Hydrologic and Climate Assessment

June 15, 2018
U.S. Drought Monitor

June 12, 2018
(Released Thursday, Jun. 14, 2018)
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

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

http://droughtmonitor.unl.edu/
Temperature Differences Compared to Average (1981-2010)

7-Day

Departure from Normal Temperature (F)
6/8/2018 – 6/14/2018

Generated 6/15/2018 at HPRCC using provisional data.
NOAA Regional Climate Centers
Temperature Differences Compared to Average (1981-2010)

**30-Day**
Departure from Normal Temperature (°F)
5/16/2018 – 6/14/2018

**60-Day**
Departure from Normal Temperature (°F)
4/16/2018 – 6/14/2018
CoCoRaHS Observed Precipitation:

June 13
Previous 14-Day Precipitation: Percent of Normal
Precipitation Differences Compared to Average (1981-2010)

30-Day

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

60-Day

Percent of Normal Precipitation (%)
4/16/2018 - 6/14/2018

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

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

http://mrcc.isws.illinois.edu/cliwatch/special_topics/agriculture.html
Average streamflow compared to historical streamflow for the day of the year
6-10 Day Outlook

**Highs:** Upper 70s to Low 80s

**Lows:** Upper 50s to low 60s
Ag Highlights

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

NASS: Cheryl Turner –
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