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### May 2022 Statistics

Total observers reporting	544
Observers with no missing reports	331
Percent of total	61
Average Daily Reports per Day	442
Max # of Daily Reports and Day	468 / 16
Significant Weather Reports	15
Condition Monitoring Reports	46
E-T Reports	203

As always, we'd like to start this section out by thanking everyone for their observations this month. We've seen a lot of you start back up in the last month, but are looking for just a few more that stopped reporting in the last few months to get back into the swing of things.

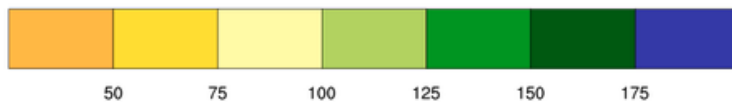
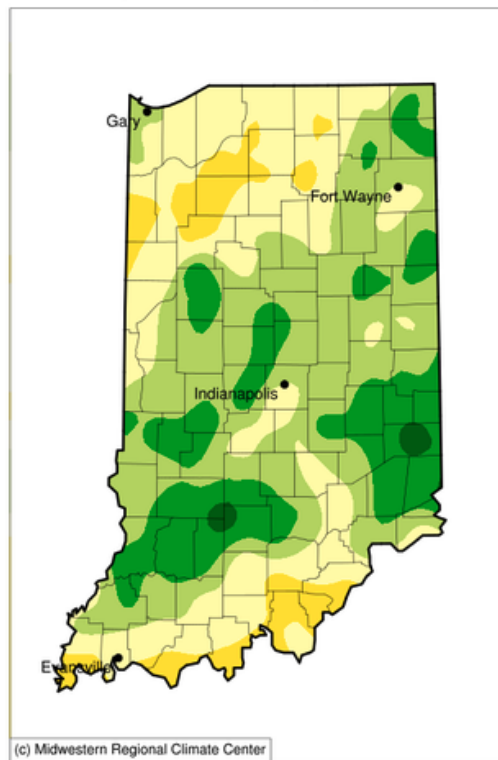
One huge accomplishment we made last year was getting several days with 500 daily reports and now that our total number of observers reporting is back over 500, we'd love to see more of those days this summer. Where you can, please report daily, whether it rains or not.

We'd also like to recognize the 1 new Indiana observer (Floyd County) that joined CoCoRaHS in the last month. Thanks for joining the team!

## May 2022 Precipitation in Indiana

May was drier or wetter than normal across Indiana -- depending upon where one looked. When storms passed through, they seemed to impact isolated areas instead of providing statewide precipitation during the event. The statewide precipitation was 4.96 inches, which was 0.18 inches above the 1991-2020 climatological normal for May. The map shown illustrates the percentage of the 1991-2020 normal precipitation for May 2022 indicating where the monthly precipitation was above or below normal. Of the CoCoRaHS observers who provided data every day, the greatest precipitation total for the month was 9.21 inches at MITCHELL 2.1 N (Lawrence County), whereas the lowest monthly precipitation total was 2.54 inches at GOSHEN 2.3 WNW (Elkhart County). Of those with *complete monthly records*, the maximum 1-day total was 3.40 inches on May 20th at MITCHELL 2.1 N (Lawrence County).

Accumulated Precipitation (in): Percent of 1991-2020 Normals  
May 01, 2022 to May 31, 2022



### Rain Gauge Parts

If your rain gauge had a rough winter and is showing signs of wear and tear, you don't have to mess with duct tape or glue to get your gauge through the summer. You can purchase replacement parts (e.g., outer cylinder, inner measuring tube, funnel, or bracket) without having to purchase the complete gauge. If your outer cylinder or inner measuring tube are cracked, or your funnel has a chunk missing, or your bracket breaks, go to <https://weatheryourway.com/collections.cocorahs-gauge->

[parts](#) to obtain replacements.

## We Need Your Condition Monitoring Reports

By Steve Hilberg and Beth Hall

With conditions getting hotter and drier, there is a greater need to hear from all of you the impacts you are seeing locally and whether those impacts are due to too much or too little precipitation. CoCoRaHS Condition Monitoring Reports (CMR) are a way to share this sort of information. The CMRs are a valuable resource for U.S. Drought Monitor authors, agriculture, natural resource managers, and others. They are pretty easy to do, and once you get into the habit (as with most things) it becomes second nature. The idea behind these is to describe the general moisture conditions at your location and the impacts, whether it is too dry or too wet. They don't (and shouldn't) need to be done every day. They are valuable when you can submit on a regular basis (weekly) so that users can see the changes occurring. We recommend submitting the CMR on Saturday or Sunday so that they are available for input into the Drought Monitor on Monday. However, any day of the week that works best for you would be greatly appreciated. These aren't just for when conditions change - it's also useful to know week-to-week if conditions are unchanging in your area.

### • Multi-Day Accumulation

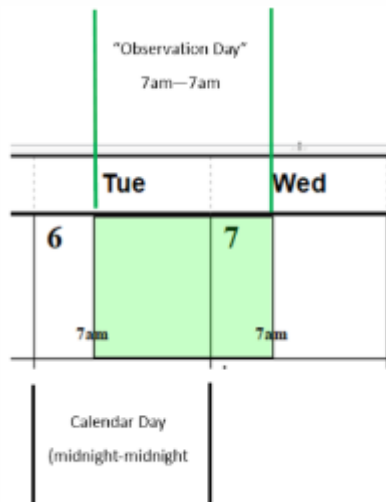
- [Hail](#)
- [Significant Weather](#)
- [Monthly Zeros](#)
- [Condition Monitoring Report](#)
- [Soil Moisture](#)
- [Evapotranspiration](#)



## Keep the Date Straight

by Steve Hilberg

The observation time and date are critical information associated with your measurement. We do not report precipitation for the calendar day it occurred, but for the "observation day" -- that is, the 24 hours between your observations (usually around 7:00 A.M. for most people). For example, if your observation time is 7:00 A.M., and rain falls on Tuesday afternoon, that rain has a report date of Wednesday at 7:00 A.M.



In order for the many users of CoCoRaHS precipitation data to have an accurate picture of precipitation patterns, the correct observation time and date are necessary to be sure that amounts can be compared across the same time period. When you are submitting more than one daily observation at a time (for example, when you haven't been able to access the Internet to enter them daily), be very careful as you submit them. Make sure that the amounts are for the correct date. If you are uncertain or get crossed up, you should check the CoCoRaHS map for your area to see if your amounts fit with others in your area. Date errors lead the list of most common quality control (QC) errors, so be sure to check and double-check your data.

### **If you Move or Change your Email Address**

If you are moving to a new home and want to continue to participate in CoCoRaHS, please let us know as soon as possible. Your observations are tied to a specific location, so we don't want observations from your new location associated with your previous location. The value of the observations is increased by their continuity at that location, so consider suggesting to the buyer or new tenant of your home that they participate in CoCoRaHS! We have a brochure that you can download, print and give to them.

When you know your new address, let us know. When you are ready, we will close your old station and open a new station at your new address (DO NOT sign up for CoCoRaHS again). Once that's done, you can enter observations from your new location. If you are moving to a different state, we can help you get in touch with that state coordinator so you can get started there.

Let us know if you change your email address so that your record is up to date. You can update your email address in the CoCoRaHS database yourself by logging in and clicking on My Account in the top line menu. Click on Edit in the My Information box. Make any corrections, then click save.

Please also send a message to [andrew.j.white@noaa.gov](mailto:andrew.j.white@noaa.gov) with the email change as well, so we can update your address on our newsletter mailing list. This list is maintained separately from the main CoCoRaHS database.



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