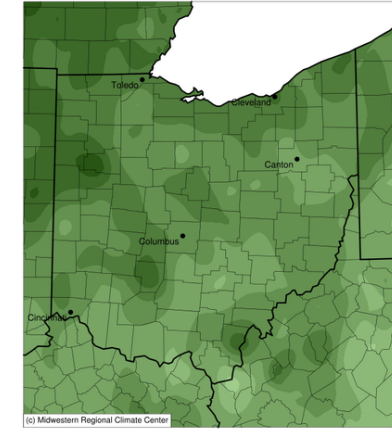


# Ohio Quarterly Climate Summary: Mar-May 2018

## Temperature Summary:

- The spring season was close to normal; ranks as the 49<sup>th</sup> warmest in Ohio since 1895\*. But, the season featured extreme monthly variability.
- April 2018 is the 9<sup>th</sup> coldest on record with temperatures averaging 2-9°F below average (Fig. 1).
- May 2018 ranks as the warmest on record with temperatures averaging 5-11°F above average (Fig. 2).

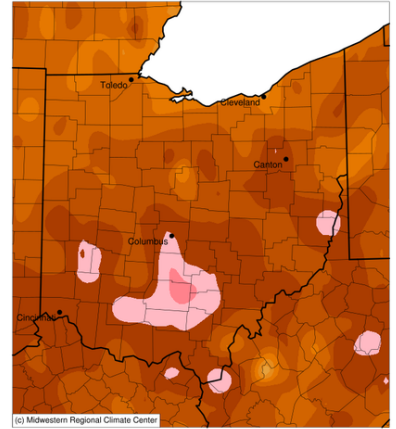
Average Temperature (°F): Departure from 1981-2010 Normals  
April 01, 2018 to April 30, 2018



(c) Midwest Regional Climate Center  
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
Generated at: 6/27/2018 9:39:31 AM CDT

Figure 1

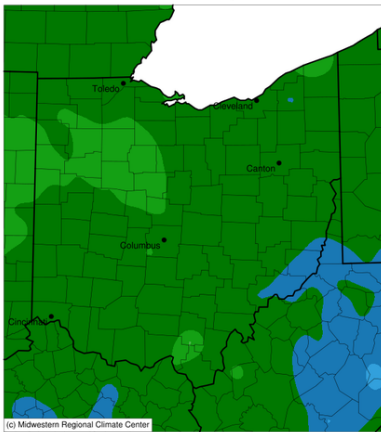
Average Temperature (°F): Departure from 1981-2010 Normals  
May 01, 2018 to May 31, 2018



(c) Midwest Regional Climate Center  
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
Generated at: 6/27/2018 9:40:26 AM CDT

Figure 2

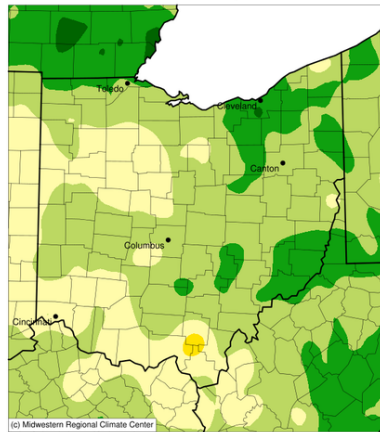
Accumulated Precipitation (in)  
March 01, 2018 to May 31, 2018



(c) Midwest Regional Climate Center  
0.01 0.5 1 2 3 5 7.5 10 15 20 25 30 40  
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
Generated at: 6/27/2018 9:52:40 AM CDT

Figure 3

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



(c) Midwest Regional Climate Center  
25 50 75 100 125 150 175  
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
Generated at: 6/27/2018 10:04:56 AM CDT

Figure 4

## Precipitation Summary:

- Spring 2018 precipitation was above average and ranks as the 38<sup>th</sup> wettest since 1895\*.
- The greatest totals fell across the southeast counties of Belmont, Monroe, and Washington counties (Fig. 3).
- Compared to normal, the western counties were a bit below average (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, Midwest 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: Mar-May 2018

### Hot Topic Corner:

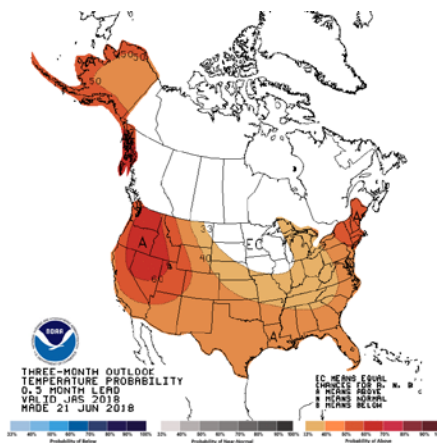
- After a very warm February, the spring season started off close to average before temperatures refused to warm during April.
- Cool and wet conditions in April began to raise concerns for farmers regarding timely planting conditions.
- An abrupt transition to record warmth in May allowed a flurry of activity and corn and soybeans to get a great start over much of the state (Fig. 5).
- Wet conditions during late spring have delayed hay cuttings across the north.



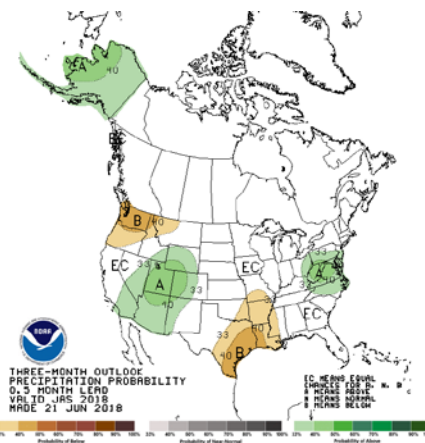
**Figure 5:** Nice start to corn on a Darke County farm. Photo credit: Sam Custer

### Outlook:

- The Climate Prediction Center depicts an **elevated probability (>33%) of above normal temperatures** for July through September (JAS; Fig. 6).
- Only a slightly elevated probability (>33%) **for above normal precipitation** in far eastern Ohio (Fig. 7).



**Figure 6**



**Figure 7**



**Figure 8**

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

- The office has received equipment support from the USDA Midwest Climate Hub to upgrade the OARDC Ag Weather Network across Ohio.
- SCOO is working with OARDC to add additional sensors and upgrade the connectivity to cell modems for near real-time data access (Fig. 8). Stay tuned for future updates!

