



CoCoRaHS Collections

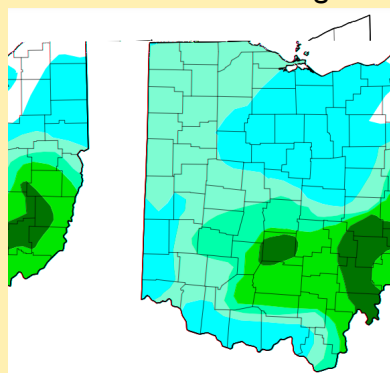
“Because Every Drop Counts”

The Ohio Newsletter

Summer
2024

2024 Drought Intensifies

In the last newsletter I talked some about drought. Since that time the 2024 drought has intensified. For some locations it is the worst drought in decades. Much of the state is in at least D0 or abnormally dry conditions, however large portions of southeastern portions of the state are in D3 extreme drought or D4 exceptional drought conditions.



Map released: Thurs. September 5, 2024
Data valid: September 3, 2024 at 8 a.m. EDT

Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

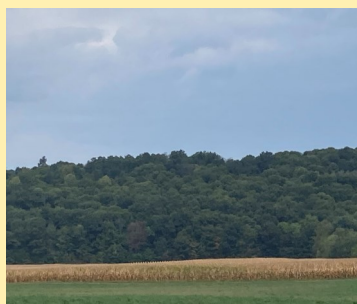
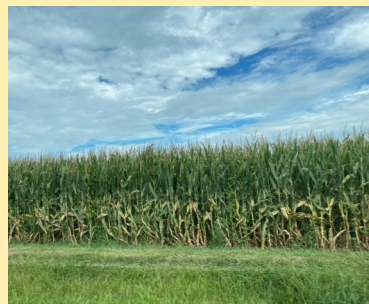
Authors

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[Lindsay Johnson](#), National Drought Mitigation Center

Pacific Islands and Virgin Islands Author(s):
[Richard Tinker](#), NOAA/NWS/NCEP/CPC

On August 31st I took these two pictures of corn, the green one was located in western Clinton County Ohio in D0 or abnormal dry conditions at the time, while

the brown corn was taken in D3 conditions of northwestern Pike County Ohio. There really was a sharp cutoff between greener corn and brown corn as I got to eastern Clinton County and points southeastward.



The latest monthly drought outlook on August 31st for September calls for additional drought to develop where there is not currently drought and for drought conditions to persist where there are already drought conditions.

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A special thank you to those listed below for contributing to this newsletter! CoCoRaHS, NWS, U.S Drought Monitor websites and Julian from CoCoRaHS headquarters. Special thanks to all of you who submit observations daily as well!



If you have any questions or if there is a topic that you would like to hear about in a future newsletter please contact: Ashley.Novak@noaa.gov

U.S. Monthly Drought Outlook
Drought Tendency During the Valid Period

Valid for September 2024
Released August 31, 2024

Depicts large-scale trends based on independently derived probabilities, guided by short- and long-range historical and operational forecasts. Use caution for applications that can be affected by short-term events. "Ongoing" drought areas are based on the U.S. Drought Monitor area probabilities of D1 to D4.

NOTE: The last source report at least a 1-category improvement in the Drought Monitor already exists by the end of the period, although the U.S. Drought Monitor area probabilities of D1 to D4.

Source: <https://www.drought.gov>

Your CoCoRaHS observations help show the impacts and location of drought. The daily precipitation reports are always important. There is an additional form that is really helpful anytime of the year, but especially as we get into these extreme drought conditions. In your account is a condition monitoring report form. (continued page 2)

2024 Drought Intensifies (continued from page 1)

Troy 3.1 S

Station Number	OH-MM-13 (49 CM Reports in prior 12 months)
Report	My area is 2.59" in deficit in rainfall this year. We have had no measurable rainfall for more than two weeks and none predicted until the end of this week. We're getting, dry, crispy, and dusty. Tree are letting their leaves go in fall colors. I almost need to rake my side yard.
Condition	Moderately Dry
Date	Tue Sep 03 2024

There is also a helpful training slide show right there for you to click in the form if you have any questions. These reports are submitted on a regular (weekly, biweekly, monthly) basis to share information about the effects of local precipitation on the environment and society. It is ok if you can't report

all the time, however the more you can report on a consistent basis the more helpful your information will be. People will really be able to see the changes with time of the "condition" of your location. An example of a condition monitoring report is above. While this time of year most of the reports will indicate some degree of dry conditions, as we get into wetter patterns at some point in the future, knowing if your location is wetter than normal is also important.

Diamond Dendrite Award

Special welcome to the Diamond Dendrite award level for these observers that have submitted 5,000 daily precipitation amounts. Award certificates will be sent via email.



OH-AT-6

OH-CN-14

OH-CY-16

OH-HY-9

OH-TR-4



Golden Raindrop Award

Congratulations to our new Golden Raindrop Award members! These individuals have reported over 3000 daily precipitation reports. Award certificates will be sent via email.

OH-CY-39

OH-FR-23/OH-MA-8

Silver Snowflake Award

Congratulations to our new Silver Snowflake Award members! These individuals have reported over 2000 daily precipitation reports. Award certificates will be sent via email.



OH-AS-6

OH-CK13

OH-MM-14

OH-TS-14





Bronze Observer Award

Congratulations to our new Bronze Observer Award members! These individuals have reported over 1000 daily precipitation reports. Award certificates will be sent via email.



OH-CH-17

OH-ER-44

OH-RC-14



500 Club

Congratulations to our newest 500 Club members! These observers have submitted at least 500 daily precipitation reports since becoming a CoCoRaHS observer. We look forward to adding onto this list with the next newsletter.

OH-BR-17	OH-BR-18	OH-ER-53	OH-ER-59	OH-FF-47	OH-FR-138	OH-GG-21	OH-GR-44
OH-HG-9	OH-HM-80	OH-LR-36	OH-MM-27	OH-MY-95	OH-MY-97	OH-OT-8	OH-PC-4
OH-PN-14	OH-RC-18	OH-RS-14	OH-RS-17	OH-ST-12	OH-UT-20	OH-WD-27	OH-WR-53

Summer 2024 Honor Roll (Continued on Page 4)

From June 1, 2024 through August 31, 2024, these Ohio stations reported everyday. Here are those stations who get a thumbs up for their dedication!

Not listed below, but thought you reported everyday? You can check your reports. There are multiple ways to do this. You can go into your account and click on list/edit my daily precipitation reports. This will show your reports everyday. You can also go into 'view data' at the top of the page and click on 'station precipitation summary report.' Input your station and the period of interest. The missing days will be shown with dash marks. If there are additional questions e-mail Ashley.Novak@noaa.gov.

OH-AD-5	OH-CK-19	OH-DL-32	OH-FF-43	OH-GR-37	OH-KN-4
OH-AD-6	OH-CM-18	OH-DL-35	OH-FL-16	OH-GR-44	OH-LC-1
OH-AL-5	OH-CM-33	OH-DL-36	OH-FR-104	OH-GY-10	OH-LC-10
OH-AS-6	OH-CN-10	OH-DL-39	OH-FR-160	OH-GY-14	OH-LC-26
OH-AT-1	OH-CN-15	OH-DL-47	OH-FR-166	OH-HD-14	OH-LC-28
OH-AT-21	OH-CN-24	OH-DR-1	OH-FR-2	OH-HD-22	OH-LC-3
OH-AT-26	OH-CN-6	OH-DR-31	OH-FR-3	OH-HG-8	OH-LG-12
OH-AT-28	OH-CW-10	OH-DR-9	OH-FR-75	OH-HM-13	OH-LK-25
OH-AT-5	OH-CW-3	OH-ER-20	OH-FR-8	OH-HM-24	OH-LR-25
OH-BT-1	OH-CW-6	OH-ER-48	OH-FR-83	OH-HM-56	OH-LR-27
OH-BT-34	OH-CY-24	OH-ER-5	OH-FY-5	OH-HM-69	OH-LR-36
OH-CB-10	OH-CY-39	OH-ER-50	OH-FY-8	OH-HM-75	OH-LR-8
OH-CB-18	OH-CY-48	OH-ER-8	OH-GG-11	OH-HM-80	OH-LS-14
OH-CB-29	OH-CY-53	OH-FF-14	OH-GG-4	OH-HR-2	OH-LS-22
OH-CB-8	OH-DL-10	OH-FF-24	OH-GG-7	OH-HY-13	OH-LS-23
OH-CC-4	OH-DL-12	OH-FF-29	OH-GR-15	OH-HY-14	OH-LS-34
OH-CC-8	OH-DL-31	OH-FF-39	OH-GR-26	OH-HY-9	OH-LS-40



Newsletter

CoCoRaHS Collections
The Ohio CoCoRaHS Newsletter

E-mail:
Ashley.Novak@noaa.gov

Because Every Drop Counts

www.cocorahs.org

Helpful Links for Ohio CoCoRaHS Observers

Obtain replacement or extra equipment:

<https://www.cocorahs.org/Content.aspx?page=store>

For information on Climate:

<https://climate.osu.edu/>

<https://www.cpc.ncep.noaa.gov/>

For Current Forecasts and Severe Weather Warnings:

<https://www.weather.gov/>



For river information:

<https://water.weather.gov/ahps/>



For drought information:

<https://droughtreporter.unl.edu/map/>

<https://droughtmonitor.unl.edu/>

OH-MA-9
OH-MC-11
OH-MC-7
OH-MD-1
OH-MD-10
OH-MD-16
OH-MD-19
OH-MD-2
OH-MH-10
OH-MH-11
OH-MH-21
OH-MK-12

OH-MK-13
OH-MM-14
OH-MM-29
OH-MN-3
OH-MY-106
OH-MY-17
OH-MY-18
OH-MY-34
OH-MY-39
OH-MY-5
OH-MY-83
OH-MY-95

OH-MY-96
OH-OT-11
OH-OT-9
OH-PB-1
OH-PC-10
OH-PK-3
OH-PN-10
OH-PN-14
OH-PT-12
OH-PT-17
OH-PT-2
OH-PT-25

OH-PT-8
OH-PT-9
OH-RC-15
OH-RC-18
OH-RC-7
OH-RC-9
OH-RS-14
OH-RS-17
OH-RS-8
OH-SD-2
OH-SH-11
OH-SH-13

OH-SH-14
OH-SH-15
OH-SH-20
OH-SM-22
OH-SM-32
OH-SM-39
OH-SM-46
OH-SM-5
OH-SN-3
OH-ST-12
OH-TR-13
OH-TS-14

OH-TS-8
OH-UN-18
OH-UN-4
OH-WD-12
OH-WD-14
OH-WL-5
OH-WN-20
OH-WR-34
OH-WR-36
OH-WS-12



Weather Talk Webinars

Did you know that CoCoRaHS offers free webinars on a variety of topics during the year? These can be found on the left side of the www.cocorahs.org webpage where it says 'WxTalk Webinars.' The next one is coming up on September 26th at 1pm Eastern. In addition to Measuring beyond precipitation. How is your forest responding to drought? coming up later this month there is Meteorology and the Law: The Use of Weather Experts in Litigation in November, SNOTEL - SNOpack TELEmetry in February, Fog and Dew next May, and What is a '100-year rainstorm'? And how many CoCoRaHS volunteers have observed one?" next summer.