

# Ohio Quarterly Climate Summary: Jun-Aug 2018

## Temperature Summary:

- The 2018 summer season ranks as the 17<sup>th</sup> warmest in Ohio since 1895\*. June 2018 ranks as the 4<sup>th</sup> warmest.
- Temperatures averaged 0 to 4°F above normal across the state, with the largest differences across the northern counties (Fig. 1).
- The warmth was driven by overnight lows that were well above average (Fig. 2).

Average Temperature (°F): Departure from 1981-2010 Normals  
June 01, 2018 to August 31, 2018

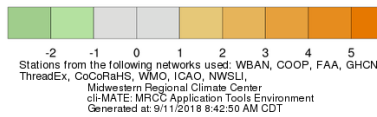
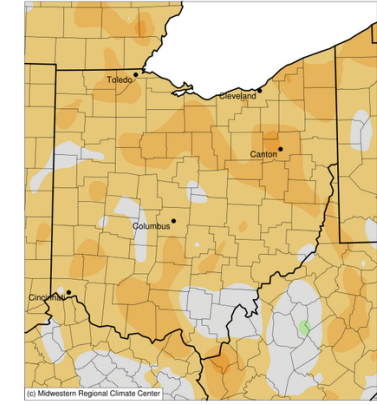


Figure 1

Average Minimum Temperature (°F): Departure from 1981-2010 Normals  
June 01, 2018 to August 31, 2018

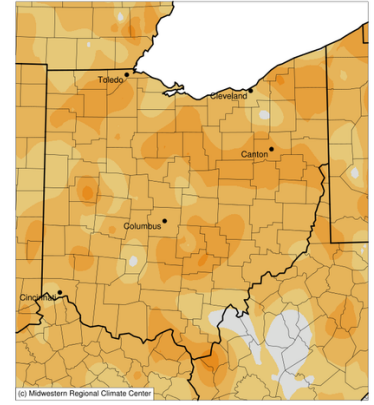


Figure 2

Accumulated Precipitation (in)  
June 01, 2018 to August 31, 2018

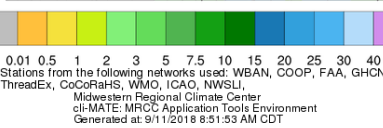
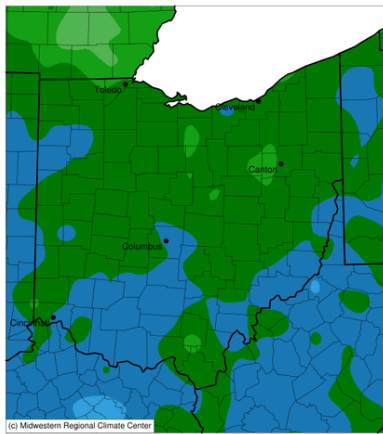


Figure 3

Accumulated Precipitation (in): Percent of 1981-2010 Normals  
June 01, 2018 to August 31, 2018

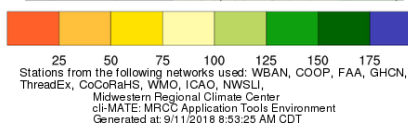
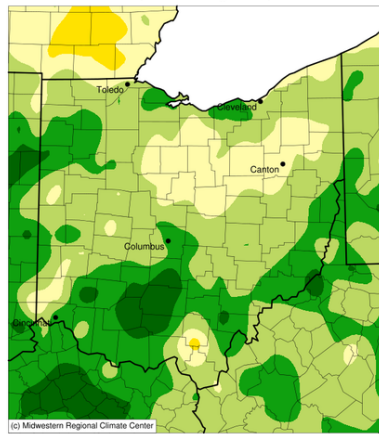


Figure 4

## Precipitation Summary:

- Summer 2018 precipitation was above average and ranks as the 17<sup>th</sup> wettest since 1895\*.
- The greatest totals (15-20") fell across the southern and western counties with lighter amounts (7.5-15") across the north (Fig. 3).
- A few pockets received slightly less than normal rainfall for the three-month period (yellow-shading; Fig. 4).

\*Regional summary provided by NOAA: <https://www.drought.gov/drought/documents/quarterly-climate-impacts-and-outlook-midwest-region-june-2018>.

\*Maps provided by cli-MATE, Midwestern Regional Climate Center, Illinois State Water Survey, Prairie Research Institute, University of Illinois at Urbana-Champaign, <http://mrcc.illinois.edu/CLIMATE>.

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### Hot Topic Corner:

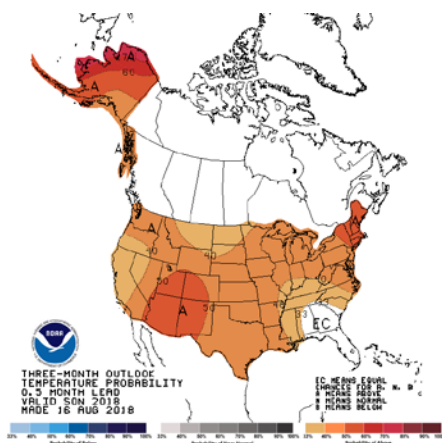
- For most of the state, early warmth and adequately wet weather provided ideal conditions for planting and emergence.
- However, conditions turned dry in July, especially across a few NW counties that were still trying to catch up from spring. By July's end, some damage had already been done. Allen Gahler, Sandusky County Extension Educator, spoke of irregular corn growth and firing and many challenges to hay producers and vegetable growers.
- Overall, dry conditions improved during August. Unfortunately, the remnants of Tropical Storm Gordon brought 2-8" of rain across the state in early September, impacting early harvest season activities.



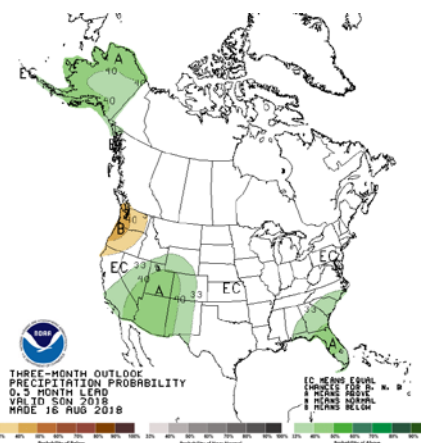
**Figure 5:** Healthy-looking corn in Putnam County in early August. Photo Credit: Glen Arnold

### Outlook:

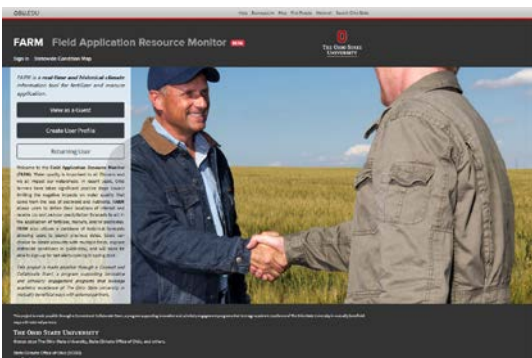
- The Climate Prediction Center depicts an **elevated probability (>40%) of above normal temperatures** for September through November (SON; Fig. 6).
- The precipitation outlook calls for **equal chances (EQ) of above, below, or near normal precipitation** (Fig. 7).



**Figure 6**



**Figure 7**



### SCOO Update:

- SCOO is releasing version 1 of the Field Application Resource Monitor (FARM; [farm.bpcrc.osu.edu](http://farm.bpcrc.osu.edu)).
- FARM provides real-time and historical precipitation forecasts and email notifications for your field(s) of choice.

