



CoCoRaHS Precipitation Monitoring

Participating in a network of North American citizen scientists to collect and report precipitation data to the Colorado Climate Center at Colorado State University. The data is used by a wide variety of organizations and individuals.

PROJECT NUMBER

P200611
Initiated in 2020
Reviewed 7/31/2020

LOCATION

Elm Fork Chapter Service Area

ORGANIZATIONAL AFFILIATE

Colorado Climate Center at
Colorado State University

PROJECT MANAGER

Jim Gerber
jvgerber@gmail.com
972.365.8821

MAIN PURPOSE

Monitor, conserve, improve natural resources

ACTIVITIES

Field Research
Citizen Science

SUBJECT MATTER

Meteorology
Meteorology

CoCoRaHS (pronounced KO-ko-rozz), the Community Collaborative Rain, Hail and Snow network, is a citizen science project that is run by the Colorado Climate Center at Colorado State University.

CoCoRaHS data is used by a wide variety of organizations and individuals. The National Weather Service, other meteorologists, hydrologists, emergency managers, city utilities (water supply, water conservation, storm water), insurance adjusters, USDA, engineers, mosquito control, ranchers and farmers, outdoor & recreation interests, teachers, students, and neighbors in the community are some examples.

To participate in CoCoRaHS, all you need is the standard 4-inch diameter Stratus rain gauge, a computer or mobile device for logging your observations, and willingness to read your rain gauge at 7:00am daily. Training is available on the CoCoRaHS website, www.cocorahs.org.

VOLUNTEER PARTICIPATION AND SERVICE

Recruitment status	Actively recruiting new volunteers
Work environment	Work from home Outdoor, uncovered, subject to range of weather Restroom facilities available on site
Strength	No strength requirement
Use of tools/equipment	High capacity 4" diameter rain gauge
Motion	Mostly sedentary, limited standing or walking Walking, hiking on uneven trail for up to several miles

PROJECT WORK STRUCTURE

- Project work schedule** Project has year-round regularly scheduled work-days—Observations are to be made daily at 7 am
- Work location** The project observations are generally conducted at residential sites of participating volunteers

HOW TO VOLUNTEER FOR THIS PROJECT

- Where to find information** Chapter Website
- How to volunteer** Contact Project Manager
The project manager will assist you with locating precipitation measurement equipment, registering with the CoCoRaHS network, and providing VMS volunteer service posting instructions.
- Other** The only requirements to volunteer are the installation a high capacity 4” diameter rain gauge, an enthusiasm for watching and reporting weather conditions, and a desire to learn more about how weather can affect and impact our lives.