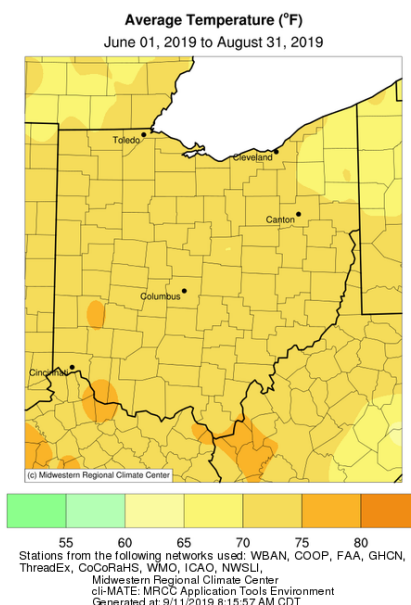


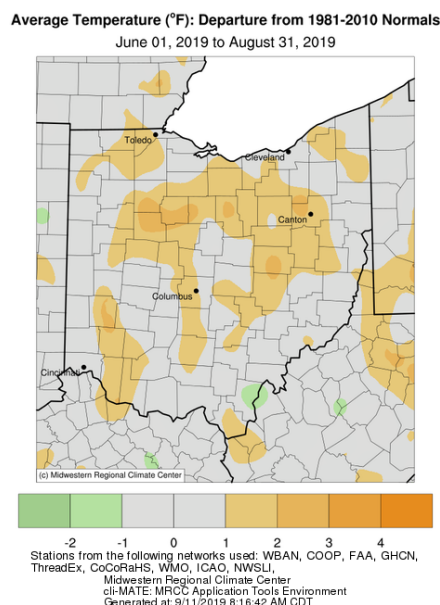
## Ohio Quarterly Climate Summary: Jun-Aug 2019

### Temperature Summary:

- Summer 2019 was warmer than average, ranked 30<sup>th</sup> warmest, according to records back to 1895\*.
- Temperatures averaged between 70-75°F for much of the state (Fig. 1).
- This was generally near-average to ~2°F above average (Fig. 2).
- This warmth was driven strongly by warm overnight low temperatures.



**Figure 1**

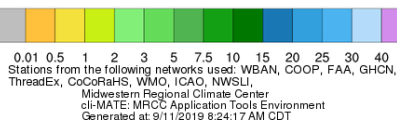
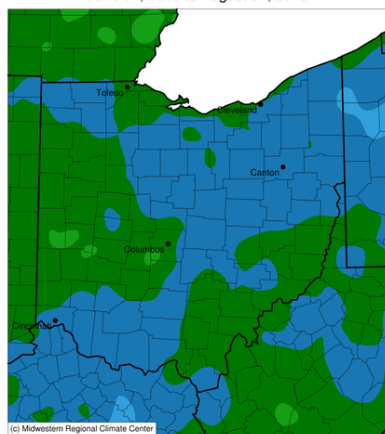


**Figure 2**

### Precipitation Summary:

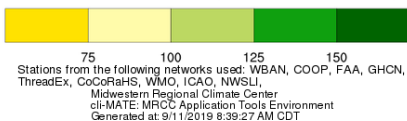
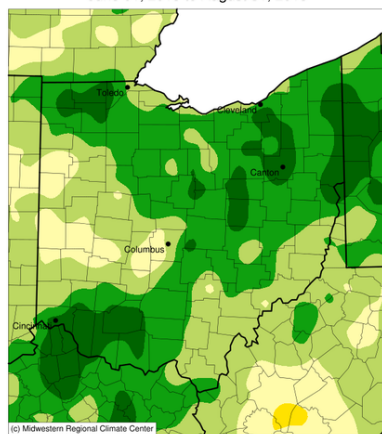
- Summer 2019 precipitation was above average for much of Ohio and ranks as the 12<sup>th</sup> wettest summer on record.\*
- The greatest totals fell across along the I-71 corridor and in eastern Ohio (Fig. 3).
- The northern and eastern counties in Ohio were 125-175% of normal (Fig. 4).
- Pockets of drier conditions persisted in parts of west central and central Ohio.

Accumulated Precipitation (in)  
June 01, 2019 to August 31, 2019



**Figure 3**

Accumulated Precipitation (in): Percent of 1981-2010 Normals  
June 01, 2019 to August 31, 2019



**Figure 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>.

# Ohio Quarterly Climate Summary: Jun-Aug 2019

## Hot Topic Corner:

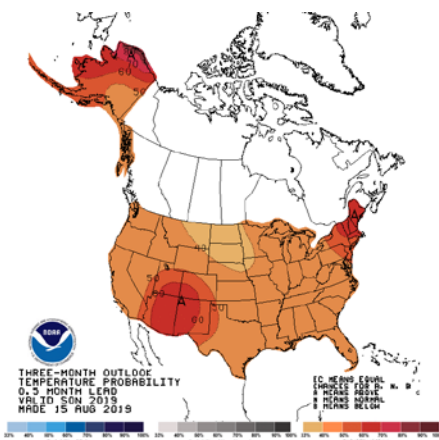
- June 2019 ranks as the 5<sup>th</sup> wettest on record. This resulted in the wettest 12-month June-May on record and kept many farmers out of the fields across NW Ohio (Fig 5).
- July and August turned dry across parts of west Central Ohio, and some crops began showing signs of stress.
- The late start on corn and soybeans was apparent by summer's end, with many crops still a month behind schedule.



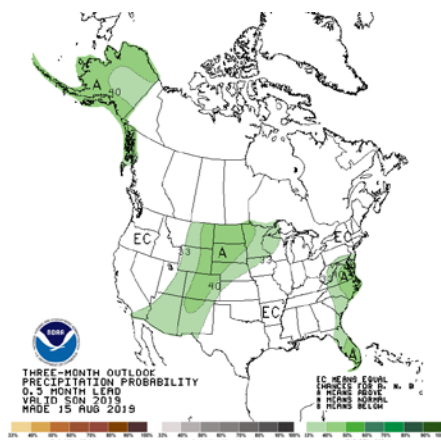
**Figure 5:** Visualization of prevent plant acres. Map credit to @audmkamp1 (Former USDA/NASS Ag Statistician for Wisconsin).

## Outlook:

- The Climate Prediction Center depicts an **elevated probability (>40%) of above average temperatures** for September through November (SON; Fig. 6).
- Equal chance **for above, below, or near-average precipitation** for the same period (Fig. 7).



**Figure 6**



**Figure 7**

## State Climate Office of Ohio (SCOO) Update:

- On July 18<sup>th</sup>, 2019, around 120 participants met for **Climate Smart: Farming with Weather Extremes** at the Der Dutchman Restaurant in Plain City, Ohio. Topics included weather and climate, water management, and price and production risk. Guest speaker Tyler Williams was on-hand to give a Nebraskan perspective to a wet spring. For speaker bios, pdfs, and recordings, please visit <https://u.osu.edu/climatesmart/july18/>.



**Figure 8**

