

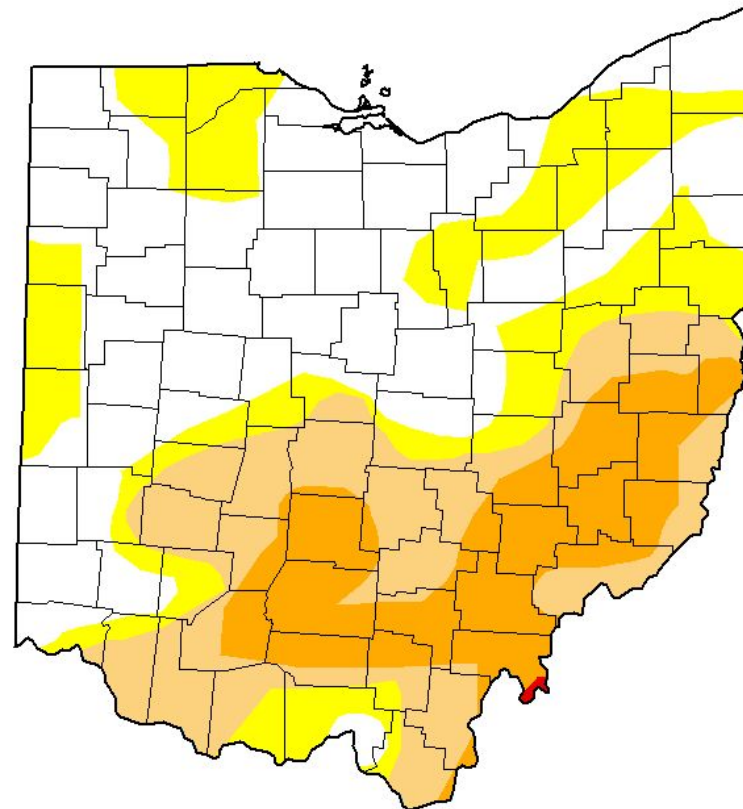
# Midwest DEWS Partners Meeting/NWS Climate Services Workshop

First D3 in the state since August 28, 2012!

Aaron Wilson – SC  
 Jim DeGrand – Mesonet Manager  
 Geddy Davis – Byrd/SCOO Weather and Climate Services Program Coordinator



U.S. Drought Monitor  
 Ohio



August 13, 2024  
 (Released Thursday, Aug. 15, 2024)  
 Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	41.27	58.73	36.13	16.08	0.08	0.00
<b>Last Week</b> 08-06-2024	32.93	67.07	35.91	13.83	0.00	0.00
<b>3 Months Ago</b> 05-14-2024	100.00	0.00	0.00	0.00	0.00	0.00
<b>Start of Calendar Year</b> 01-02-2024	52.14	47.86	27.23	0.24	0.00	0.00
<b>Start of Water Year</b> 09-26-2023	15.22	84.78	27.05	0.00	0.00	0.00
<b>One Year Ago</b> 08-15-2023	88.65	11.35	0.00	0.00	0.00	0.00

**Intensity:**

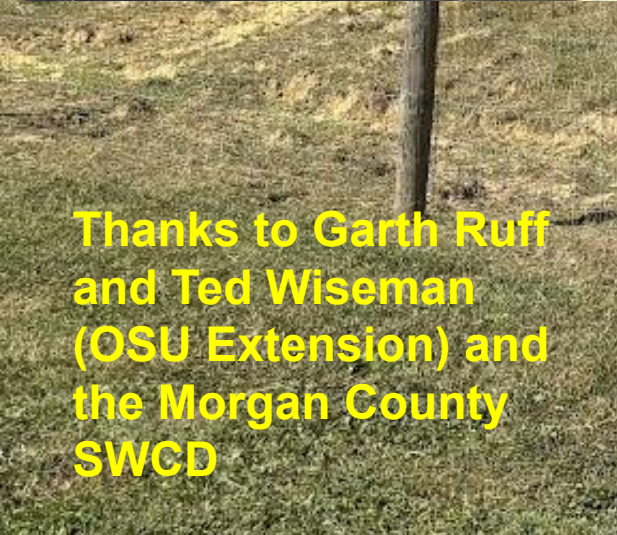
- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

**Author:**  
 Curtis Riganti  
 National Drought Mitigation Center



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)



**Thanks to Garth Ruff  
and Ted Wiseman  
(OSU Extension) and  
the Morgan County  
SWCD**



# Drought Conditions and Resources

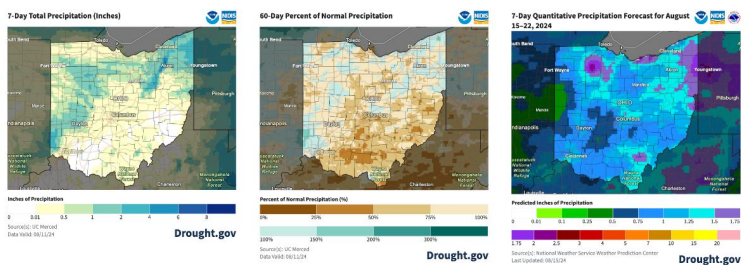
## Resources for Ohio's farmers to navigate challenging issue

CFAES experts know the challenges Ohio growers and producers face due to a variety of reas. Response Team was created to quickly address current events and offer the best science-base recommendations to protect livestock, crops, and farm operations due to weather impacts, tari prices, and extreme events.

### Weekly Update



## Drought Conditions in Ohio



For more drought data, visit [drought.gov](https://drought.gov).

<https://kx.osu.edu/page/early-drought-response>

## Observed Weather Summary

- Temperatures over the past week were about 2-4°F below normal.
- Areas west of about US 23 and northeast of I-71 saw very little precipitation this week.
- Holmes to Geauga Counties picked up 3-8" of rain from Hurricane Debby.
- Isolated totals of 0.5-2" fell in portions of Ross, Pike, northwest Meigs, and southern Athens Counties.
- Significant precipitation deficits continue across 30-to-90-day timescales, remaining below 50% of normal in spots.

## Impacts

- Pasture conditions in poor to very poor condition range dropped another percentage point to 30% this week.
- Corn and soybean conditions in good to excellent condition dropped slightly this week with signs of stress still evident across the south (curling, firing, tip-back).
- Starting to see some low intensity woodland wildfire activity across the southern part of the state which have been difficult to extinguish with the very dry conditions of the leaf litter and upper organic layer of the soil.
- Many of the mesic (moisture requiring) tree species such as black walnut, boxelder, sugar maple, yellow-poplar, and eastern cottonwood leaves are turning colors, much earlier (greater than 2 months) than we would typically expect.
- Low ponds and streams, soil cracking, and insect pressure continue.



[Drought Monitor](#)

[Contact Us](#)

## Resources for Producers

- > [Agronomic Crops](#)
- > [Dairy](#)
- > [Farm Management](#)
- > [Fruit](#)
- > [Livestock](#)
- > [Poultry](#)
- > [Vegetables](#)
- > [Wine Grapes](#)

## More Resources

- > [Extreme Heat](#)
- > [Turfgrass](#)
- > [Gardens](#)



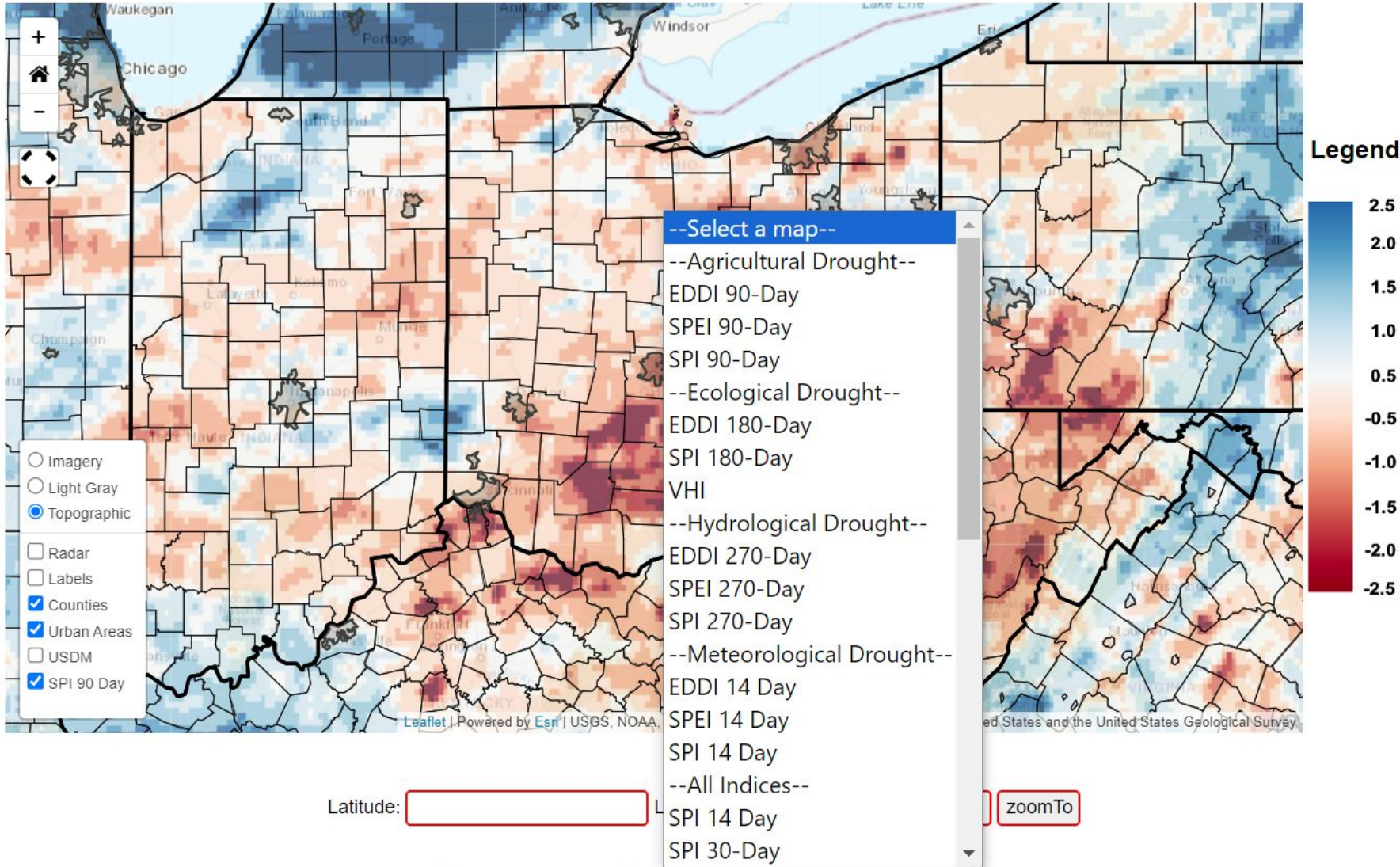
[Contact Us](#)

# Ohio USDM Process

- **SC leads state coordination**
- **Teams Includes:**
  - NOAA NWS Hydrologists (Wilmington, Northern Indiana, Cleveland, Pittsburg, Charleston)
  - NOAA NWS Eastern Region
  - State Agencies (Ohio EMA, DNR, Ag, Public Safety)
  - USGS
  - OSU University Researchers/Partners
  - Adjacent SCs: Indiana, Kentucky – We take part in IN
- **Process**
  - Weekly (Monday morning) emails to the group with summary of current conditions, 1-week change in conditions, and a draft set of recommendations asking for feedback.
  - The email includes a PDF attachment showing key datasets and other information used to produce the draft recommendation.
  - Partner feedback is considered, final recommendations go to the DM author by late morning Tuesday.
  - Overall, the process requires 2 to 4 hours of SC time each week
- **Key datasets**
  - Precipitation accumulation/anomalies (AHPS/NOAA Water), 30-60-90-day SPI (SRCC water portal), Remotely sensed/model soil moisture (CPC Leaky Bucket, NLDAS 2 Soil Moisture Ensemble), Realtime to 28-day streamflow (USGS), CoCoRaHS condition monitoring/CMOR reports, media reports, Extension reports (call with Extension on Monday mornings), temperature anomalies (MRCC)
  - Ohio Drought Monitoring Site (<https://ohiodrought.s3.amazonaws.com/index.html>)



# Ohio USDM Process



# Ohio Drought Declarations

## Governor's Office

1. Status of Drought Alerts
2. Status of Burn Bans
3. Status of Voluntary Water Use Restrictions

## Ohio EMA

1. Activation of Impact Task Groups
2. Actions of the Drought Assessment Committee
3. Provision of regular reports to members of the Drought Assessment Committee
4. Maintenance of regular information flow with key federal, state and local agencies concerning drought conditions.
5. Status of local notifications of Drought Alert Declarations
6. Status of local governments concerning the drought and keep them informed of situations.
7. Preparation and dissemination of a drought report weekly for decision-makers and the press





**Thank You!**

**Aaron B. Wilson**

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