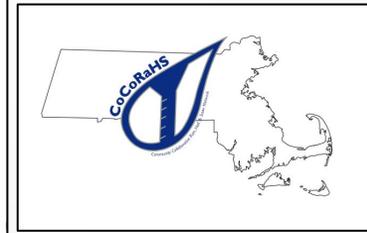
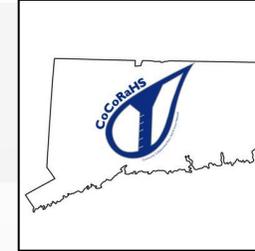




Community Collaborative Rain, Hail,
and Snow Network

CoCoRaHS Needs You!



Participate in Citizen Science

All are welcome!

Observing and reporting rainfall is a great activity for the entire family. All you need is a rain gauge to get started.

Learn to read the gauge, report using decimals, observe the weather, calculate monthly totals, and more!



For More Information, Contact:
Joe DelliCarpini, SNE CoCoRaHS Coordinator
Joseph.Dellicarpini@noaa.gov
(508) 622-3324

Interested?

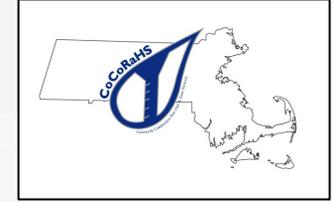
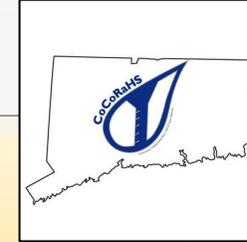
[Click Here to Sign Up & Become an Observer!](#)

Find Out More!

www.cocorahs.org



Southern New England CoCoRaHS



Your Reports:

- Are used to help NWS issue Flood Warnings
- Are a key part of drought assessment for CT, MA, and RI
- Help assess critical fire weather conditions in spring
- Are used by researchers to help understand changes in rainfall and snowfall patterns



NWS Form E-5 (04-2009)
 (PRES. BY NWS Instruction 10-924)

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

TO: Hydrologic Information Center, W/O531
 NOAA's National Weather Service
 1325 East West Highway
 Silver Spring, MD 20910-3283

U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE
 Boston/Norton MA
 REPORT FOR: MONTH YEAR
 June 2020

SIGNATURE
 Nicole M. Belk
 Senior Service Hydrologist
 DATE
 August 18th 2020

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rise stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

An X inside this box indicates that no flooding occurred within this hydrologic service area.

June rainfall was below normal across the majority of southern New England. Rainfall totals ranged from 1.25 to 3 inches across the majority of the region. These totals ranged from below normal. Higher rainfall totals of 3 to 6+ inches were noted from extreme northern portion of MA, northeastward to the Boston area, and into a portion of southeast MA. 1 inch below normal to greater than 1 inch above normal.

Temperatures averaged 1 to 3 degrees above normal for the month. More details for precipitation sites in the area are provided in Table 1. Maps 1 and 2 provide more details on rainfall from normal across the area. Map 3 depicts the temperature departure from normal for the month.

There was one very significant flood event within NWS Boston/Norton's Hydrologic Service Area. The most notable impacts occurring in Norwood MA.

RI 1 month August 2020	Rainfall	Departure	Percent	Normal
Northwest	2.36	-1.97	55	4.33
Northeast	2.00	-2.13	48	4.13
Central West	2.04	-1.98	51	4.02
Central East	1.64	-1.96	46	3.60
Eastern	1.62	-2.18	43	3.80
Southern	1.43	-2.93	33	4.36
New Shoreham	2.97	-1.39	68	4.36

RI 2 month Jul-Aug 20	Rainfall	Departure	Percent	Normal
Northwest	3.86	-4.80	45	8.66
Northeast	4.09	-4.17	50	8.26
Central West	4.15	-3.89	52	8.04
Central East	3.52	-3.68	49	7.20
Eastern	2.91	-4.69	38	7.60
Southern	3.36	-5.36	39	8.72
New Shoreham	3.62	-5.10	42	8.72

Significant Weather Report

Station Number: MA-NF-1
 Station Name: Norwood 1.3 NW
 Date: 6/28/2020 5:35 PM
 Submitted: 6/28/2020 5:44 PM
 Notes: Most of the rain fell between 4 and 5 PM. Typical street flooding here, but in downtown Norwood there is significant flooding of typical flood prone areas. Still raining but not nearly as hard as earlier.
 Taken at Registered: True
 Location:
 Precip Duration: 240 Minutes
 New Precip Amount: 4.32 in.



Southern New England CoCoRaHS

Reporting Is Easy!

Precipitation Report Form Submit Reset

Station Number : MA-NF-1

Station Name : Norwood 1.3 NW

* Denotes Required Field

2/13/2019 *Observation Date

7:00 AM *Observation Time

0.46 in. *Rain and Melted Snow to the nearest hundredth inch that has fallen in the gauge during the past 24 hours, or T for trace, or NA for unknown.

Observation Notes: (This will be available to the public)

Rain began around 8 PM last night and ended just before sunrise.

New Snowfall

in. Accumulation of new snow in inches to the nearest tenth

in. Melted value from core to the nearest hundredth

Total Snow and Ice on Ground at Observation Time

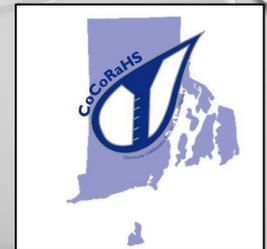
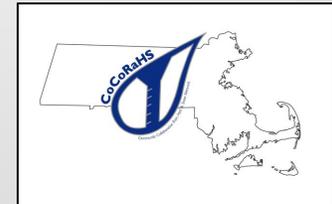
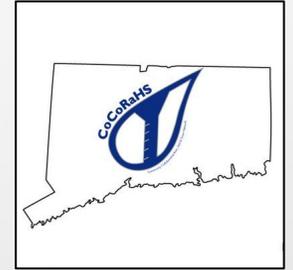
in. Depth of total snow and ice (new and old) in inches to the nearest half inch

in. Melted value from core to the nearest hundredth

Report your information online...



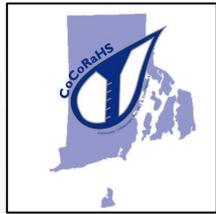
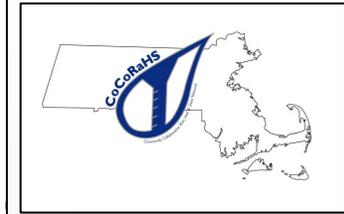
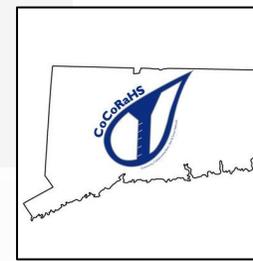
Or by mobile app!



Reading your rain gauge and reporting only takes a few minutes a day. You can report every day or as often as you like! Multi-day reports can be submitted too.



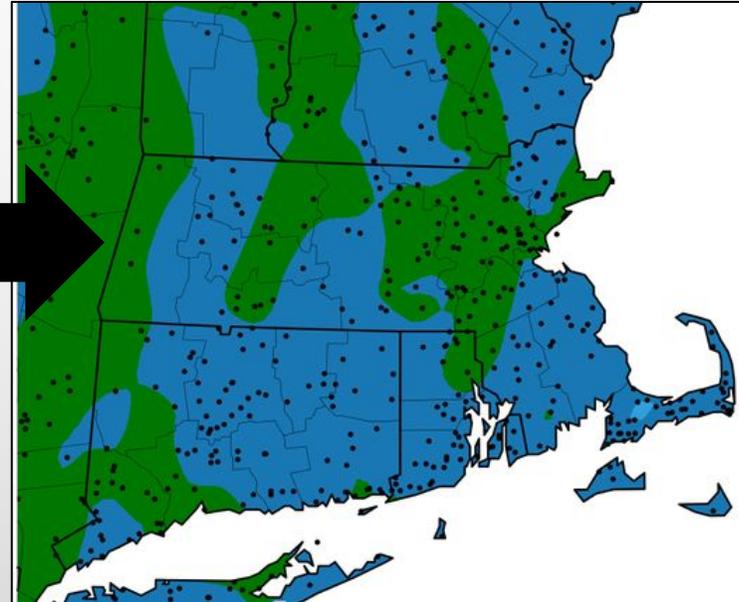
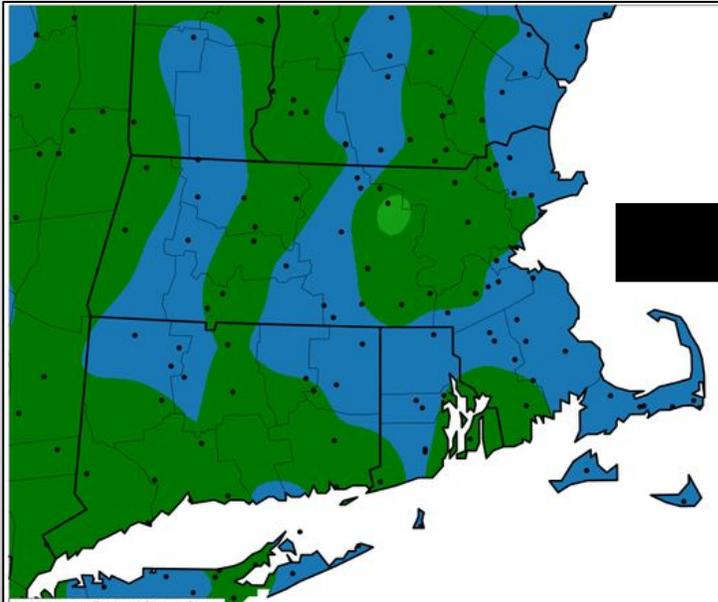
Why CoCoRaHS?



We Don't Live at the Airport!

Without CoCoRaHS

With CoCoRaHS



Automated stations at airports can't capture the added detail provided by CoCoRaHS observers.



Southern New England CoCoRaHS

It's Easy to Join!

1. Sign Up at:

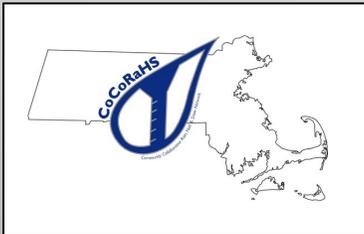
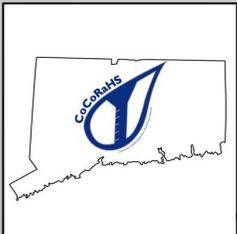
www.cocorahs.org

2. Get a rain gauge

3. Set up the gauge

4. View online training

5. Start reporting!



GO FOR THE CYCLE WITH CoCoRAHS!



SIGN UP www.cocorahs.org



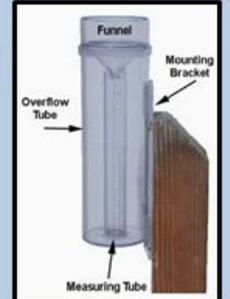
BUY A RAIN GAUGE



Weatheryourway.com
Ambientweather.com



INSTALL YOUR RAIN GAUGE



REVIEW ONLINE TRAINING



Slide shows or YouTube videos



START REPORTING



Online or Smart Phone App



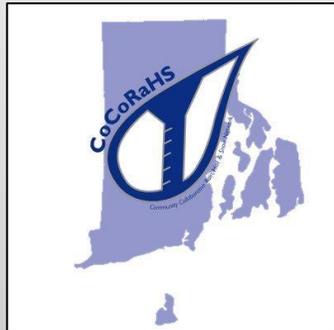
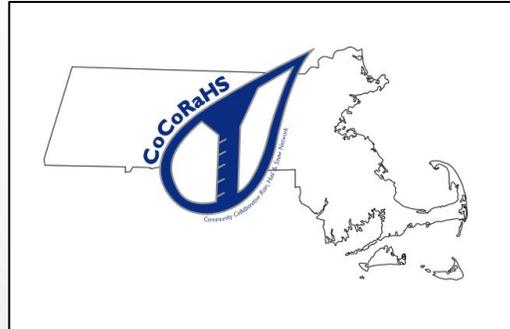
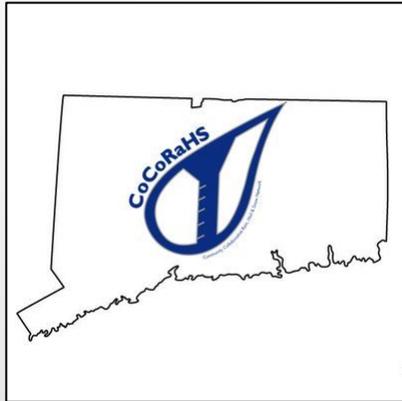
KEEP REPORTING!





Southern New England CoCoRaHS

One small measurement to make...



One giant impact that measurement makes upon the millions that depend upon water.

The Collaborative, Community, Rain, Hail, and Snow Network