



The Hoosier Observer

Indiana CoCoRaHS monthly e-newsletter

October 2019

September Statistics

Total observers reporting	435
Observers with no missing reports	220
Percent of total	50
Average Daily Reports per Day	321
Max # of Daily Reports and Day	373/23
Significant Weather Reports	9
Condition Monitoring Reports	88
E-T Reports	264
Max Daily Rainfall (County)	7.52 (Porter)

A fairly quiet month for Indiana outside of a significant rain event near the end of the month across northern Indiana. One thing we would like to improve on, going forward, is daily participation. We had 540 different observers report this month, but only averaged 321 reports a day. We're guessing most of those missing reports were on dry days. If you weren't aware, there's an easy tool to help put in those zeros at the end of the month and can be visited at the following link: <https://cocorahs.org/Admin/MyDataEntry/MonthlyZerosReport.aspx>.

If you have any questions about some of the other different types of reports that we have listed above, feel free to contact any of us and we'd be glad to explain how they work.

We'd also like to acknowledge the 8 new observers that joined CoCoRaHS in September. Thanks for joining the team!

September Precipitation in Indiana

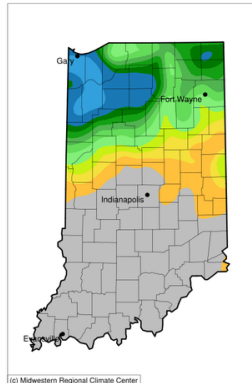
The September 2019 statewide precipitation was 2.24 inches, 0.93 inches below the 1981-2010 average. This is the third consecutive month with below-average statewide precipitation. In the southern two-thirds of the state precipitation ranged from 2 percent to 75 percent of normal with the driest counties in the southern quarter of the state. Precipitation was above normal across the northern third of the state, with totals exceeding the 200th percentile! As is typical during the summer there was a large range between the smallest and largest precipitation amounts across the state. Of the observers that provided data for every day, there were 2 observers (Jeffersonville 0.4 SE [Clark County] and Elizabeth 1.4 N [Harrison County]) who saw only 0.03 inches for the month! The highest September total was observed in Lake county (Winfield 1.2 NE) with 9.96 inches.

Your CoCoRaHS Observations Matter!

Going out every day to check a rain gauge may not be the most exciting moment in your day. However, your observations - even the zeroes! - make a huge difference to weather and climate monitoring! Below are two maps of precipitation for 28 September 2019. The map of the left includes data observations from the Cooperative Network. The map on the right includes the data from the map on the left PLUS data from CoCoRaHS observations around the state. Notice the increased detail when your CoCoRaHS data are included! This additional detail helps improved hydrologic models, forecasts, and our understanding of potential flood or drought development.

Only using observations from the Cooperative Network
Accumulated Precipitation (in)

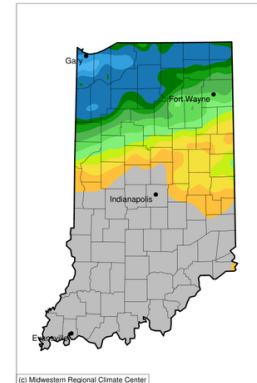
September 28, 2019 to September 28, 2019



0.01 0.1 0.25 0.5 1 1.5 2 2.5 3 4 5 6 8
Stations from the following networks used: COOP, Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 10/8/2019 1:25:44 PM CDT

Observations that include CoCoRaHS data
Accumulated Precipitation (in)

September 28, 2019 to September 28, 2019

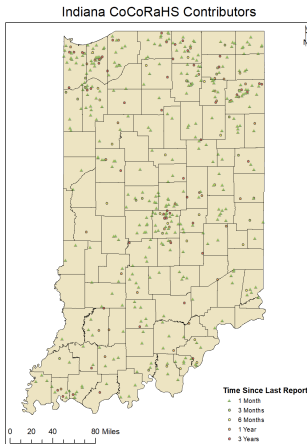


0.01 0.1 0.25 0.5 1 1.5 2 2.5 3 4 5 6 8
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 10/8/2019 1:16:29 PM CDT

Message of the Day

Those entering their observations on the web site always see the Message of the Day (MOD) after their observation is submitted. The MOD is used to convey observing tips and other interesting information to observers. Mobile app users have to choose to see the MOD after submitting their observation, and if you pass on that opportunity there was no way to go back and view the MOD. Well, now there is! Once you login, you can press the menu button on the top left side of the screen, and you will now see Message of the Day as one of the menu options. Select it to view the current Message of the Day.

Active and Once-Active CoCoRaHS Observers



Counties that could use some observers

Every observation counts and in a perfect world, there would be an observation from everywhere. Knowing that isn't very realistic, we'd be thrilled to get at least a few observations from every county! There are several counties in Indiana that didn't submit any observations in September. If you or someone you know lives in one of these counties, please contact us (emails are at the bottom of this newsletter) and we'd love to welcome a new observer or even give our best pep talk to a previous observer!

- Benton
- Fayette
- Franklin
- Jackson
- Knox
- Montgomery
- Parke
- Pulaski
- Scott
- Sullivan
- Switzerland
- Vermilion

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 are 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 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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