

WATERSHED WATCH

A Quinte Conservation Volunteer Program



ABOUT WATERSHED WATCH & COCORAHS

Precipitation distribution often varies within a region due to a variety of factors, and local variations may not always be observed by weather radar or satellite. To address the gap in precipitation monitoring, Quinte Conservation has created the Watershed Watch Program to supplement precipitation data through using daily observations made by volunteers.

The CoCoRaHS platform is utilized by the Watershed Watch Program for submission of volunteer observations. CoCoRaHS is the acronym for the

Community Collaborative Rain, Hail, and Snow network. It is an international non-profit, community-based system of volunteers who work together to measure and map precipitation.

The data provided by Watershed Watch volunteers to CoCoRaHS will be utilized for informing various stakeholders about the amount of water and its current dynamics in our local system. Watershed Watch volunteers submit their precipitation measurements directly to CoCoRaHS, providing weather updates for our local area.

BECOME A WATERSHED WATCHER

If you are interested in joining our volunteer network and collecting precipitation data, please sign-up through the CoCoRaHS website: www.cocorahs.org



2061 Old Highway 2, RR#2, Belleville, ON K8N 4Z2

quinteconservation.ca | (613) 968-3434 or (613) 354-3312 | info@quinteconservation.ca



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HOW TO INSTALL YOUR RAIN GAUGE

Your new rain gauge may be easily installed. Mount it on a post using the screws provided. For accurate readings the gauge must be located properly. Errors occur when the gauge is shielded from windblown rain by buildings, trees or other high objects. Make sure to place the rain gauge at a distance at least equal to the height of the obstruction. Another cause for error is wind. The closer the gauge is to the ground, the less the wind will interfere with your reading.

IMPORTANT INFORMATION

Remember to empty your rain gauge after each rainfall. Rain gauges may crack in sub-zero weather.

ABOUT QUINTE CONSERVATION

Quinte Conservation is one of Ontario's 36 conservation authorities and a member of Conservation Ontario. We operate under the *Conservation Authorities Act* and are governed by our municipalities and the provincial government.

Our mission is creating a sustainable ecosystem where people and nature live in harmony. Our natural boundaries include the drainage basins of the Moira, Napanee, and Salmon Rivers and all of Prince Edward County.

As a local watershed-based nonprofit environmental protection agency, we focus on protecting people and property from the dangers of natural hazards. One of our main roles is to provide flood forecasting and low water information to our 18 member municipalities within a 6,000 square-kilometer region.



FOR MORE INFORMATION

To learn more about our Watershed Watch volunteer program:

Email: info@quinteconservation.ca

Call: 613-968-3434

Visit: quinteconservation.ca/watershed-watch



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