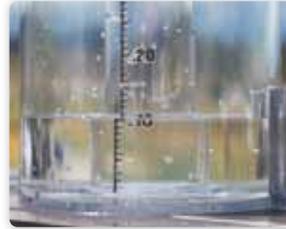


DATA ON THE WEB

Volunteers post their daily observations on the **CoCoRaHS** website, which are then immediately available to the public as maps and reports. The detailed, accurate measurements submitted by observers supplement existing networks and provide additional valuable data to scientists, resource managers and other users.

HOW COCORAHS CANADA HELPS

The high geographic density of precipitation observations through **CoCoRaHS** adds to other sources to provide a more robust weather dataset that can improve flood/drought monitoring in watershed management, municipal water supply and drainage issues, irrigation timing in agriculture and many other sectors. **CoCoRaHS** also serves as an excellent educational resource for teachers who want to engage their students with hands-on interactive learning about the environment.



Join CoCoRaHS

CoCoRaHS is a practical, enjoyable and useful activity. If you have an interest in weather and would like to help your local community, as well as scientists and others interested in precipitation, then **CoCoRaHS** is for you. It only takes a few minutes a day and gives you the chance to participate in real, hands-on science. You'll be amazed at what you learn as you become more aware of the variable weather that impacts you, your neighbours, your region and your entire country!

TO JOIN: visit: www.cocorahs.org/canada

THANKS

CoCoRaHS Canada is supported by various sponsors and collaborators across the country. To view a full list please visit the **CoCoRaHS** website.

FOR MORE INFORMATION, CONTACT:

Canada@cocorahs.org
1-855-999-8858



Find us on:



CoCoRaHS



*The Community Collaborative
Rain, Hail and Snow Network*



*Volunteers monitoring
precipitation across Canada
www.cocorahs.org/canada*

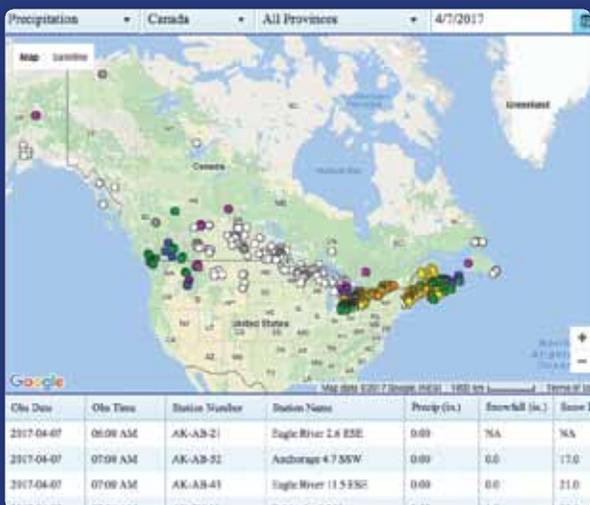
Because every drop counts!

The Community Collaborative Rain, Hail and Snow Network is a non-profit community based, high density network of volunteers who take daily measurements of rain and snow in their backyards.



PHOTO: HENRY REGES

Capturing the variability of rainfall.



Your daily observations are displayed on the CoCoRaHS maps.

A BRIEF HISTORY

CoCoRaHS Canada launched in Manitoba in 2011 after severe flooding prompted a desire for more detailed and geographically dense precipitation monitoring. It's now active in provinces and territories coast to coast.

CoCoRaHS originally began in the U.S., in 1998 at Colorado State University. In July 1997, a flash flood in Fort Collins, CO, caused \$200 million in damages. The storm left some parts of the city dry, while dumping more than a foot of rain on others. The University created **CoCoRaHS** to enhance the reporting and mapping of similar intense storms. The program captured a lot of interest and quickly expanded, growing nationwide by 2010.

VOLUNTEERS OF ALL AGES WELCOME



The foundation of **CoCoRaHS** is its network of volunteers. They are families and individuals of all ages, willing to spend a few minutes each day measuring and reporting precipitation. This is a citizen science project we can all help with.

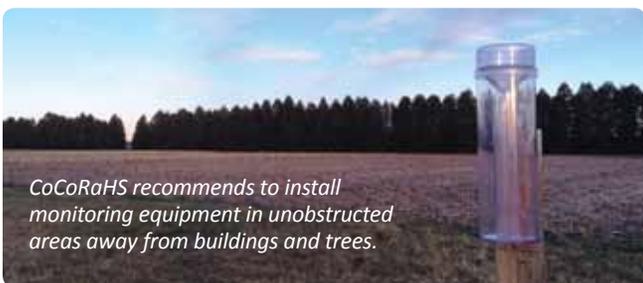
TRAINING: "THE KEY TO OUR SUCCESS"

Accurate and consistent reporting is crucial, so **CoCoRaHS** offers volunteers many different training options. They can learn at their own pace through online slideshows and videos that go over all aspects, from correctly installing instruments to properly measuring and sending precipitation reports.

In-person seminars are also held occasionally. The **CoCoRaHS Canada** staff is also ready and waiting to answer any questions.

WHY IS THERE SO MUCH INTEREST IN RAIN AND SNOW?

Precipitation is essential for life. It varies greatly with topography, storm type and season. It really is true that it may pour on one side of the street and be dry on the other. Snowfall may pile up in one neighbourhood and only dust another. Rain and snow are fairly easy to measure and the data collected is very important. Meteorologists, hydrologists, engineers, builders... you name it, everyone cares about rain and snow. And for some, like farmers, it is their very livelihood.



CoCoRaHS recommends to install monitoring equipment in unobstructed areas away from buildings and trees.

SIMPLE MEASURING TOOLS

Volunteers use high quality rain/snow gauges and snow rulers.

To learn more about CoCoRaHS Simple Measuring Tools please visit www.cocorahs.org/canada

Report your observations on the go with the **CoCoRaHS App**, available through android and apple devices.

