



CoCoRaHS Collections

"Because Every Drop Counts"

The Ohio Newsletter

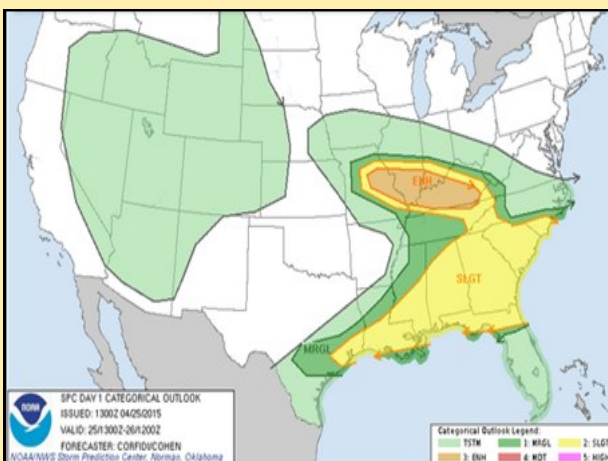
Spring 2015

Understanding Severe Thunderstorm Risk Categories

The Storm Prediction Center, SPC, is located in Norman, Oklahoma. SPC issues several different products including convective outlooks. The different risk categories in these outlooks are listed below. Also below are examples from convective outlooks from earlier this year.

More information on these products and all of the Storm Prediction Center's products can be found on the Storm Prediction Center's website www.spc.noaa.gov.

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A special thank you to those listed below for contributing to this newsletter!

-Julian Turner,

CoCoRaHS Headquarters
-The U.S. Drought Monitor, National Weather Service (Storm Prediction Center), and CoCoRaHS websites

THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)	3 - ENHANCED (ENH)	4 - MODERATE (MDT)	5 - HIGH (HIGH)
No severe* thunderstorms expected	Isolated severe thunderstorms possible	Scattered severe storms possible	Numerous severe storms possible	Widespread severe storms likely	Widespread severe storms expected
Lightning/flooding threats exist with <u>all</u> thunderstorms	Limited in duration and/or coverage and/or intensity	Short-lived and/or not widespread, isolated intense storms possible	More persistent and/or widespread, a few intense	Long-lived, widespread and intense	Long-lived, very widespread and particularly intense
					
<ul style="list-style-type: none"> • Winds to 40 mph • Small hail 	<ul style="list-style-type: none"> • Winds 40-60 mph • Hail up to 1" • Low tornado risk 	<ul style="list-style-type: none"> • One or two tornadoes • Reports of strong winds/wind damage • Hail ~1", isolated 2" 	<ul style="list-style-type: none"> • A few tornadoes • Several reports of wind damage • Damaging hail, 1 - 2" 	<ul style="list-style-type: none"> • Strong tornadoes • Widespread wind damage • Destructive hail, 2" + 	<ul style="list-style-type: none"> • Tornado outbreak • Derecho

* NWS defines a severe thunderstorm as measured wind gusts to at least 58 mph, and/or hail to at least one inch in diameter, and/or a tornado. All thunderstorm categories imply lightning and the potential for flooding. Categories are also tied to the probability of a severe weather event within 25 miles of your location.



National Weather Service

www.spc.noaa.gov





A Tale of Two Months

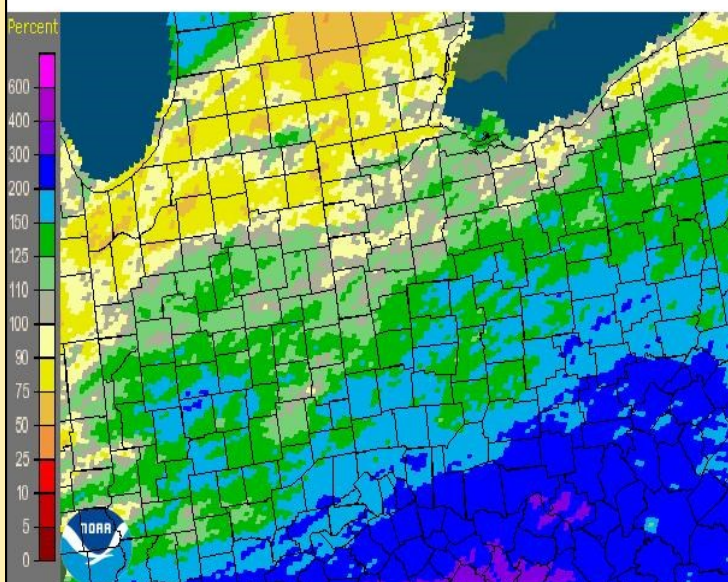
During April rainfall was plentiful across all except for extreme northern portions of Ohio. Working into May, precipitation was much harder to come by especially across southern portions of the state. Although northern portions of the state have seen above normal precipitation for June so far, southern portions of the state continue the trend of May with below normal precipitation. April and May monthly percent of normal precipitation images are shown to the right.

Due to this continued lack of rainfall, the U.S. Drought Monitor shows much of the southern portions of the state as exhibiting abnormally dry conditions. This is seen in the bottom right image.

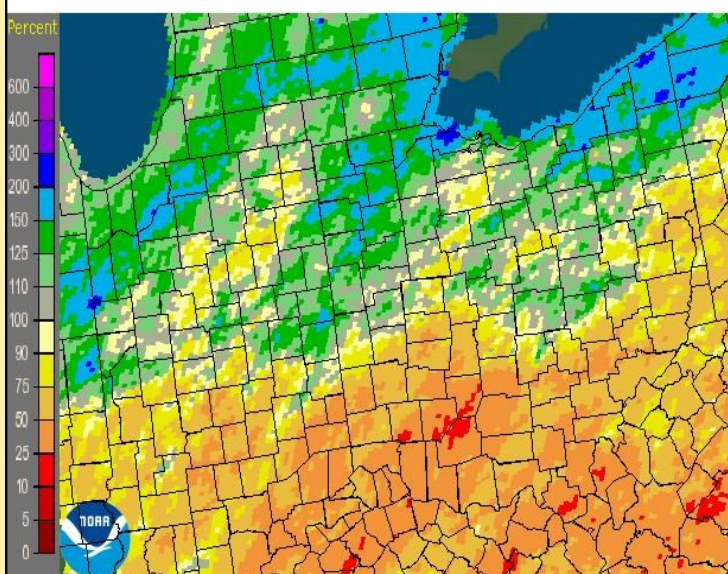
For some, your gauge may be getting a little dusty or you have noticed spiders starting to make their home in your nice dry gauge. What else are you noticing around your area? Are you starting to see any impacts of drought? Whether you are now or at any point in the future, there is a form in your CoCoRaHS account to report any drought impacts you are seeing. This report is the Drought Impact Report Form.

With this form you can indicate what impacts drought is having in your area and also what type of impact there is. Examples of types of impacts are listed below. Here is an example of a report from OH-HM-5. "Rainfall here since the third week of April is under 2 inches. Despite the very dry weather, landscapes remain fairly green due to abundant left over soil moisture from April rains. Lawns are beginning to brown, stream flow is low, and lawns are browning especially in exposed, sunny locations."

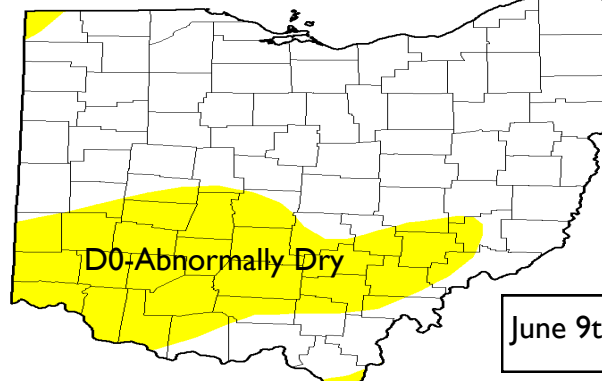
Ohio: April, 2015 Monthly Percent of Normal Precipitation
Valid at 5/1/2015 1200 UTC- Created 5/14/15 10:54 UTC



Ohio: May, 2015 Monthly Percent of Normal Precipitation
Valid at 6/1/2015 1200 UTC- Created 6/4/15 9:48 UTC



- ☐ Agriculture
- ☐ Business And Industry
- ☐ Energy
- ☐ Fire
- ☐ Plants And Wildlife
- ☐ Relief Response
- ☐ Society And Public Health
- ☐ Tourism And Recreation
- ☐ Water Supply And Quality



June 9th




Silver Snowflake Award- 2000 Daily Precipitation Reports

Congratulations to our new Silver Snowflake Award members! These individuals have reported over 2000 daily precipitation reports. You should receive your award certificate in the mail soon! Thank you for your daily dedication to CoCoRaHS!

OH-AT-6	OH-CM-2	OH-LR-2
OH-MD-1	OH-PT-10	OH-WN-1




Bronze Observer Award-1000 Daily Precipitation Reports

Congratulations to our new Bronze Observer Award members! These individuals have reported over 1000 daily precipitation reports. You should receive your award certificate in the mail soon! Thank you for your daily dedication to CoCoRaHS!

OH-AT-11	OH-CY-24	OH-CY-27	OH-GG-7
OH-MY-17	OH-MY-18	OH-OT-4	

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. Way to go!

   	OH-CM-9	OH-LR-4	OH-WS-4
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Spring 2015 Honor Roll

From March 1, 2015 through May 31 2015, 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-AL-5 OH-AS-2 OH-AS-4 OH-AT-1 OH-AT-5 OH-BT-17 OH-BT-18 OH-CB-2 OH-CC-1 OH-CN-10	OH-CK-1 OH-CW-3 OH-CY-4 OH-CY-16 OH-CY-24 OH-CY-27 OH-DL-8 OH-DL-10 OH-DR-1 OH-DR-7	OH-ER-11 OH-ER-18 OH-FF-9 OH-FR-3 OH-FR-8 OH-FR-23 OH-GG-4 OH-GG-7 OH-HD-18 OH-HM-5	OH-HM-13 OH-HR-2 OH-HY-5 OH-LC-10 OH-LR-8 OH-MD-2 OH-MY-5 OH-MY-17 OH-MY-18 OH-MY-34	OH-PT-8 OH-PT-12 OH-PY-1 OH-SC-4 OH-SD-2 OH-SH-14 OH-SH-15 OH-SM-4 OH-SM-5 OH-SN-1	OH-SN-3 OH-WD-14 OH-WL-5 OH-WR-14 OH-WR-15 OH-WS-4 
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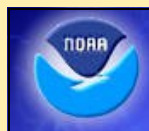


Newsletter

CoCoRaHS Collections
The Ohio CoCoRaHS Newsletter

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Because Every Drop Counts



Helpful Links for Ohio CoCoRaHS Observers

Obtain replacement or extra equipment from our official suppliers:

<http://www.weatheryourway.com/cocorahs/store.html>

<http://www.ambientweather.com/strgloteprra.html>

For information on Climate:

<http://www.geography.ohio-state.edu/faculty/rogers/statclim.html>

<http://www.cpc.noaa.gov/>

For Current Forecasts and Severe Weather Warnings:

<http://www.weather.gov>

For river information:

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

For drought information:

<http://droughtreporter.unl.edu/>


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

Summer Educational Fun

School is out for the summer for many across Ohio. Whether you are a parent looking for educational fun for your child over the summer, a teacher already looking at educational opportunities for the fall, or just a weather enthusiast wanting to learn more, there are several educational resources available on the CoCoRaHS website.

These different resources are found on the left side of the CoCoRaHS webpage and then by clicking on 'education.'


Of course reading your CoCoRaHS gauge is also a fun educational opportunity that lasts all year long!



COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK
"Because every drop counts"

Home | States | View Data | MapsMy Data | My Account | Logout

Education



A great benefit of CoCoRaHS is that it provides real science activities for the classroom. Over the last several years CoCoRaHS staff have worked with science teachers to develop a series of lesson plans and activities. These lesson plans are developed for a variety of grade levels and are built around CoCoRaHS's emphasis on measuring precipitation. Below, we also have a short list of teacher recommended educational resources on meteorology.

CoCoRaHS for Schools! Click here!

Teachers! Your class can participate in real hands-on science! Learn how the National Weather Service measures precipitation and how you and your class can help! Lesson plans that meet National Science Education Standards are available on the 'For Teachers' link found on this page.

4-H Lesson Plans:

Here are some lesson plans and activities that can be used in the classroom to teach children about the science of studying weather.

Educational Links:

A list of educational web sites recommended for teachers.

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- Donate

Resources

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- Videos
- Drought Impacts
- Evapotranspiration
- Volunteer Coordinators
- Mail Pad
- Distribution/Drop-off
- Help Needed
- Printable Forms
- The Catch
- Messages of the Day
- Publications
- CoCoRaHS Blog
- Web Groups
- State Newsletters
- Master Gardener Guide
- State Climate Series
- March Madness
- WxTalk Webinars