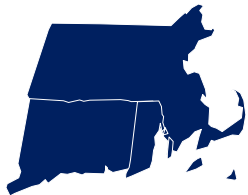


Community Collaborative Rain, Hail & Snow Network



**Southern** 

The word 'Southern' is written in a large, bold, black font with a yellow-orange glow effect. To its right is a colorful illustration of autumn harvest items, including pumpkins, gourds, and baskets of produce.

**New England**

The words 'New England' are written in a large, bold, black font with a yellow-orange glow effect, matching the 'Southern' text above.

**November 2020**

The Zeros of September are a thing of the past, and the rains returned in October. Finally, a month with a normal amount of precipitation.

We started off the new Water Year begins with more broken Single Month reporting records. Congratulations to Connecticut and Massachusetts and Rhode Island for breaking their Single Month reporting records, which translates to a 3-state record total now over 12,700 Daily Reports.

A single day reporting record broken. With the rains, the Comments grew in numbers as well. And most of us saw our first measurable snow in late October. Please continue to make a snow fall and snow depth measurement with each of your Daily Reports.

Take a look at your own [Water Year Summary](#). Included is some trivia about our own

Within this month's Newsletter: We lead off with The Grand List Observers. More observer tips. And Joe tells us more about Condition Monitoring Reports. Let's get into it.

## **The “Grand” List**

Congratulations to all of these observers from our three states who have recently passed a milestone of 1000 Daily Reports.

### **2000 Daily Reports**

MA-PL-15     Abington 1.2 NNE

### **1000 Daily Reports**

MA-MD-104     Littleton 2.8 NNW  
MA-BR-37     Westport 0.9 ESE  
MA-FR-21     Millers Falls 0.2 SW

# **Condition Monitoring Reports During Winter**

Joe DelliCarpini – Science & Operations Officer, NWS Boston/Norton MA

Condition Monitoring Reports (CMRs) are useful to help understand the impacts of drought during the warmer months. Did you know that they are also important during the winter? CMRs help assess potential flood conditions, especially during the snow melt season, but also help identify ongoing drought conditions as we head into the spring.

What should you report during the winter? Report what you observe! What impacts are you seeing from the precipitation? Some things you can include are:

- Snow cover (or lack of snow cover!)
- Is the ground frozen? That's important to know since it enhances runoff from heavy rain
- Is there ice on nearby streams, rivers, ponds, or lakes?
- Anything else you feel is important for others to know about

How often should you report? As we like to say "One report A Week Is All We Seek!" Try to submit a CMR once a week, preferably over the weekend or on Mondays so the data can be used by the authors of the U.S. Drought Monitor as they being their weekly analysis.

How do you submit a CMR? It's easy!



Once you log in, go to "My Data" at the top of the CoCoRaHS web page.

Click on "Condition Monitoring Report" under the "Enter My New Reports" menu on the left.

### My Data Entry : Condition Monitoring Report Form

**Condition Monitoring Report Form** Submit Data Reset

Station Number : MA-NF-1

Station Name : Norwood 1.3 NW

Condition monitoring reports are submitted on a regular (weekly, biweekly, monthly) basis to share information about the effects of local precipitation on the environment and society. By submitting reports on a regular basis, you create a baseline to see change through time, such as seasonal differences or changes caused by more or less precipitation. Please refer to the [Condition Monitoring training slide show](#) for more information.  
*\* indicates required field*

Report Date \*  
11/9/2020

**Condition Scale Bar** [More information on the scale bar](#) Clear Scale Bar

Severely Dry	Moderately Dry	Mildly Dry	Near Normal	Mildly Wet	Moderately Wet	Severely Wet
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Description**  
Please provide a description of how dry, normal or wet conditions are affecting you, your livelihood, your activities, etc. \*

**Report Categories**  
Please check at least one report category. If you check a category, please provide supporting information in the description. [More information on condition monitoring categories.](#)

- General Awareness
- Agriculture
- Business & Industry
- Energy
- Fire
- Plants & Wildlife
- Relief, Response & Restrictions
- Society & Public Health
- Tourism & Recreation
- Water Supply & Quality

Submit Data Reset



Fill out the report form shown above. If you need help, click on the links in the form.

If you would like more comprehensive training information, go to the [CoCoRaHS web page](#). There is also [regional guidance for the Northeast](#). If you still have questions or need help, contact Joe

([Joseph.Dellicarpini@noaa.gov](mailto:Joseph.Dellicarpini@noaa.gov)) or Matt ([matt.spies@att.net](mailto:matt.spies@att.net)).

## **News Items**

**Water Year Summaries:** In Nolan's last newsletter, he spouted off a bunch of trivia about the network's Water Year Summary. It does make you wonder where Nolan got all of that from, doesn't it. 😊

Time for trivia about our own [Water Year Summaries](#)

563 stations submitted at least 1 report in the 2020 Water Year, spanning from Oct 2019 to Sep 2020.

116 stations (21%) covered 366 days. 229 stations (41%) covered more than 360 days. 290 stations (52%) covered more than 290 days. 136 stations (24%) are new to the crew. All of these %'s are higher than the network average and are more impressive with the strong number of new stations. 15% of the stations being new is a good break-even point and ours at 24% is much higher.

With more than 360 days covered, our highest precip total was CT-NL-29 East Lyme 0.5 SW with 55.71" 25 stations with less than 40" total. That's dry. 180 days of precip with MA-BA-22 Yarmouth 0.9 NNW. 71.2" snowfall from MA-WR-22 Fitchburg 2.0 NNE. MA-HS-7 Plainfield 2.2 SW with 54.39" of precip, 144 days of precip, 70.8" of snowfall, 42 days of snowfall and 107 days of snow on the ground, and total SWE reports, too!

**Single Month Records:** Like a broken record, we keep breaking our area's single month records. Congratulations to all!!

- ✓ Daily Reports per day: 411
- ✓ Single day record of 448 reports on October 17<sup>th</sup>
- ✓ Daily Reports in Connecticut, Massachusetts and Rhode Island
- ✓ 2,443 Comments. That's a record we can keep breaking.

And leading the entire network with:

- ✓ The highest % of snow depth reports. 29% of last October's Daily Reports had a snow depth report. 33% of this October's Daily Reports had a snow depth report. Thank you for committing to Snow Depth Reports in October.

## **Observer Tips**

**Focus on the Gauge Catch:** Our first snow happened in late October. Mistakes tend to happen with reporting, so please be careful with all of your reported values.

As you keep a running total of precipitation, and you want to make our long list of stations each month, remember this: **Focus on the Gauge Catch.** Find the liquid contents of what fell in your gauge and report that value, and **report that value as the 1<sup>st</sup> reported value**, as you do with your rainfall measurements throughout the year.

Two ways to find the liquid contents of your gauge.

- **Way #1)** Add in a measured quantity of hot tap water. Let the snow melt completely. Pour out and measure the contents of the water. SUBTRACT the measured quantity of hot tap water. The remaining amount is what you report in the 1<sup>st</sup> value on the reporting form.

For new snowfall less than 5", about 0.50" of hot tap water works well, and usually keeps the contents under 1.00"

For snow greater than 5", start with 1.00" of hot tap water. Continue to add additional measures of 1.00" until the snow completely melts. Pour. SUBTRACT. Report the remaining amount.

- **Way #2)** A weigh scale. You MUST know the tare weight of your outer cylinder (around 460g-480g), a label with its precise weight on its side or bottom helps. You MUST know the equivalent measure of water. In our 4" diameter gauges, that equivalent is 201g = 1" Got a scale that measures in pounds and ounces? Go for it. Be precise. Subtract the tare weight of the outer cylinder. Do the division of 201g:1". Report the liquid contents of your gauge.

Throughout the winter, keep the **Focus on the Gauge Catch.**

**Timing!** The earlier you report, the more people see and make use of your report. Seems obvious, but true. The Forecast Office gets a feed of your reports around 9AM. Many of us are poking around the maps and tables of reports in the morning as well and reading your Comments. Your snow reports end up the National Snow Database. Your reports are used and are valued.

Comparing the obs date and entry dates from October's reports: 59% of our Daily Reports were submitted on the same day and before 9AM, and 83% of our Daily Reports were submitted on the same day. Although, these are slightly better than the network average, when you skip a day from reporting, another problem comes up and that is with this next topic...

**MultiDay Reports!** The Zeros of September are gone and the precip has returned. When you skip a day or more from reporting, be careful, detailed, and accurate with the use of Multi-Day Reports. Get the start date and end date correct, and as always, pay attention to your reported amount. These details spell the difference between keeping your record complete and not keeping your record complete.

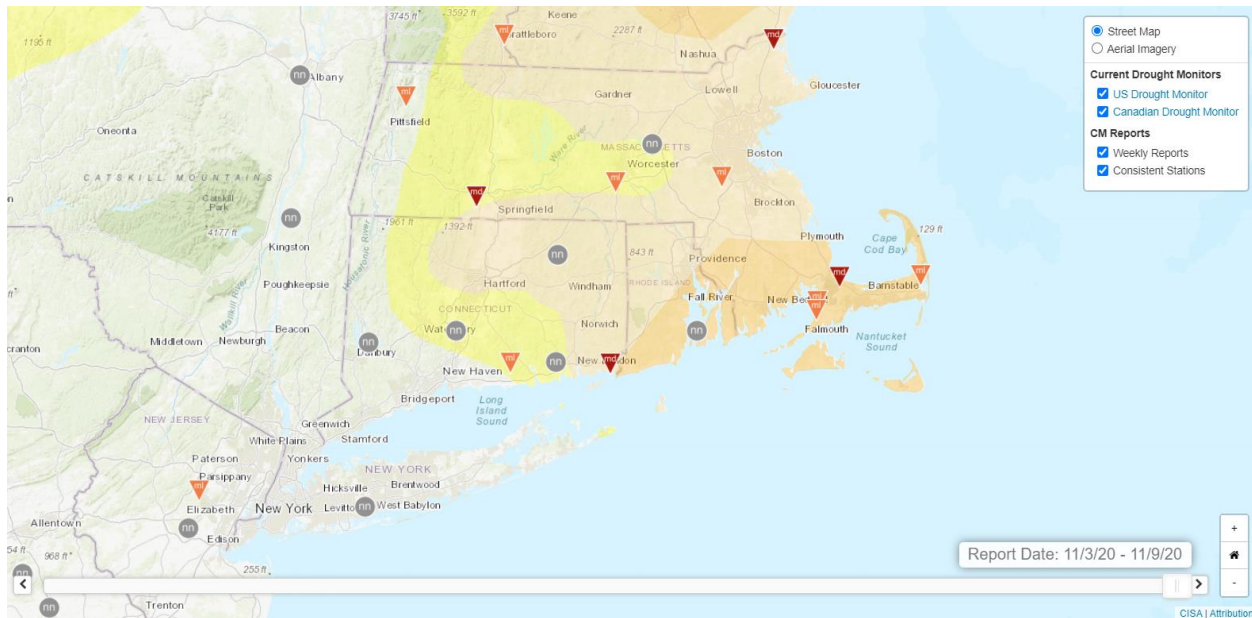
**Significant Weather Reports:** Real time reporting that can alert your local NWS Forecast Office within a minute. If there is something urgent you want to share about the weather, here are our reporting criteria

- **1" or more of rain or snow in 1 hour or less.**
- **2" or more of rain.**
- **Flooding.**
- **3" of new snow. Change of precip type. Snow total**
- **Anything you feel is significant... or urgent!**

**mPING app for Apple and Android:** For whatever meteorological phenomena comes our way, use mPING someday. Fog is under "Reduced Visibility. Rain. All of the different winter precip types. Give it a try.

**Condition Monitoring Reports:** Droughts do not take the winter off!  
Keep watch over conditions where you are!

One report a week is all that we seek. Develop a reputation of being a  
Consistent Station by submitting over 20 reports in a 52-week timeframe.



**nn Jamestown 0.3 SSE**  
Sat Nov 07 2020

Lawn is still green but not growing much. Garden is done for the season. There are still a lot of green leaves, mainly Norway Maples. Seasonal stream is flowing slowly.

RI-NW-18 -- General Awareness, Plants And Wildlife

**nd Newburyport 0.4 NNW**  
Sat Nov 07 2020

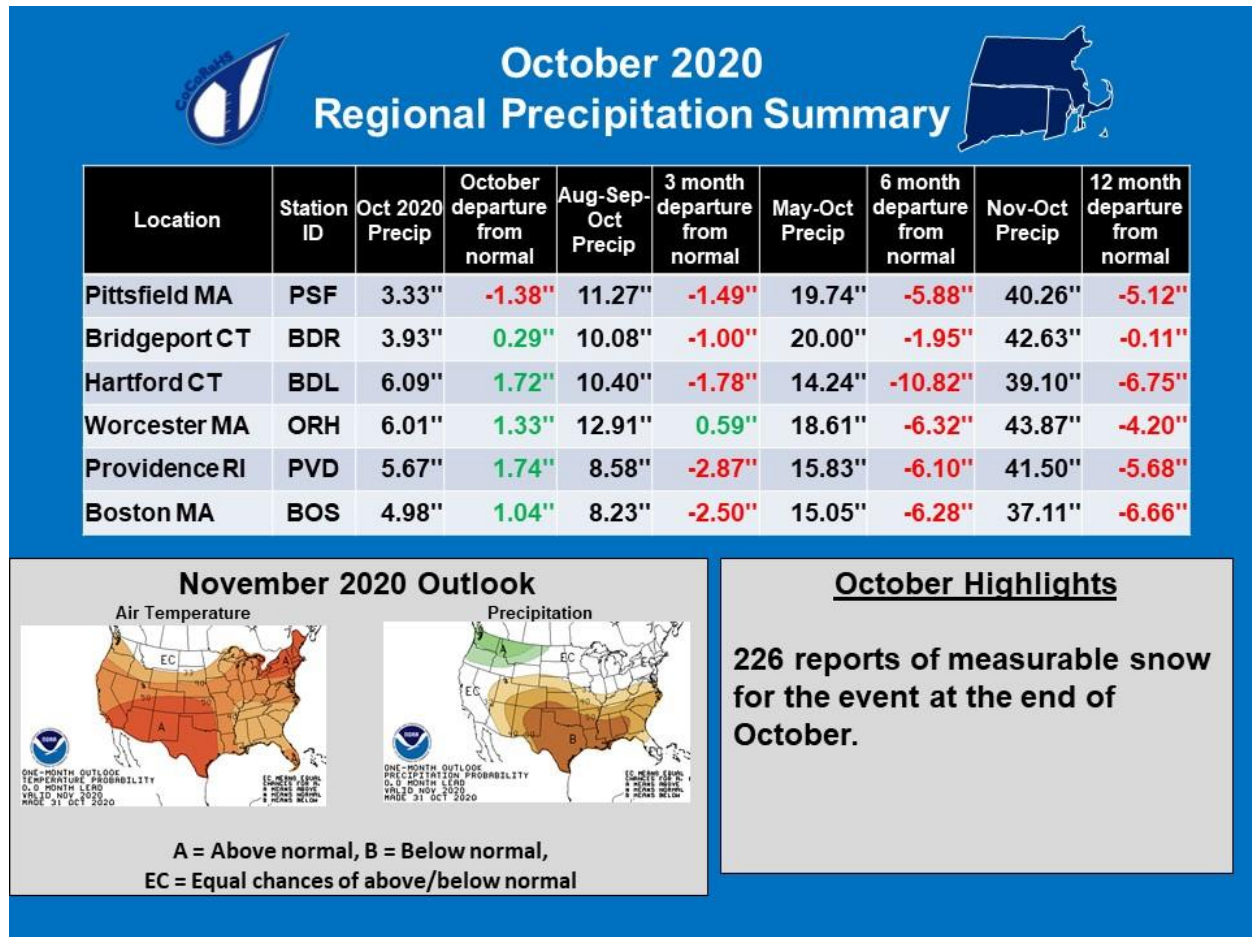
.52 inches of rain in the last week. Streams, ponds and reservoir are still low or dry. Plants are becoming dormant so hard to tell if they are effected.

MA-ES-64 -- General Awareness, Water Supply And Quality



# Detail and Summary for October 2020

From the National Weather Service (NWS) Climate sites for Oct 2020.

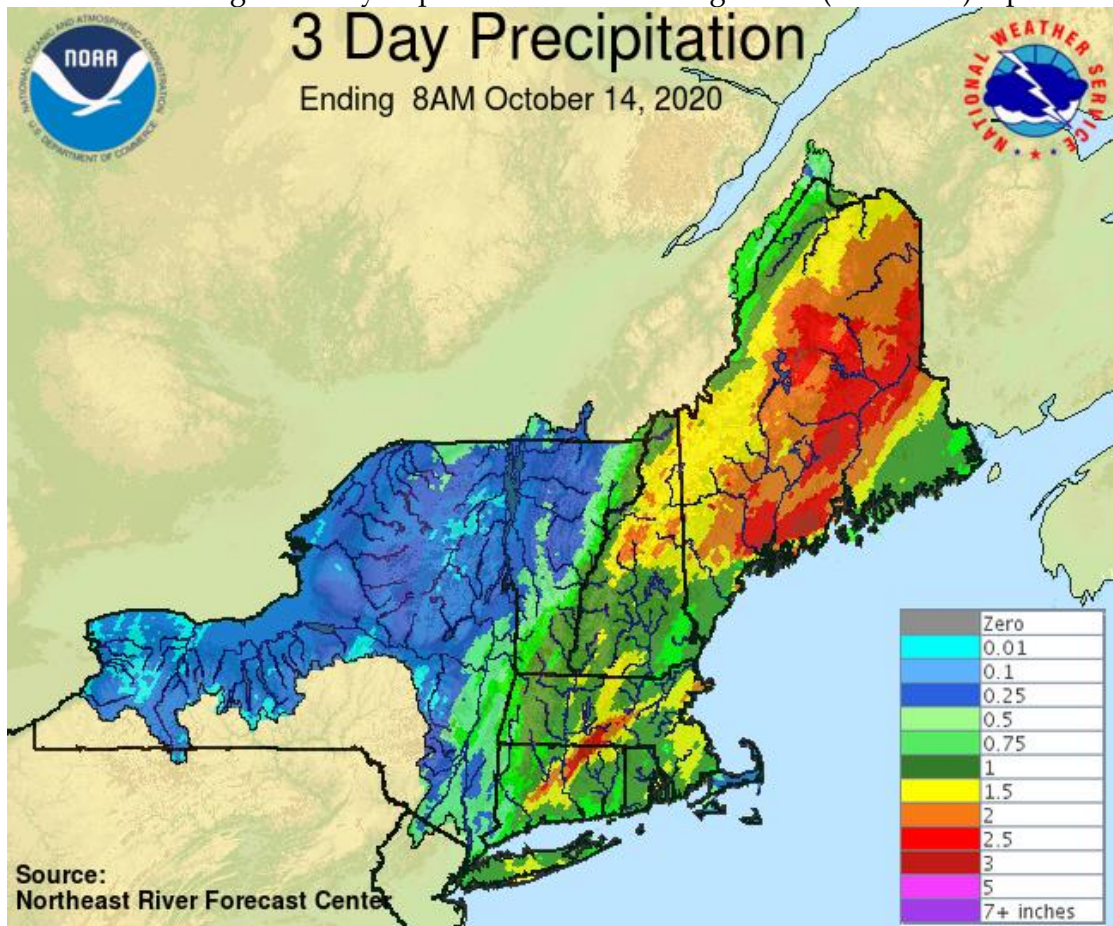


Several and numerous light rain events for the month, kept us from stringing too many zeros together. Two strong precip events for October. The Main Event on the 13<sup>th</sup>-14<sup>th</sup> with the map on the following page, strong 2"+ totals on a line extending from Waterbury CT to Gloucester MA.. Rain and measurable snow for the 30<sup>th</sup> and 31<sup>st</sup> with a widespread 1" precip amounts for many, and some 2"+ precip totals for Fairfield, Plymouth and the Cape and Islands. Thank you for the Significant Weather Reports during this event.

Do take in the next section with appreciation for your efforts.

## From your reports for October 2020

Observers reporting	<b>482</b>
Reported all 31 days	281
Completed by Multi-Day Reports	41
Missing 1 or 2 reports	54
Daily Reports	<b>12,732</b>
Zero Reports	5,859
Non-Zero Reports	6,873
Daily Comments	<b>2,443</b>
Multi-Day Reports	169
Condition Monitoring Reports	117
Significant Weather Reports	40
Hail Reports	3
Snowfall Reports	6,672
Snow Depth Reports	4,210
Total SWE Reports	2,875
Highest Daily Report	4.85" in Southington CT (CT-HR-55) reported on 10/14



Rains at the book-ends of October, along with snow for the 31<sup>st</sup>, kept this list from breaking more records. Several MultiDay Reports overlapped the beginning or the end of October. Several more reported NA for the snow on the 31<sup>st</sup>.

Keep the focus on the Gauge Catch, during these winter months.

Over 300 stations, yet again, on this list. Take in the amounts.

Watershed	Watershed Name	Station Number	Station Name	Precip
01070004	Nashua			
0107000401	North Nashua River	MA-WR-44	Westminster 0.6 WSW	5.49"
0107000401	North Nashua River	MA-WR-8	Fitchburg 1.6 SSW	3.57"
0107000402	Headwaters Nashua River	MA-WR-56	Sterling 4.3 NW	5.51"
0107000402	Headwaters Nashua River	MA-MD-25	Ayer 0.1 SW	3.68"
0107000403	Squannacook River	MA-MD-47	West Townsend 0.5 W	4.91"
01070005	Concord			
0107000501	Sudbury River	MA-MD-156	Marlborough 2.8 ENE	5.20"
0107000501	Sudbury River	MA-MD-89	Sudbury 3.6 W	5.46"
0107000501	Sudbury River	MA-MD-173	Sudbury 2.7 WNW	5.23"
0107000501	Sudbury River	MA-MD-107	Framingham 1.7 E	4.53"
0107000502	Concord River	MA-WR-30	Shrewsbury 1.6 NNE	6.81"
0107000502	Concord River	MA-WR-28	Berlin 1.3 WSW	5.92"
0107000502	Concord River	MA-WR-18	Northborough 0.6 SSE	4.16"
0107000502	Concord River	MA-WR-42	Northborough 2.3 N	6.43"
0107000502	Concord River	MA-MD-115	Hudson 1.4 NW	6.28"
0107000502	Concord River	MA-WR-55	Harvard 2.1 S	5.50"
0107000502	Concord River	MA-MD-12	Acton 1.3 SW	5.76"
0107000502	Concord River	MA-MD-51	Maynard 0.7 ESE	5.80"
0107000502	Concord River	MA-MD-53	Acton 4.0 ENE	6.13"
0107000502	Concord River	MA-MD-62	Chelmsford 1.2 E	4.85"
01070006	Merrimack River			
0107000612	Stony Brook - Merrimack River	MA-MD-104	Littleton 2.8 NNW	5.04"
0107000612	Stony Brook - Merrimack River	MA-MD-105	Littleton 0.9 WSW	5.42"
0107000612	Stony Brook - Merrimack River	MA-ES-10	Andover 1.5 W	4.58"
0107000613	Shawsheen River	MA-MD-52	Lexington 0.6 SW	3.82"
0107000613	Shawsheen River	MA-ES-48	Andover 0.6 E	5.75"
0107000614	Powwow River - Merrimack River	MA-ES-66	North Andover 0.3 NW	3.82"
0107000614	Powwow River - Merrimack River	MA-ES-20	Haverhill 0.7 N	4.46"
0107000614	Powwow River - Merrimack River	MA-ES-4	Groveland 0.5 WSW	5.05"

0107000614	Powwow River - Merrimack River	MA-ES-61	Amesbury 2.6 WSW	4.91"
0107000614	Powwow River - Merrimack River	MA-ES-59	Amesbury 1.2 N	5.20"
0107000614	Powwow River - Merrimack River	MA-ES-64	Newburyport 0.4 NNW	4.61"
0107000614	Powwow River - Merrimack River	MA-ES-70	Newburyport 0.6 N	5.63"
0107000614	Powwow River - Merrimack River	MA-ES-56	Newburyport 1.0 ESE	5.58"
01080201	Middle Connecticut			
0108020105	Green River	MA-FR-35	Bernardston 1.0 SW	5.05"
0108020106	Manhan River - Connecticut River	MA-HS-8	Williamsburg 1.2 WSW	5.26"
0108020106	Manhan River - Connecticut River	MA-HS-26	Easthampton 0.5 SW	5.60"
0108020106	Manhan River - Connecticut River	MA-FR-12	Sunderland 1.3 SE	5.47"
0108020107	Batchelor Brook - Connecticut River	MA-HD-13	Springfield 4.1 W	5.93"
0108020107	Batchelor Brook - Connecticut River	MA-HS-39	Belchertown 1.8 SW	7.12"
01080202	Miller			
0108020201	Upper Millers River	NH-CH-20	Rindge 3.2 ESE	5.31"
0108020202	Lower Millers River	MA-WR-80	Winchendon 3.2 S	5.70"
0108020202	Lower Millers River	MA-WR-40	Gardner 1.4 SSW	5.14"
01080203	Deerfield			
0108020303	North River	MA-FR-31	Colrain 3.7 WNW	5.66"
0108020305	Lower Deerfield River	MA-FR-17	Buckland 1.8 ESE	5.07"
0108020305	Lower Deerfield River	MA-FR-13	Conway 2.9 NW	5.68"
0108020305	Lower Deerfield River	MA-FR-25	Conway 2.7 NW	4.65"
0108020305	Lower Deerfield River	MA-FR-10	Conway 0.9 SW	5.12"
01080204	Chicopee			
0108020401	Swift River	MA-FR-8	New Salem 3.1 S	5.12"
0108020402	Ware River	MA-WR-54	Barre 1.4 NNE	5.35"
0108020403	Quaboag River	MA-HD-26	Brimfield 3.6 NW	6.72"
0108020403	Quaboag River	MA-WR-75	Warren 2.4 WSW	5.45"
0108020404	Chicopee River	MA-HD-25	Ludlow 2.3 SW	6.79"
01080205	Lower Connecticut			
0108020501	Mill River - Connecticut River	CT-HR-82	Suffield 0.5 NNE	6.28"
0108020501	Mill River - Connecticut River	CT-HR-99	Suffield 3.6 ENE	6.37"
0108020501	Mill River - Connecticut River	CT-HR-57	Suffield Depot 3.3 NNE	6.43"
0108020501	Mill River - Connecticut River	MA-HD-33	Agawam 1.1 SSW	5.74"
0108020501	Mill River - Connecticut River	CT-HR-5	Enfield 1.5 SE	7.06"
0108020501	Mill River - Connecticut River	MA-HD-30	Hampden 2.0 NW	6.87"
0108020502	Scantic River	CT-TL-35	Somersville 0.2 ENE	6.49"
0108020502	Scantic River	CT-TL-41	Somers 0.3 S	7.49"
0108020502	Scantic River	CT-TL-15	Central Somers 0.3 N	7.35"
0108020503	Park River	CT-HR-49	West Hartford 1.1 W	6.29"
0108020504	Hockanum River	CT-HR-52	Central Manchester 0.8 N	7.17"
0108020504	Hockanum River	CT-HR-100	Manchester 0.4 ENE	7.26"

0108020504	Hockanum River	CT-TL-19	Vernon 2.8 N	6.85"
0108020505	Roaring Brook - Connecticut River	CT-HR-68	Rocky Hill 1.3 E	7.22"
0108020506	Mattabesset River	CT-HR-15	Southington 3.0 E	6.77"
0108020506	Mattabesset River	CT-HR-80	Kensington 0.7 WSW	6.47"
0108020506	Mattabesset River	CT-HR-65	Newington 1.9 SSW	6.12"
0108020506	Mattabesset River	CT-MD-25	Middlefield 0.6 SE	6.58"
0108020507	Higganum Creek - Connecticut River	CT-MD-23	Higganum 0.7 N	5.49"
0108020507	Higganum Creek - Connecticut River	CT-MD-26	Higganum 0.8 NE	5.08"
0108020509	Eightmile River - Connecticut River	CT-NL-44	Old Lyme 0.5 W	4.41"
01080206	Westfield			
0108020601	Headwaters Westfield River	MA-HS-7	Plainfield 2.2 SW	5.31"
0108020601	Headwaters Westfield River	MA-HS-14	Plainfield 2.4 ESE	5.38"
0108020603	Outlet Westfield River	MA-HD-31	Westfield 1.6 SSW	5.77"
0108020603	Outlet Westfield River	CT-HR-88	Suffield Depot 6.0 WNW	6.54"
0108020603	Outlet Westfield River	MA-HD-28	Westfield 2.8 SE	6.57"
0108020603	Outlet Westfield River	MA-HD-29	West Springfield 1.6 SSW	6.23"
01080207	Farmington			
0108020701	Still River	CT-LT-44	Winsted 1.0 WSW	5.47"
0108020701	Still River	CT-LT-15	Colebrook 1.0 NE	5.15"
0108020702	West Branch Farmington River	CT-LT-18	New Hartford Center 1.5 N	5.68"
0108020704	Headwaters Farmington River	CT-LT-9	New Hartford Center 3.2 SW	5.62"
0108020704	Headwaters Farmington River	CT-HR-71	Bristol 2.7 NNE	5.55"
0108020704	Headwaters Farmington River	CT-HR-28	North Canton 0.8 SSW	5.51"
0108020705	Salmon Brook	CT-HR-8	North Granby 1.3 ENE	6.30"
01090001	Charles			
0109000101	Plum Island Sound - Frontal Atlantic Ocean	MA-ES-19	West Newbury 1.8 SSE	5.33"
0109000101	Plum Island Sound - Frontal Atlantic Ocean	MA-ES-46	Georgetown 1.3 ENE	5.85"
0109000101	Plum Island Sound - Frontal Atlantic Ocean	MA-ES-24	Newburyport 0.8 SW	5.57"
0109000102	Ipswich River	MA-MD-85	Wilmington 2.2 WNW	5.63"
0109000102	Ipswich River	MA-MD-125	Tewksbury 3.6 SSE	5.59"
0109000102	Ipswich River	MA-ES-58	Middleton 1.4 SSW	5.96"
0109000102	Ipswich River	MA-ES-12	Boxford 2.4 S	5.01"
0109000102	Ipswich River	MA-ES-71	Danvers 2.5 NNE	5.48"
0109000103	Essex River - Frontal Atlantic Ocean	MA-ES-41	Danvers 0.8 ESE	6.83"
0109000103	Essex River - Frontal Atlantic Ocean	MA-ES-54	Gloucester 2.1 NW	6.45"
0109000103	Essex River - Frontal Atlantic Ocean	MA-ES-22	Rockport 1.0 E	6.55"
0109000104	Saugus River - Frontal Broad Sound	MA-MD-81	Wakefield 0.5 NNW	5.27"
0109000104	Saugus River - Frontal Broad Sound	MA-MD-126	Melrose 0.5 NE	5.35"
0109000104	Saugus River - Frontal Broad Sound	MA-ES-45	Nahant 0.4 N	5.85"
0109000104	Saugus River - Frontal Broad Sound	MA-ES-8	Marblehead 0.8 SW	6.37"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-123	Lexington 1.3 SE	5.40"

0109000105	Mystic River - Frontal Boston Harbor	MA-MD-174	Woburn 1.9 WSW	5.14"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-175	Arlington 0.4 WNW	5.19"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-7	Winchester 0.7 SE	5.31"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-44	Medford 1.2 W	4.78"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-11	Cambridge 0.9 NNW	5.47"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-170	Somerville 0.5 W	4.71"
0109000105	Mystic River - Frontal Boston Harbor	MA-SF-10	Chelsea 0.8 N	6.38"
0109000106	Upper Charles River	MA-WR-1	Milford 2.3 NNW	5.29"
0109000106	Upper Charles River	MA-MD-106	Holliston 2.4 W	5.03"
0109000106	Upper Charles River	MA-MD-55	Holliston 0.7 W	5.31"
0109000106	Upper Charles River	MA-MD-42	Holliston 0.8 S	5.41"
0109000106	Upper Charles River	MA-NF-62	Franklin 1.4 SW	5.36"
0109000106	Upper Charles River	MA-MD-158	Sherborn 1.1 NW	5.57"
0109000106	Upper Charles River	MA-NF-50	Millis 1.4 ENE	4.68"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-MD-120	Natick 1.9 NNE	5.57"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-MD-80	Lincoln 1.5 SW	5.28"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-MD-119	Watertown 1.1 W	5.45"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-MD-134	Somerville 0.5 SSE	5.61"
0109000108	Neponset River - Frontal Boston Harbor	MA-NF-1	Norwood 1.3 NW	5.60"
0109000108	Neponset River - Frontal Boston Harbor	MA-NF-54	Quincy 1.2 W	6.55"
0109000109	Whitmans Pond - Frontal Boston Harbor	MA-NF-32	Quincy 1.8 WSW	5.58"
0109000109	Whitmans Pond - Frontal Boston Harbor	MA-PL-36	Hingham 0.8 ESE	6.43"
01090002	Cape Cod			
0109000201	North River - Frontal Massachusetts Bay	MA-PL-57	Hanson 1.8 N	6.48"
0109000201	North River - Frontal Massachusetts Bay	MA-PL-5	Kingston 3.3 WNW	7.04"
0109000202	Cape Cod	MA-BA-2	Falmouth 3.1 NNW	5.33"
0109000202	Cape Cod	MA-BA-57	Falmouth 5.7 N	5.00"
0109000202	Cape Cod	MA-BA-13	Falmouth 0.6 NNW	5.09"
0109000202	Cape Cod	MA-BA-50	Falmouth 5.4 NNE	4.40"
0109000202	Cape Cod	MA-BA-17	East Falmouth 1.2 WNW	3.82"
0109000202	Cape Cod	MA-BA-3	Falmouth 3.0 E	4.53"
0109000202	Cape Cod	MA-BA-11	East Falmouth 1.4 ESE	5.04"
0109000202	Cape Cod	MA-BA-83	Mashpee 2.5 W	5.82"
0109000202	Cape Cod	MA-BA-18	Waquoit 0.6 SSW	5.03"
0109000202	Cape Cod	MA-BA-47	Mashpee 2.4 WSW	5.29"
0109000202	Cape Cod	MA-BA-45	Sandwich 0.9 NNE	4.33"
0109000202	Cape Cod	MA-BA-79	Mashpee 0.8 SSW	5.16"
0109000202	Cape Cod	MA-BA-78	Mashpee 4.6 S	4.98"
0109000202	Cape Cod	MA-BA-10	East Sandwich 2.3 SE	5.63"
0109000202	Cape Cod	MA-BA-59	Barnstable 3.6 W	5.32"
0109000202	Cape Cod	MA-BA-60	Hyannis 0.7 WNW	4.75"

0109000202	Cape Cod	MA-BA-76	Barnstable 0.7 NE	4.50"
0109000202	Cape Cod	MA-BA-22	Yarmouth 0.9 NNW	4.56"
0109000202	Cape Cod	MA-BA-72	Yarmouth 2.0 S	4.57"
0109000202	Cape Cod	MA-BA-77	South Dennis 1.0 NW	4.65"
0109000202	Cape Cod	MA-BA-52	Truro 0.8 E	4.57"
0109000202	Cape Cod	MA-BA-36	Harwich 2.6 ENE	4.66"
0109000202	Cape Cod	MA-BA-68	Eastham 1.9 WSW	4.18"
0109000202	Cape Cod	MA-BA-42	Orleans 1.8 S	4.30"
0109000202	Cape Cod	MA-BA-51	Orleans 3.0 S	4.05"
0109000202	Cape Cod	MA-BA-12	Orleans 1.1 E	4.09"
0109000202	Cape Cod	MA-BA-7	Wellfleet 3.0 E	3.80"
0109000202	Cape Cod	MA-BA-30	Eastham 0.6 SW	4.34"
0109000202	Cape Cod	MA-BA-43	Chatham 0.4 WSW	4.79"
0109000203	Mattapoisett River - Frontal Buzzards Bay	MA-PL-52	Plymouth 10.6 SSE	3.99"
0109000204	Paskamanset River - Frontal Buzzards Bay	MA-BR-14	Dartmouth 2.5 SSW	6.30"
0109000204	Paskamanset River - Frontal Buzzards Bay	MA-BR-52	New Bedford 4.3 N	5.64"
0109000205	Sakonnet Point - Frontal Rhode Island Sound	RI-NW-5	Little Compton 1.7 NW	6.16"
0109000205	Sakonnet Point - Frontal Rhode Island Sound	RI-NW-17	Tiverton 4.4 SSE	5.76"
0109000205	Sakonnet Point - Frontal Rhode Island Sound	RI-NW-7	Little Compton 0.6 E	6.18"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-21	Chilmark 0.9 E	4.76"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-9	West Tisbury 0.4 S	5.03"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-2	Vineyard Haven 0.8 WSW	4.64"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-18	Oak Bluffs 0.1 SW	4.05"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-22	Edgartown 1.3 WNW	4.51"
01090003	Blackstone			
0109000301	Upper Blackstone River	MA-WR-41	Auburn 2.6 SW	5.68"
0109000301	Upper Blackstone River	MA-WR-43	Leicester 2.4 ESE	6.82"
0109000301	Upper Blackstone River	MA-WR-81	Worcester 1.6 SE	6.51"
0109000301	Upper Blackstone River	MA-WR-69	Northbridge 1.7 WNW	4.37"
0109000302	Lower Blackstone River	RI-PR-50	Harrisville 1.2 SSE	5.46"
0109000302	Lower Blackstone River	RI-PR-28	North Smithfield 0.7 SE	6.02"
0109000302	Lower Blackstone River	RI-PR-89	Woonsocket 1.8 WNW	5.60"
0109000302	Lower Blackstone River	RI-PR-59	Cumberland Hill 0.9 NW	5.04"
0109000302	Lower Blackstone River	RI-PR-55	Cumberland Hill 3.6 NNE	4.92"
01090004	Narragansett			
0109000401	Upper Taunton River	MA-BR-30	Taunton 3.9 N	5.92"
0109000401	Upper Taunton River	MA-NF-31	Stoughton 1.2 E	5.74"
0109000401	Upper Taunton River	MA-PL-22	East Bridgewater 0.3 WSW	6.00"
0109000401	Upper Taunton River	MA-PL-15	Abington 1.2 NNE	5.64"
0109000401	Upper Taunton River	MA-PL-23	Pembroke 2.8 SW	6.15"
0109000402	Middle Taunton River	MA-PL-31	Bridgewater 1.8 SE	6.42"



0109000403	Threemile River	MA-NF-19	Foxborough 1.8 SSW	5.37"
0109000403	Threemile River	MA-BR-55	NWS Boston/Norton 2.5 ESE	6.02"
0109000404	Ten Mile River	MA-NF-58	Plainville 0.6 NNW	3.87"
0109000404	Ten Mile River	MA-BR-23	Attleboro 0.9 ENE	5.48"
0109000405	Woonasquatucket River-Moshassuck River	RI-PR-33	Greenville 0.7 NNW	5.80"
0109000405	Woonasquatucket River-Moshassuck River	RI-PR-51	North Smithfield 0.6 S	6.24"
0109000405	Woonasquatucket River-Moshassuck River	RI-PR-82	Providence 1.6 NNW	5.60"
0109000405	Woonasquatucket River-Moshassuck River	RI-PR-53	Providence 1.7 N	4.40"
0109000406	Pawtuxet River	RI-KN-21	Coventry 1.9 NE	6.49"
0109000406	Pawtuxet River	RI-PR-71	Cranston 1.3 N	5.50"
0109000406	Pawtuxet River	RI-PR-57	Cranston 1.2 SSE	6.51"
0109000406	Pawtuxet River	RI-PR-44	Cranston 4.2 ENE	6.12"
0109000407	Palmer River	RI-BR-11	Bristol 2.0 NNW	5.85"
0109000407	Palmer River	MA-BR-2	Rehoboth 2.1 N	6.05"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-61	Mansfield 2.4 ENE	5.61"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-3	Norton 1.8 NNE	5.94"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-16	Somerset 0.4 SSE	6.17"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-64	Somerset 0.8 NE	6.02"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-58	Dighton 3.3 NNW	6.13"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-8	Dighton 1.1 WSW	6.35"
0109000409	Narragansett Bay	RI-KN-17	East Greenwich 1.2 NNE	7.10"
0109000409	Narragansett Bay	RI-WS-54	North Kingstown 2.7 WSW	7.43"
0109000409	Narragansett Bay	RI-WS-31	Kingston 7.5 NNE	6.98"
0109000409	Narragansett Bay	RI-WS-44	North Kingstown 1.5 SSW	6.76"
0109000409	Narragansett Bay	RI-KN-15	Warwick 4.3 SSW	5.74"
0109000409	Narragansett Bay	RI-WS-66	Narragansett 2.9 N	7.02"
0109000409	Narragansett Bay	RI-KN-2	East Greenwich 2.3 ESE	6.77"
0109000409	Narragansett Bay	RI-KN-23	Warwick 3.2 NNE	5.95"
0109000409	Narragansett Bay	RI-KN-31	Warwick 0.8 ENE	5.99"
0109000409	Narragansett Bay	RI-PR-67	Providence 1.6 NE	5.16"
0109000409	Narragansett Bay	RI-PR-84	Providence 2.7 NNE	5.22"
0109000409	Narragansett Bay	RI-NW-18	Jamestown 0.3 SSE	5.83"
0109000409	Narragansett Bay	RI-PR-77	Riverside 0.8 SE	5.22"
0109000409	Narragansett Bay	RI-BR-5	Barrington 1.3 WNW	5.66"
0109000409	Narragansett Bay	RI-NW-27	Newport 1.3 SW	4.95"
0109000409	Narragansett Bay	RI-NW-4	Middletown 1.1 SW	4.10"
0109000409	Narragansett Bay	RI-NW-16	Portsmouth 1.3 S	5.73"
0109000409	Narragansett Bay	MA-BR-63	Swansea 2.1 W	5.96"
0109000409	Narragansett Bay	RI-NW-28	Portsmouth 3.7 NNE	5.36"
0109000409	Narragansett Bay	RI-NW-11	Tiverton 0.8 SSW	6.45"
0109000409	Narragansett Bay	RI-NW-20	Tiverton 1.0 SSW	6.31"



0109000409	Narragansett Bay	RI-NW-23	Tiverton 3.6 S	5.59"
01090005	Pawcatuck-Wood			
0109000501	Wood River	RI-WS-1	Hope Valley 3.7 S	6.15"
0109000501	Wood River	RI-WS-64	Hope Valley 1.8 NE	6.20"
0109000502	Upper Pawcatuck River	RI-WS-51	Richmond 2.4 SSE	5.88"
0109000502	Upper Pawcatuck River	RI-WS-42	Richmond 4.6 NNE	6.18"
0109000502	Upper Pawcatuck River	RI-WS-37	Kingston 2.4 SW	5.92"
0109000503	Lower Pawcatuck River	CT-NL-40	Pawcatuck 1.8 SSE	5.92"
0109000503	Lower Pawcatuck River	RI-WS-30	Westerly 2.4 NNW	5.49"
0109000503	Lower Pawcatuck River	RI-WS-47	Westerly 0.8 WNW	5.92"
0109000504	Frontal Block Island Sound	RI-WS-36	Charlestown 3.0 WSW	6.19"
0109000504	Frontal Block Island Sound	RI-WS-53	Charlestown 0.7 SE	5.61"
0109000504	Frontal Block Island Sound	RI-WS-26	Charlestown 1.1 ENE	6.44"
0109000504	Frontal Block Island Sound	RI-WS-55	Wakefield 0.8 ENE	6.71"
01100001	Quinebaug			
0110000102	French River	MA-WR-88	Leicester 2.5 WSW	5.74"
0110000102	French River	MA-WR-68	Oxford 0.9 SSW	5.67"
0110000103	Fivemile River	CT-WN-4	East Killingly 1.3 SW	4.96"
0110000105	Moosup River	CT-WN-8	Moosup 1.7 NE	5.93"
0110000105	Moosup River	RI-KN-14	Greene 1.4 E	5.72"
0110000106	Pachaug River	CT-NL-21	Griswold 0.9 N	4.85"
01100002	Shetucket			
0110000201	Willimantic River	CT-TL-18	Hebron 5.3 NW	5.02"
0110000201	Willimantic River	CT-TL-40	Coventry 0.3 NNE	5.23"
0110000201	Willimantic River	CT-TL-2	Staffordville 0.4 NNW	7.58"
0110000202	Natchaug River	CT-TL-27	Willington 2.7 SE	5.39"
0110000202	Natchaug River	CT-TL-30	Mansfield Center 2.7 NE	4.73"
0110000202	Natchaug River	CT-WN-12	Eastford 2.0 W	5.45"
0110000203	Shetucket River	CT-WN-10	South Windham 1.3 NNE	4.50"
0110000203	Shetucket River	CT-NL-10	Norwich 2.5 NNE	5.20"
01100003	Thames			
0110000302	Thames River-Frontal New London Harbor	CT-NL-5	Oakdale 2.6 WNW	5.56"
0110000302	Thames River-Frontal New London Harbor	CT-NL-6	New London 1.0 NNW	5.14"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-38	Old Lyme 3.4 ESE	5.09"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-29	East Lyme 0.5 SW	5.08"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-32	Niantic 1.1 SW	3.91"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-22	Central Waterford 2.7 SSW	5.18"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-46	Mystic 3.4 NW	5.59"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-37	Mystic 1.6 W	5.68"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-19	Mystic 0.9 W	4.67"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-24	Stonington 1.4 NNW	6.07"

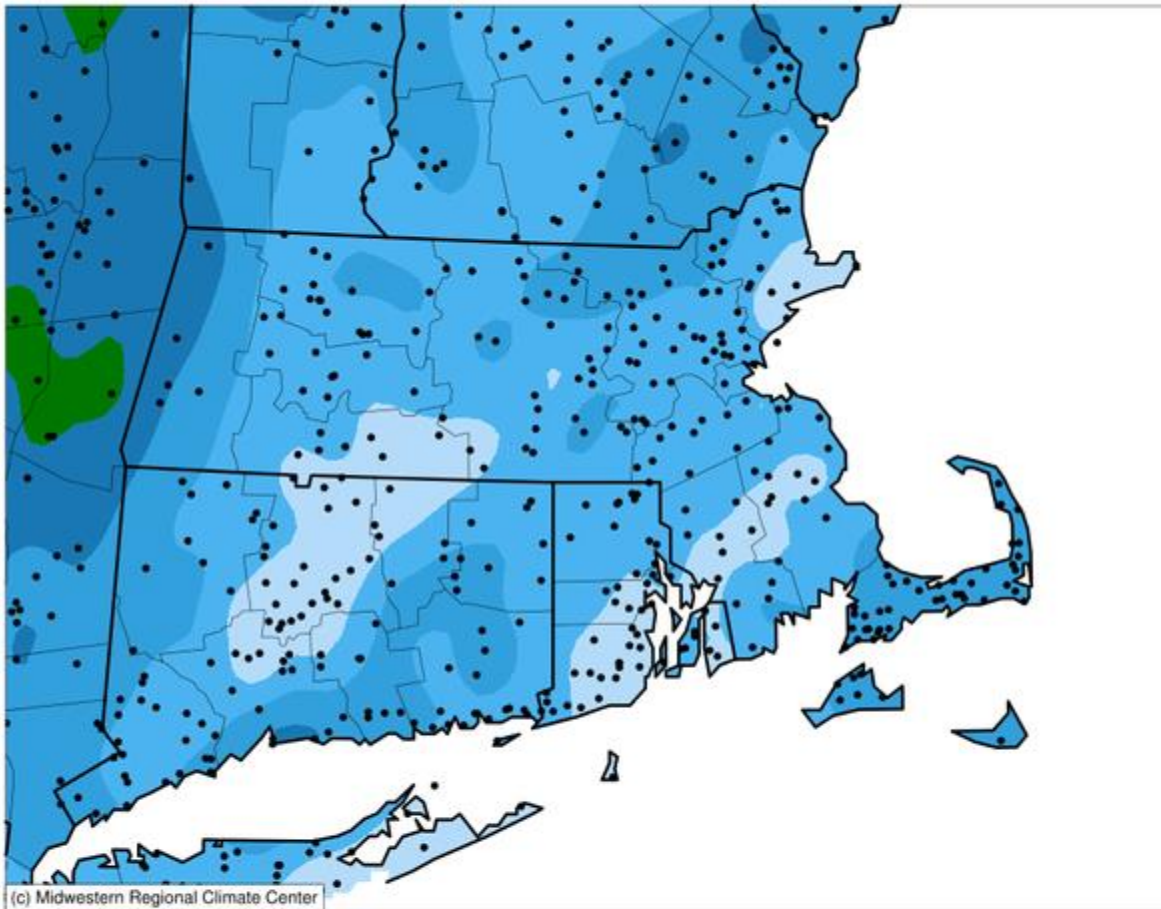
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-18	Stonington 0.5 NNE	5.86"
01100004	Quinnipiac			
0110000401	Quinnipiac River	CT-NH-14	Prospect 1.9 ENE	8.24"
0110000401	Quinnipiac River	CT-HR-55	Southington 1.7 WNW	10.76"
0110000401	Quinnipiac River	CT-HR-83	Plainville 1.7 SW	8.48"
0110000401	Quinnipiac River	CT-HR-23	Southington 0.9 SSE	6.39"
0110000401	Quinnipiac River	CT-HR-76	Southington 1.0 ENE	5.52"
0110000401	Quinnipiac River	CT-NH-44	Wallingford Center 1.9 WNW	6.25"
0110000401	Quinnipiac River	CT-NH-43	Wallingford Center 3.3 NNW	5.91"
0110000401	Quinnipiac River	CT-NH-75	Meriden 2.8 WSW	5.61"
0110000401	Quinnipiac River	CT-NH-42	Wallingford Center 1.1 N	5.08"
0110000401	Quinnipiac River	CT-NH-72	Northford 0.8 SW	6.62"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-NH-21	East Haven 3.5 SSW	3.57"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-NH-56	Guilford Center 2.7 WSW	3.37"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-NH-50	Madison Center 4.1 N	4.32"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-MD-31	Killingworth 0.7 WNW	4.27"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-MD-21	Killingworth 2.6 ESE	4.40"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-MD-27	Clinton 3.7 N	4.62"
0110000403	Mill River - Frontal Long Island Sound	CT-NH-57	New Haven 2.9 NNW	5.09"
01100005	Housatonic			
0110000501	Headwaters Housatonic River	MA-BE-11	Great Barrington 3.0 N	3.78"
0110000501	Headwaters Housatonic River	MA-BE-3	Stockbridge .2 NNE	3.86"
0110000501	Headwaters Housatonic River	MA-BE-20	Lee 3.7 SE	4.60"
0110000501	Headwaters Housatonic River	MA-BE-22	Dalton 2.9 SW	4.22"
0110000502	Williams River - Housatonic River	MA-BE-23	Sheffield 1.6 NW	4.23"
0110000503	Konkapot River-Housatonic River	CT-LT-28	Canaan 4.2 ESE	4.89"
0110000504	Macedonia Brook - Housatonic River	CT-LT-20	Warren 2.4 WNW	4.57"
0110000506	Candlewood Lake-Housatonic River	CT-LT-37	New Milford 3.1 WNW	4.93"
0110000506	Candlewood Lake-Housatonic River	CT-LT-22	New Milford 5.3 SSW	4.84"
0110000507	Shepaug River	CT-LT-29	Goshen 0.5 NW	5.53"
0110000508	Still River - Housatonic River	CT-FR-85	Danbury 3.0 W	4.62"
0110000508	Still River - Housatonic River	CT-FR-41	Bethel 3.5 NNE	4.96"
0110000508	Still River - Housatonic River	CT-FR-9	Brookfield 3.3 SSE	4.92"
0110000509	Pomperaug River	CT-LT-34	Woodbury Center 1.5 SSW	5.69"
0110000511	Headwaters Naugatuck River	CT-LT-7	Litchfield 2.3 NNE	4.61"
0110000512	Outlet Naugatuck River	CT-NH-67	Waterbury 1.3 WNW	5.37"
0110000512	Outlet Naugatuck River	CT-NH-47	Seymour 1.5 NE	5.52"
0110000512	Outlet Naugatuck River	CT-NH-45	Naugatuck 1.7 NNE	7.62"
0110000512	Outlet Naugatuck River	CT-NH-22	Prospect 0.5 SW	7.93"
0110000513	Housatonic River - Frontal Long Island Sound	CT-FR-77	Shelton 2.3 WSW	5.10"
0110000513	Housatonic River - Frontal Long Island Sound	CT-FR-23	Shelton 1.3 W	6.13"

0110000513	Housatonic River - Frontal Long Island Sound	CT-FR-46	Stratford 0.2 ESE	4.84"
0110000513	Housatonic River - Frontal Long Island Sound	CT-FR-55	Shelton 2.7 SSE	4.99"
0110000513	Housatonic River - Frontal Long Island Sound	CT-NH-71	Milford 2.8 SSW	4.13"
01100006	Saugatuck			
0110000601	Saugatuck River - Frontal Long Island Sound	CT-FR-58	Ridgefield 3.6 N	4.76"
0110000601	Saugatuck River - Frontal Long Island Sound	CT-FR-31	Newtown 4.6 SSW	5.86"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-59	New Canaan 3.8 N	5.02"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-29	Ridgefield 1.9 SSE	5.49"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-63	Wilton 1.9 NW	5.50"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-3	New Canaan 1.9 ENE	6.02"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-25	Norwalk 2.9 NNW	5.73"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-20	Westport 2.5 ENE	5.27"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-68	Fairfield 1.1 SSE	3.47"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-60	Fairfield 1.5 NE	5.07"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-57	Trumbull 0.9 W	5.50"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-32	Monroe 0.8 W	6.74"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-70	Bridgeport 2.9 NNW	5.36"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-67	Trumbull 1.2 S	5.79"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-26	Stratford 0.9 W	4.82"
0110000604	Mianus River-Rippowam River	CT-FR-83	Darien 2.4 NW	5.69"
0110000604	Mianus River-Rippowam River	CT-FR-66	Norwalk 1.4 ENE	5.71"
02020003	Hudson-Hoosic			
0202000306	Upper Hoosic River	MA-BE-21	Cheshire 0.5 NNW	4.07"
02020006	Middle Hudson			
0202000603	Wynants Kill - Hudson River	NY-AB-21	NWS Albany	3.05"
02030203	Long Island Sound			
0203020300	Long Island Sound	NY-SF-114	Fishers Island 0.5 NE	5.83"

At last! Blue colors dominate our regions! Most areas above 4" and 6"+ in the pale blue areas

### Accumulated Precipitation (in)

October 01, 2020 to October 31, 2020



0.01 0.1 0.25 0.5 1 1.5 2 2.5 3 4 5 6 8

Stations from the following networks used: COOP, FAA, CoCoRaHS,

Midwestern Regional Climate Center

cli-MATE: MRCC Application Tools Environment

Generated at: 11/7/2020 8:08:48 AM CST

**“We do not live at the airport”**

At last, a month around normal. This list averaged 4.34”, while our own stations averaged 5.53”.

We are going to see more of this all winter long. When it snows, tipping gauges do not tip. Not that accurately, anyway.

Our network does not use automated gauges! And we do not live at the airport!

Location	Station ID	Oct 2020 Precip	Oct departure from normal	Aug-Sep-Oct Precip	3 month departure from normal	May-Oct Precip	6 month departure from normal	Nov-Oct Precip	12 month departure from normal
White Plains NY	HPN	4.15"	-0.26"	10.94"	-2.35"	20.36"	-5.01"	40.74"	-8.61"
Danbury CT	DXR	4.17"	-0.54"	11.52"	-2.03"	21.67"	-5.38"	40.77"	-9.10"
New Haven CT	HVN	3.36"	-0.88"	7.99"	-4.57"	14.94"	-9.82"	36.35"	-10.76"
Meriden CT	MMK	5.52"	1.28"	10.54"	-2.02"	18.74"	-6.02"	45.56"	-1.55"
Hartford CT	HFD	5.74"	1.60"	9.38"	-1.90"	16.68"	-6.48"	36.43"	-7.17"
Willimantic CT	IJD	3.40"	-1.05"	5.04"	-7.39"	15.30"	-9.26"	35.78"	-12.64"
New London CT	GON	4.80"	0.94"	6.32"	-5.70"	12.74"	-11.01"	34.27"	-12.22"
Westerly RI	WST	4.82"	0.90"	7.00"	-4.99"	14.53"	-8.72"	34.85"	-12.54"
Newport RI	UUU	5.27"	1.44"	7.60"	-3.86"	13.94"	-8.31"	34.07"	-12.26"
New Bedford MA	EWB	3.66"	-0.47"	4.53"	-7.27"	9.44"	-13.32"	26.35"	-22.01"
Hyannis MA	HYA	3.90"	-0.21"	5.84"	-5.77"	10.82"	-11.08"	36.06"	-11.63"
Nantucket MA	ACK	4.16"	0.24"	7.22"	-4.65"	12.88"	-8.99"	35.19"	-9.23"
Marthas Vineyard MA	MVY	3.86"	-0.21"	5.46"	-6.79"	12.76"	-9.03"	36.79"	-8.37"
Taunton MA	TAN	5.90"	1.61"	8.86"	-3.83"	16.44"	-7.22"	42.56"	-7.18"
Plymouth MA	PYM	5.78"	1.70"	8.65"	-3.14"	15.14"	-7.78"	43.05"	-6.10"
Norwood MA	OWD	1.98"	-2.18"	7.62"	-4.14"	18.63"	-4.54"	43.32"	-3.74"
Bedford MA	BED	5.01"	0.79"	8.16"	-3.27"	13.96"	-8.96"	33.66"	-12.05"
Lawrence MA	LWM	4.25"	0.08"	9.05"	-2.05"	17.20"	-5.40"	39.46"	-3.70"
Fitchburg MA	FIT	4.18"	-0.10"	6.56"	-5.37"	13.28"	-11.04"	27.66"	-19.48"
Orange MA	ORE	2.99"	-0.80"	7.69"	-3.20"	15.65"	-7.64"	36.34"	-6.21"
Westfield MA	BAF	5.30"	0.55"	11.56"	-1.84"	17.22"	-9.06"	38.37"	-10.02"
North Adams MA	AQW	3.21"	-1.53"	10.53"	-2.51"	17.03"	-9.63"	33.81"	-12.80"

## **Rulers of the Snow**

We are the Rulers of the Snow. Even Nolan is catching on to us!

83 stations in October, picking up our first snow fall of the season. Just 1 station shy of last month's record of 84 stations that reported snow fall and snow depth for all days in September 2020.

Using the mobile app? Look at the 2<sup>nd</sup> page of the mobile app, and fill in those snow values. Start off the new Water Year with a new Make a snow fall and snow depth measurement with every Daily Report, if you can safely do so, ***all year round.***

Station	Name	Oct 2020 Snowfall	Station	Name	Oct 2020 Snowfall
MA-WR-41	Auburn 2.6 SW	6.1"	CT-HR-65	Newington 1.9 SSW	2.1"
MA-MD-42	Holliston 0.8 S	5.5"	MA-ES-70	Newburyport 0.6 N	2.1"
MA-ES-41	Danvers 0.8 ESE	5.2"	MA-HS-26	Easthampton 0.5 SW	2.0"
MA-WR-75	Warren 2.4 WSW	5.1"	MA-ES-12	Boxford 2.4 S	2.0"
MA-NF-1	Norwood 1.3 NW	5.1"	CT-LT-15	Colebrook 1.0 NE	1.7"
MA-NF-54	Quincy 1.2 W	5.0"	MA-FR-17	Buckland 1.8 ESE	1.6"
RI-PR-33	Greenville 0.7 NNW	4.8"	MA-HD-28	Westfield 2.8 SE	1.5"
MA-MD-126	Melrose 0.5 NE	4.8"	CT-MD-25	Middlefield 0.6 SE	1.5"
CT-TL-2	Staffordville 0.4 NNW	4.6"	RI-PR-44	Cranston 4.2 ENE	1.5"
RI-KN-14	Greene 1.4 E	4.5"	MA-FR-12	Sunderland 1.3 SE	1.3"
MA-MD-125	Tewksbury 3.6 SSE	4.5"	RI-WS-42	Richmond 4.6 NNE	1.2"
MA-MD-156	Marlborough 2.8 ENE	4.5"	CT-NL-21	Griswold 0.9 N	1.0"
MA-MD-173	Sudbury 2.7 WNW	4.5"	MA-BE-21	Cheshire 0.5 NNW	0.9"
MA-MD-51	Maynard 0.7 ESE	4.5"	CT-NL-46	Mystic 3.4 NW	0.7"
MA-MD-85	Wilmington 2.2 WNW	4.5"	CT-MD-21	Killingworth 2.6 ESE	0.5"
MA-WR-8	Fitchburg 1.6 SSW	4.4"	CT-FR-9	Brookfield 3.3 SSE	0.2"
RI-PR-51	North Smithfield 0.6 S	4.4"	MA-BA-50	Falmouth 5.4 NNE	0.2"
RI-PR-28	North Smithfield 0.7 SE	4.3"	MA-BA-47	Mashpee 2.4 WSW	0.1"
MA-MD-12	Acton 1.3 SW	4.3"	CT-LT-22	New Milford 5.3 SSW	0.0"
MA-PL-15	Abington 1.2 NNE	4.3"	CT-FR-25	Norwalk 2.9 NNW	0.0"
MA-MD-7	Winchester 0.7 SE	4.2"	CT-FR-3	New Canaan 1.9 ENE	0.0"
RI-PR-55	Cumberland Hill 3.6 NNE	4.1"	CT-NH-57	New Haven 2.9 NNW	0.0"

CT-TL-35	Somersville 0.2 ENE	4.0"	MA-FR-10	Conway 0.9 SW	0.0"
MA-WR-44	Westminster 0.6 WSW	4.0"	CT-MD-23	Higganum 0.7 N	0.0"
MA-BR-61	Mansfield 2.4 ENE	4.0"	CT-NL-19	Mystic 0.9 W	0.0"
MA-MD-115	Hudson 1.4 NW	4.0"	CT-NL-29	East Lyme 0.5 SW	0.0"
MA-ES-48	Andover 0.6 E	4.0"	CT-NL-32	Niantic 1.1 SW	0.0"
CT-LT-9	New Hartford Center 3.2 SW	3.7"	CT-NL-6	New London 1.0 NNW	0.0"
MA-BR-55	NWS Boston/Norton 2.5 ESE	3.7"	RI-KN-2	East Greenwich 2.3 ESE	0.0"
CT-TL-27	Willington 2.7 SE	3.6"	RI-WS-37	Kingston 2.4 SW	0.0"
CT-HR-8	North Granby 1.3 ENE	3.5"	RI-WS-47	Westerly 0.8 WNW	0.0"
RI-PR-82	Providence 1.6 NNW	3.5"	RI-NW-11	Tiverton 0.8 SSW	0.0"
MA-BR-8	Dighton 1.1 WSW	3.5"	RI-NW-18	Jamestown 0.3 SSE	0.0"
MA-BR-30	Taunton 3.9 N	3.4"	RI-NW-7	Little Compton 0.6 E	0.0"
MA-MD-47	West Townsend 0.5 W	3.4"	MA-BA-3	Falmouth 3.0 E	0.0"
MA-NF-58	Plainville 0.6 NNW	3.4"	MA-BA-60	Hyannis 0.7 WNW	0.0"
MA-ES-4	Groveland 0.5 WSW	3.3"	MA-BA-72	Yarmouth 2.0 S	0.0"
RI-PR-45	Manville 0.4 WSW	3.2"	MA-BA-76	Barnstable 0.7 NE	0.0"
MA-HD-30	Hampden 2.0 NW	3.1"	MA-DK-2	Vineyard Haven 0.8 WSW	0.0"
MA-WR-54	Barre 1.4 NNE	2.9"	MA-DK-22	Edgartown 1.3 WNW	0.0"
CT-NL-10	Norwich 2.5 NNE	2.9"	NY-SF-114	Fishers Island 0.5 NE	0.0"
MA-HD-25	Ludlow 2.3 SW	2.2"			

October 2020 as a calendar. A count of your Daily Reports by Date. Magenta colors are for the highest counts. Lime green color for the lowest counts.

411 Reports per Day was our record reporting average for October. 26 days of over 400 Daily Reports. 448 Daily Reports for October 17<sup>th</sup> is a single day reporting record for us.

October 2020

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 413	2 408	3 407
4 405	5 410	6 415	7 403	8 421	9 405	10 397
11 400	12 404	13 424	14 433	15 414	16 412	17 448
18 404	19 402	20 410	21 425	22 409	23 394	24 397
25 393	26 410	27 409	28 420	29 419	30 428	31 393



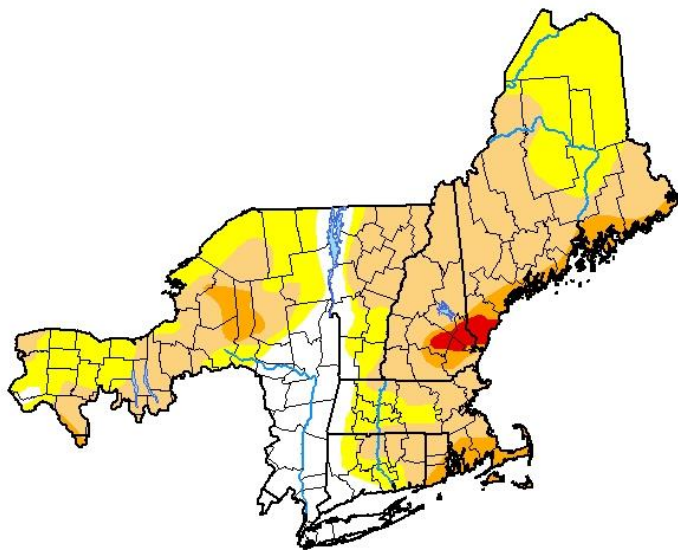
The rains.. and snow... helped! One month alone does not completely erase our deficits. Droughts do not take the winter off!

Keep monitoring and reporting Conditions where you are.

Every drop counts and zeros do too!

## U.S. Drought Monitor Northeast RFC

**November 3, 2020**  
(Released Thursday, Nov. 5, 2020)  
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
<b>Current</b>	16.54	30.25	44.74	7.31	1.16	0.00
<b>Last Week</b> 10-27-2020	10.85	23.12	50.54	11.52	3.98	0.00
<b>3 Months Ago</b> 08-04-2020	15.93	33.57	47.13	3.37	0.00	0.00
<b>Start of Calendar Year</b> 12-31-2019	100.00	0.00	0.00	0.00	0.00	0.00
<b>Start of Water Year</b> 09-29-2020	5.16	22.39	24.44	40.31	7.69	0.00
<b>One Year Ago</b> 11-05-2019	98.08	1.92	0.00	0.00	0.00	0.00

*Intensity:*

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>*

*Author:*

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NOAA/NWS/NCEP/CPC



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

For a viewing explanation on the Drought Monitor, the CoCoRaHS animated video is on [YouTube](#).

## **Wrap up**

Veterans Day is approaching. A hearty thanks to those members of our network who measure and report within our army of volunteer observers with the same commitment, the same duty-bound determination as they had when they were part of our armed forces. Thank you for your service.

Thanksgiving is approaching too. A unique holiday, each year by presidential proclamation, a National Day of Thanksgiving, in which we pause to give thanks.

Thank you for your volunteer participation in our citizen science network. Behind each number, each dot on the map, is a person with a story. Thank you for telling your story with every report and everything that you type.

Thank you for making our part of the network the growing success that it is. Many dimensions from Daily Reporting, not missing days, Condition Monitoring Reports, Significant Weather Reports, and the Rulers of the Snow have caught Nolan's eye, all continues to rise thanks to your efforts.

The staff at Headquarters would like to express their thanks, at this time of the year, to the observers who reported from October 2019 to September 2020. Login in to your account on the website and access [My Account](#) . Towards the upper right, within your 2020 Water Year, click on the link for Certificate. That action will download a pdf file containing your Certificate of Appreciation, where you can view or print it. Please pass on your feedback about this Certificate to the team at Headquarters at [info@cocorahs.org](mailto:info@cocorahs.org)

Every one of our monthly newsletters concludes with a word of thanks and this season of Thanksgiving will conclude in the same way. Thank you for all that you do for CoCoRaHS, whether in the past, present and in the days to come.