Welcome to the Alaska CoCoRaHS Newsletter!

This newsletter will discuss Autumn ‘21 updates to the Alaska Community Collaborative Rain, Hail, and Snow Network.

Thank you for submitting your daily precipitation reports! This newsletter’s purpose is to inform all of the volunteers about weather events in Alaska, and to talk about current events and opportunities.
Thank you!

We greatly appreciate our volunteers for taking the time to report their precipitation measurements to us!

A special thank you goes out to those who have been consistently reporting for the last few months, and some new observers:

| AK-AB-71 * | AK-AB-69 * |
| AK-AB-52 | AK-JB-11 |
| AK-AB-60 | AK-AB-21 |
| AK-JB-15 * | AK-FN-16 |
| AK-MS-21 * | AK-VC-6 |
| AK-PW-1 | AK-MS-14 |
| AK-AB-68 * | AK-AB-51 |
| AK-HB-3 * | AK-AB-43 |
| AK-FN-13 | AK-AB-62 |
| AK-AB-65 | AK-FN-19 |
| AK-PW-9 * | AK-FN-32 * |
| AK-KP-6 * | AK-HB-5 * |

Additional Support

We would also like to thank the Canadian Commission for Environmental Cooperation (CEC) and Local Environmental Observer (LEO) network for their support of CoCoRaHS Alaska!
Active/new observers (cont’d)

| AK-MS-19 | AK-HB-2 * |
| AK-MS-11 | AK-FN-29 |
| AK-AB-38 | AK-FN-15 |
| AK-FN-18 | AK-SF-3 |
| AK-FN-31 * | AK-MS-12 |
| AK-BC-4 | AK-AB-55 |
| AK-KP-3 | AK-HB-4 * |
| AK-MS-15 | AK-FN-33 * |
| AK-BB-1 * | |

* New observer as of Summer ‘21.
August: much of southwest AK and portions of the south central were relatively dry compared to average (over the last 30 years), and portions of the interior and the mountains around Yakutat were relatively wet.
**September:** Much of the south central and interior was dry. The only areas with relatively wet readings were the far southeast portion of the panhandle, extreme northwest AK, and portions of the eastern border with the Yukon.
Fact of Interest: Your CoCoRaHS obs become part of the NWS national climate database once you reach 100 obs (total) at your location!!!!

CoCoRaHS National Coordinator **Henry Reges** visited The Last Frontier during late August 2021.

- Met with Alaska Coordinators in Fairbanks, Anchorage and Juneau, as well as some observers from Talkeetna
- Visited schools, libraries and other public venues for CoCoRaHS recruiting
- Distributed CoCoRaHS brochures
- Got a birdseye view of the interior and south coastal during his tour
New Members in the vicinity of Haines
Thanks to Steve Wishstar and Erik Stevens of the Haines Science Center and the Haines Avalanche Center: setup of gauges and observations in the Haines area; station numbers AK-HB-2, AK-HB-3, AK-HB-4, AK-HB-5

Distribution of gauges in the Haines area was possible thanks to the Canadian CEC and LEO network.
From your login page, click on “My Account” on blue tabs near the top. You will see a list of the history of your Water Year totals (Oct. 1 – Oct. 31) for your years of observing. Simply click on the Report for a series of informational tables. The term “Water Year” comes from hydrology scientists, and represents the water season for 1 entire year of snowpack and melting. Here’s one example (abbreviated) from 2021:

This is an automated summary of the past year’s precipitation observations, including Total precipitation (at the bottom of the table), total obs counts by month, #days covered by multi-day obs, #days with precipitation, #traces, total snowfall, #days with snowfall, and #days with snow on the ground. There are also graphs with this info displayed by month, and a graph showing accumulated precip through the year.

Also listed are daily totals.
Continue to Spread the Word!

We need to recruit more observers, and to continue to train, for measuring precipitation in Alaska’s unique terrain!

Do you know someone in your community who is interested in weather and measurement? Please introduce them to CoCoRaHS and contact your CoCoRaHS coordinator, listed on page 12.

Thank you for your help!

Links:
- CoCoRaHS brochure
- CoCoRaHS “Wanted” Flyer
Reminders

**Please report zeros!** Recording no precipitation is just as important as recording any amount >0.

**Review Snow Training!** Snowfall measurement takes more patience and time than rainfall, but the CoCoRaHS website has plenty of resources in the “**Training Slideshows**” link on the left of the main page. Learn the use of the snowboard and having an extra outer gauge shell!
CONTACTS

Alaska CoCoRaHS State Coordinator:

Martin Stuefer
Alaska State Climatologist
Alaska Climate Research Center
University of Alaska Fairbanks
2156 Koyukuk Drive
P.O. Box 757320
Fairbanks, Alaska 99775
907-474-6477
mstuefer@alaska.edu

Anchorage Regional Coordinator:

Doug Wesley
NWS Alaska Regional Headquarters
222 W. 7th Ave
Anchorage, AK 99513
907-500-5890
douglas.wesley@noaa.gov

Southeastern/Panhandle Coordinators:

Kimberly Vaughan, Aaron Jacobs
National Weather Service
Juneau Forecast Office
8500 Mendenhall Loop Road
Juneau, AK 99801
907-790-6824
kimberly.vaughan@noaa.gov
aaron.jacobs@noaa.gov

Fairbanks Regional Coordinator:

Erin Billings
National Weather Service
UAF-Akasofu Building
Post Office Box 757345
Fairbanks, AK 99775-7345
(907) 458-3708
erin.billings@noaa.gov

HELP MEASURE RAIN and SNOW

Join other “Citizen Scientists” across Alaska as they measure rain and snow at their locations.

Once a day... it only takes five minutes. Your observation can make a real difference.

www.cocorahs.org