



**February 2022 Statistics**

Total observers reporting	482
Observers with no missing reports	305
Percent of total	63
Average Daily Reports per Day	395
Max # of Daily Reports and Day	428 / 15
Significant Weather Reports	9
Condition Monitoring Reports	23
E-T Reports	0
Max Daily Rainfall (County)	2.69" / Floyd

Warmer weather finally is on its way in! As we approach the warmer season, it's a great time to get the gauge back outside if you brought it in for the cool season. There will still be a few sub-freezing nights ahead, but once you're ready to report, we look forward to seeing your data again.

Over the cool season, we did have an uptick in errors with reports, so always do your best to ensure the right data is going into the right box. Thankfully, we're mostly done with any snow, but just because the number of boxes to fill out decreases, doesn't mean we should be less careful.

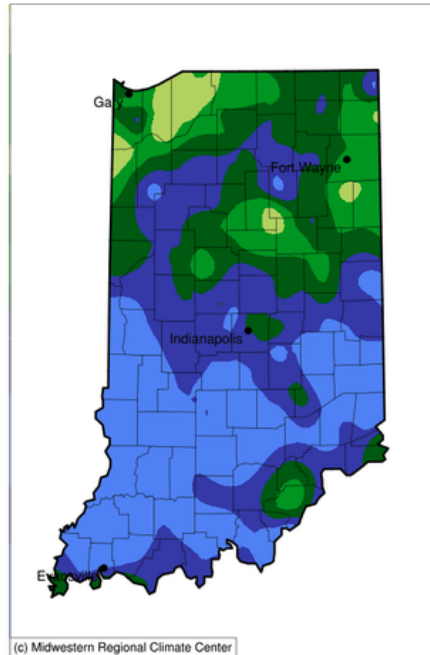
To the 10 new observers (Dubois, Howard, Jasper, Johnson, La Porte, Spencer, Tippecanoe, Washington, Wayne, and White counties), thanks for joining the team!

**February 2022 Precipitation in Indiana**

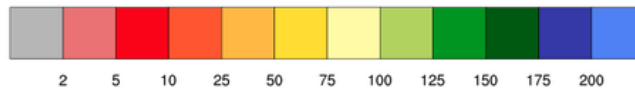
February was much wetter in Indiana than January was, keeping the state free from serious drought concerns for several months, now. The statewide precipitation was 4.48 inches, which was a full 2.0 inches above the 1991-2020 climatological normal. The map shown illustrates the percentage of the 1991-2020 normal precipitation for February 2022 where the entire state received more precipitation than what has been normal. Of the observers that provided data *every day*, the greatest precipitation total for the month was 8.29 inches at GALENA 3.0 SE (Floyd County), whereas the lowest monthly precipitation total was 1.99 inches at WARSAW 4.6 NNE (Kosciusko County). Of those with *complete monthly records*, the maximum 1-day total was 2.62 inches on February 18th at MILLTOWN 3.7 WSW (Crawford County).

**Accumulated Precipitation (in): Percent of 1991-2020 Normals**

February 01, 2022 to February 28, 2022



(c) Midwestern Regional Climate Center



**When You Have Nothing to Report**

by Steve Hilberg

If, for some reason, you don't make your observation a certain day, don't enter a zero report (unless you are sure there was no precipitation). We often see these in the middle of an area that has received widespread precipitation (those little white dots really stick out on the map). We have seen this in areas that have received snow. An observer didn't measure snow and did not or could not get out to measure the gauge contents, so they entered zero. Zero is a measurement, so entering zero implies that you made your observation. There is also no reason to enter a report if all the values are NA for a particular day, unless you have comments. Reports that are all NA and have no other information eventually are deleted from the database.

That being said, if you miss an observation, submit a multi-day accumulation report at your next regular observation to take care of the day you missed.

## Snow Water Equivalent -- What It Is and What It Is Not

By Steve Hilberg

For many years, observers have been confused about snow water equivalent, or SWE. You may have noticed the changes made to field names on the Daily Report form and the new [Glossary of Terms](#) that was written to describe these. The first step to understanding SWE is to read over this glossary.

What is SWE for your 24-hour new snowfall? It is the amount of water measured from melting a core of snow obtained from the snow on the ground at the depth of the 24-hour snowfall, measured to the nearest hundredth (0.01) of an inch. It is a separate measurement, not your gauge catch.

What is it NOT? It is NOT the gauge catch (the amount melted in your rain gauge). Yes, the precipitation may have been all snow, but the gauge catch measurement is not the snow water equivalent (SWE)! Wind, overflowing snow gauge, snow perched on the gauge, and other things may affect your gauge catch. If you haven't taken a separate core of snow and measured the melted water, then you have no SWE measurement. Leave that field "NA".

If you still have questions about snow water equivalent after viewing training, email [Andrew White](#).

## CoCoRaHS March Madness 2022

by Steve Hilberg and Beth Hall

As our brackets get busted or our teams survive onto the next round, our annual spring recruiting contest between all 50 states to see who can recruit the most new volunteers during the 31 days of March goes on. You may have been seeing more information about this year's CoCoRaHS March Madness in the Messages of the Day, and you can follow the daily results on the [2022 CoCoRaHS March Madness page](#). It's a great time to recruit friends, relatives, and even strangers on the street to become CoCoRaHS observers! To keep yourself engaged, be sure to view the [2022 CoCoRaHS March Madness trailer](#). Yes, we have a trailer, just like the movies.



## 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.



Andrew White ([andrew.j.white@noaa.gov](mailto:andrew.j.white@noaa.gov))  
Kyle Brown ([kyle.brown@noaa.gov](mailto:kyle.brown@noaa.gov))  
Beth Hall ([bethhall@purdue.edu](mailto:bethhall@purdue.edu))