



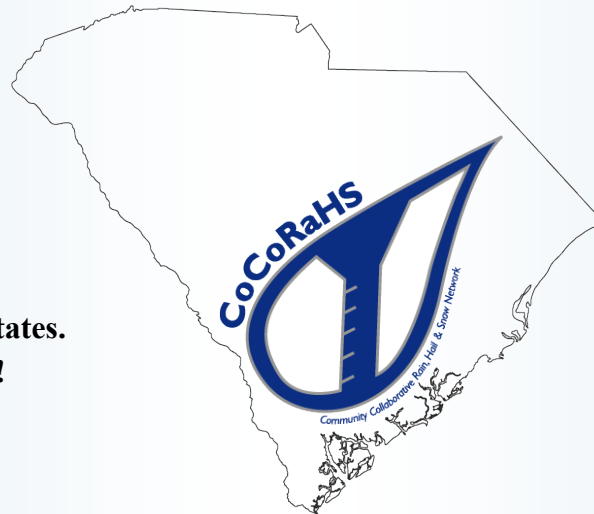
CAROLINA COCORAHS



Welcome!

We are excited to introduce the first edition of the South Carolina state CoCoRaHS newsletter. The purpose of this publication is to keep South Carolina residents informed about the latest seasonal weather events and how observers like you help fill in a piece of the weather puzzle that affects all South Carolinians.

We plan to issue this newsletter quarterly and eventually expand to include North Carolina since many of our National Weather Service Offices cover parts of both states. We'd love to hear from you!



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CoCoRaHS Milestones

Over 4 years have passed since the first CoCoRaHS observation was taken here in South Carolina. 85 volunteers have been diligently taking observations since the beginning in 2008, with 38 reporting at least 95% of the days. These observers deserve a special round of appreciation. One devoted observer, Yemassee 7.6, hasn't missed a day since they first joined March 15, 2008.

Thanks to all observers, over 229,600 daily reports have been entered on the SC CoCoRaHS website to date. Keep up the amazing job!

Focus areas for improvement include our ratio of observers who join, but don't regularly take observations. Out of 511 registered observers, only about 40% regularly take observations. We also have 8 counties with less than 3 observers. If you know someone who is interested in weather and may be willing to make the commitment, please encourage them to get involved in CoCoRaHS. Together we can continue to make CoCoRaHS a valuable resource for weather enthusiasts young and old, amateurs and professionals alike. Thank you for all your hard work and dedication. Don't hesitate to contact us if you have any questions or comments.

Thank you, Hope Mizzell (MizzellH@dnr.sc.gov), SC State Climatologist & CoCoRaHS State Coordinator

CoCoRaHS March Madness Results

South Carolina placed 4th during the CoCoRaHS March Madness volunteer recruiting contest. During the 31 days of March all 50 states compete to see who can recruit the most new volunteers.

The contest is based on traditional count and a population weighted count.

We placed 4th in both counts, by recruiting 45 new observers which is 9.73 based on the per capita count!

Statewide — By the Numbers

Number of Active Observers	511
5 Counties with the Highest Number of Active Observers (in descending order)	Horry, Lexington, Charleston, Spartanburg and Greenville
Counties with Under 3 Active Observers	Abbeville, Allendale, Chester, Chesterfield, Dillon, Lee, Marlboro and Williamsburg

We would like to recognize the 17 observers across the state who reported every single day last year and express our gratitude for their level of commitment. The contribution that these observers have made to this collaborative effort is extremely notable. Thanks for never taking a break - even when the **weather does!**

Never Missed a Day in 2011

Thank you for your dedication!

- Bluffton 2.4 NNW
- Yemassee 7.6 NE
- Pickens 1.5 WSW
- Charleston 2.8 NE
- Travelers Rest 8.9 N
- Summerville 3.3 NE
- Boiling Springs 0.9 ENE
- Moncks Corner 3.0 SW

- Trenton 6.3 SSW
- Gaston 3.8 W
- Kingstree 7.9 NW
- Lexington 2.9 NE
- Seneca 1.4 E
- Lowrys 3.6 ENE
- Pickens 6.9 W
- Lyman 5.3 WNW
- Taylors 4.6 N

SC CoCoRaHS March-May Rainfall Summary

Many CoCoRaHS stations measured rainfall totals exceeding 12 inches this spring.

Highest totals for sites that reported 100%

Pickens 1.5 WSW	16.23"
Lyman 5.3 WNW	16.10"
Conway 6.2 E	16.04"
Summerville 3.3 NE	14.96"
Walterboro 3.0 NNW	14.88"
Surfside Beach 1.0 NE	14.38"
Canadys 0.4 NW	13.59"
North 0.3 W	13.40"
Bennettsville 3.8 SE	13.39"
Yemassee 7.6 NE	13.02"
Pickens 6.9 W	13.02"

Heaviest 24-hour rainfall amounts

Murrells Inlet 1.8 NE with 7.55" on May 17

Greatest amount for Midlands:

North 0.3 W 13.40"

Greatest amount for Northeast:

Conway 6.2 E 16.04"

Greatest amount for Southeast:

Summerville 3.3 NE 14.96"

Greatest amount for Upstate:

Boiling Springs 0.9 ENE 16.88"

Least amounts with 100% reports :

Iva 5.2 SSW 6.67"

Chapin 1.4 S 7.46"

Lexington 2.9 NE 7.78"

Don't Forget to Enter Those Helpful Comments Like These Below...

3/25/2012 Pea size hail began falling at 5:54pm. Lasted for about 4 minutes. Tega Cay 1.1 N

3/4/2012 Rained all day. My backyard is a swamp. Summerville 3.7 NW

4/1/2012 Hail (10-15 mm diameter) between 6:40 and 6:55 PM Greer 3.8 SW

4/7/2012 Frost this morning Loris 1.4 ENE

5/5/2012 SC-BF-2 Hilton Head Island 4.0 N Hot, humid, dusty. Drought intensifying.

*5/29/2012 Thank you Beryl! Wind was a bit rough on garden, but moisture is much appreciated
McClellanville 0.5 ESE*

Intense Precipitation Reports

In the case of very heavy rain, usually defined as a third of an inch in 20 minutes, please remember to submit an **Intense Precipitation Report**. This aids the National Weather Service with issuance of products such as flood warnings and statements. Please do not wait until the next morning's report to mention intense rainfall. Extremely heavy rain can cause dangerous flash flooding conditions and other hazards. If you experience very heavy rain, or notice any localized flooding or a drastic reduction in visibility, please report your amount as intense precipitation. Thank you!

CoCoRaHS Observers: The Few, the Proud, The Needed



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Local County Coordinators Needed!

We are currently seeking "local county coordinators" in many counties. If you are interested in becoming involved with CoCoRaHS as a "local county coordinator", please contact your regional coordinator or our national coordinator, Henry Reges (hreges@atmos.colostate.edu). Click here to view a list of ["local coordinator duties"](#).