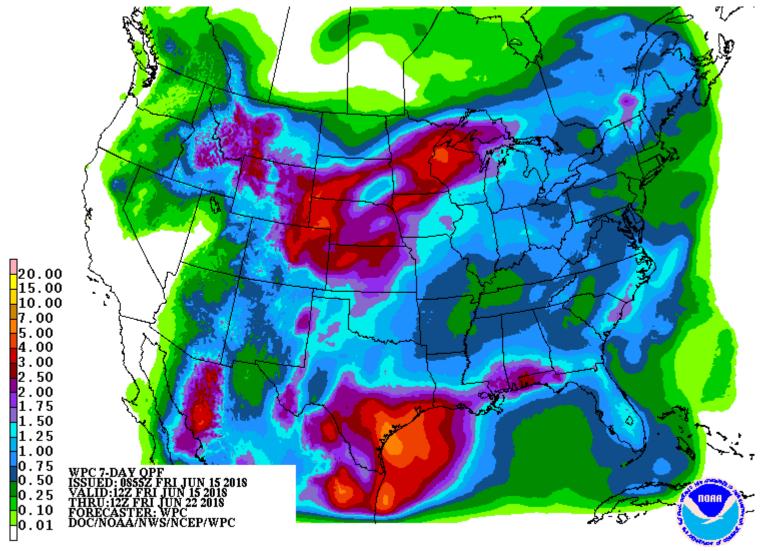
28-DAY



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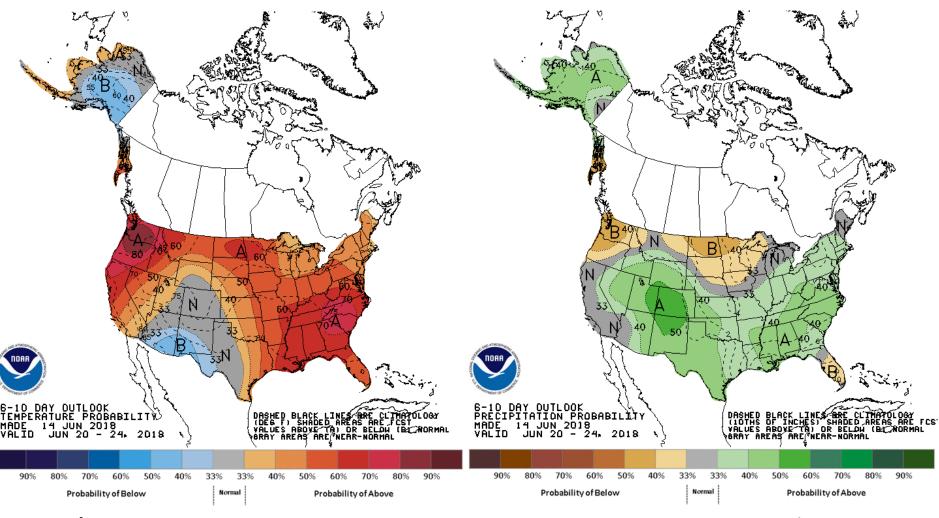
Low

Weather for the Week Ahead





6-10 Day Outlook



Highs: Upper 70s to Low 80s

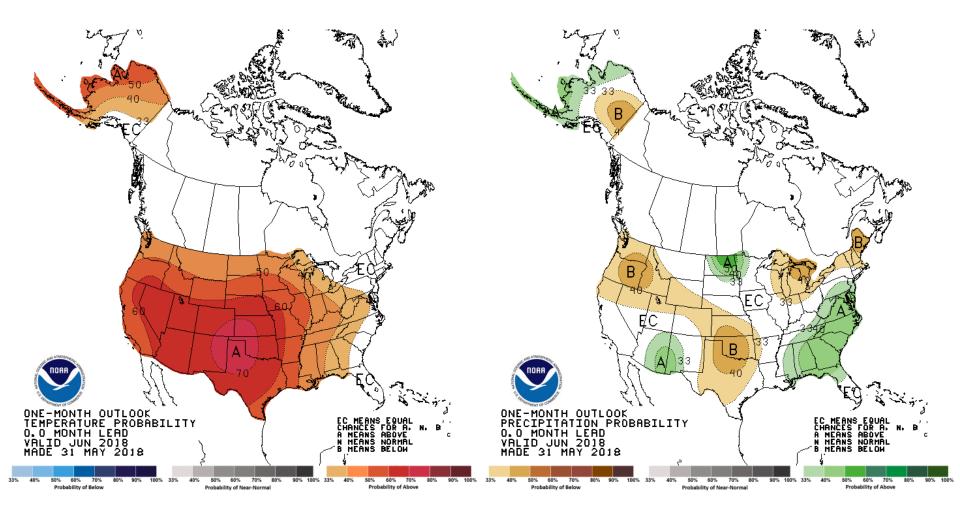
The Ohio State University

Lows: Upper 50s to low 60s



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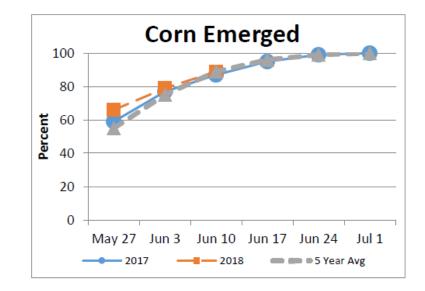
June Outlook

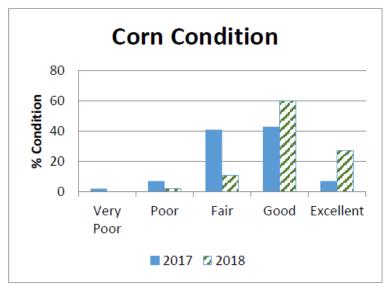


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Ag Highlights

- 4.7 days suitable for work
- Corn planted; soybean close
- Hay cuttings have been challenging



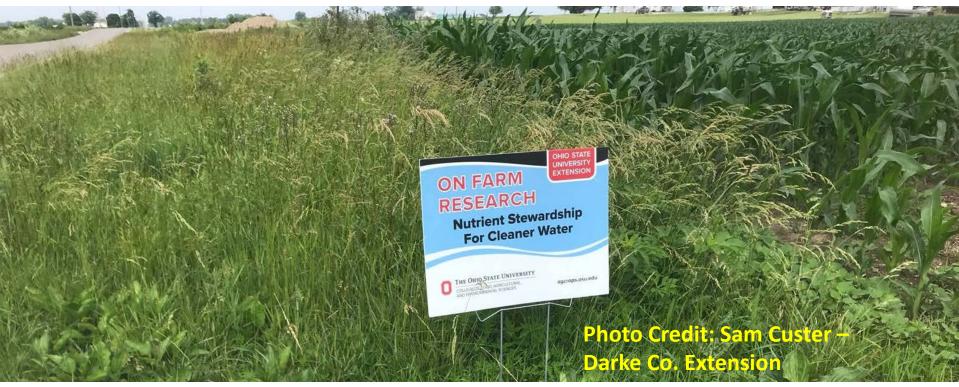


NASS: Cheryl Turner –

https://www.nass.usda.gov/Statistics_by_State/Ohio/Publications/Crop_Progress_&_Condition/2017/cw3017oh.pdf



Summary of Conditions



Drought Monitor: No Formal drought in Ohio

30-Day and 60-Day: Sporadically wet/dry conditions; driest in W. Central Ohio

The week ahead: Dry and hot conditions through early next week; some rain toward mid-week next week

