Temperature Differences Compared to Average (1981-2010)

Departure from Normal temperature (°F)
9/18/2020 – 9/24/2020

30-Day
Departure from Normal Temperature (°F)
8/26/2020 – 9/24/2020

60-Day
Departure from Normal temperature (°F)
7/27/2020 – 9/24/2020

https://www.drought.gov/drought/dews/midwest/current-conditions
This Week’s Precipitation

Multi-sensor Precipitation: Observed (inches)
7-Day Period Ending the Morning of 9/25/2020

- > 20.0
- 15.0 to 20.0
- 10.0 to 15.0
- 8.0 to 10.0
- 6.0 to 8.0
- 5.0 to 6.0
- 4.0 to 5.0
- 3.0 to 4.0
- 2.0 to 3.0
- 1.5 to 2.0
- 1.0 to 1.5
- 0.50 to 1.00
- 0.25 to 0.50
- 0.10 to 0.25
- 0.01 to 0.10
- < 0.01 (Not Shown)
- Missing Data

Precipitation data from NWS AHPS: https://water.weather.gov/precip

MRCC
Midwestern Regional Climate Center

https://www.cocorahs.org/
Precipitation Differences Compared to Average (1981-2010)

7-Day

9/18/2020 – 9/24/2020

30-Day

8/26/2020 – 9/24/2020

60-Day

7/27/2020 – 9/24/2020

https://www.drought.gov/drought/dews/midwest/current-conditions
Soil Moisture

https://weather.msfc.nasa.gov/sport/case_studies/lis_IN.html


https://weather.msfc.nasa.gov/sport/case_studies/lis_IN.html
Average streamflow compared to historical streamflow for the day of the year

Moisture Demand

1-month EDDI categories for September 20, 2020

Drought categories
- ED4
- ED3
- ED2
- ED1
- ED0
- EW0
- EW1
- EW2
- EW3
- EW4

(EDDI percentile category breaks: 100% = driest; 0% = wettest)

Generated by NOAA/ESRL/Physical Sciences Laboratory

Quick Drought Response Index
Ohio

September 20, 2020 (Week 38)
Conditions Relative to 4-Week Historical Average
- Wetter
- Near Average
- Drier
- Out of Season
- Urban
- No Data
- Water

https://quickdri.unl.edu/State.aspx?OH

THE OHIO STATE UNIVERSITY
Current U.S. Drought Monitor

September 22, 2020
(Released Thursday, Sep. 24, 2020)
Valid 8 a.m. EDT

U.S. Drought Monitor

Drought Impact Types:
- S = Short Term, typically less than 6 months (e.g., agriculture, grain crops)
- L = Long Term, typically greater than 6 months (e.g., hydrology, ecology)

The Drought Monitor focuses on local scale conditions. For more information on the Drought Monitor, visit http://droughtmonitor.unl.edu and select ‘water stress.’

droughtmonitor.unl.edu

THE OHIO STATE UNIVERSITY
Weather for the Week Ahead

Friday 9/25

Saturday 9/26

Sunday 9/27

Monday 9/28

Wednesday 9/30

https://www.wpc.ncep.noaa.gov/
7-Day Precipitation/Evaporation Forecast

https://www.wpc.ncep.noaa.gov/

https://www.weather.gov/abr/etforecasts
8-14 Day Outlook

Normals (1981-2010)

Highs: 70-75°F
Lows: 50-55°F
Precip: 0.75”
• 6.4 suitable days for fieldwork ending Sept. 21

• Silage and cutting hay

• Most crop conditions still fair to good and ahead of 5yr averages

Summary of Conditions

Drought Monitor: D0-D1 coverage shrinks to about 18% of the state

Climate Recap: Cooler than average lately; very dry

Week Ahead: Warm weekend; series of cold fronts next week increases rain – colder conditions
Partners and Additional Information

- SCOOS's Website: [https://climate.osu.edu](https://climate.osu.edu)
- NOAA's National Climatic Data Center: [www.ncdc.noaa.gov](http://www.ncdc.noaa.gov)
- NOAA's Climate Prediction Center: [www.cpc.ncep.noaa.gov](http://www.cpc.ncep.noaa.gov)
- Climate Portal: [www.climate.gov](http://www.climate.gov)
- National Drought Mitigation Center: [https://drought.unl.edu/](https://drought.unl.edu/)
- Midwest Regional Climate Center: [https://mrcc.isws.illinois.edu](https://mrcc.isws.illinois.edu)
- Community Collaborative Rain Snow Hail Network (CoCoRaHS): [https://cocorahs.org](https://cocorahs.org)
- Song: “Blue Creek Trail” by Dan Lebowitz

Photo Courtesy of Toni Custer