

Community Collaborative Rain, Hail & Snow Network



Southern



New England

December 2020

The rains are coming, and little by little we are inching our way out of the drought that developed over the summer. The snow that came with the end of October was quickly washed away.

The story that your reports told was one where Zeros dominated the month of November by a 18:12 margin, and there were not many big rain or big snow events. The Rulers of the Snow shined through, as the number of stations reporting snow fall and snow depth reach yet another record level. Our snow depth reporting continues to climb over last November's levels.

In this month's newsletter, Joe gives us the latest update with our improving Drought conditions. The New Map that rolled out in August, continues to get updates. If you are using the mobile app, be sure to check out The New Map. New Snow Fall is the next round of winter weather observing tips. Accuracy matters with the additional measurements that you are reporting. Comments that verify and clarify your reported values help greatly.

We start off with The Grand List Observers. 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.

4000 Daily Reports

MA-BA-1 Yarmouth 2.3 SSE

1000 Daily Reports

CT-LT-22 New Milford 5.3 SSW
MA-WR-58 Lunenburg 0.6 NE
RI-WS-42 Richmond 4.6 NNE
MA-BE-2 Great Barrington 0.4 N
MA-MD-93 Westford 1.5 SSW
CT-NH-39 West Haven 0.8 W

Drought Summary







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

As you've probably noticed from checking your rain gauge lately, we've emerged into a wetter weather pattern over the past few weeks. Why is that? The jet stream has begun to shift into a more typical pattern for fall and early winter featuring a flow of warm, moist air from the south combined with colder air from Canada. The clash of these two air masses led to strong low-pressure systems in late October and this past weekend, and a number of strong cold fronts that were accompanied by heavy rainfall.

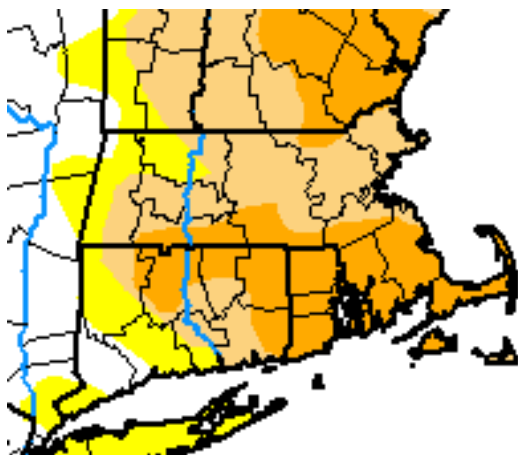
As a result, drought conditions have steadily improved since September.

On the left image below, you can see widespread D1-D2 conditions covering much of southern New England. There were actually areas of D3 conditions in Rhode Island and southeast Massachusetts later in the month. Since then, our most recent Drought Monitor shows widespread D0 conditions with some areas of D1 conditions in south coastal Rhode Island and Massachusetts.

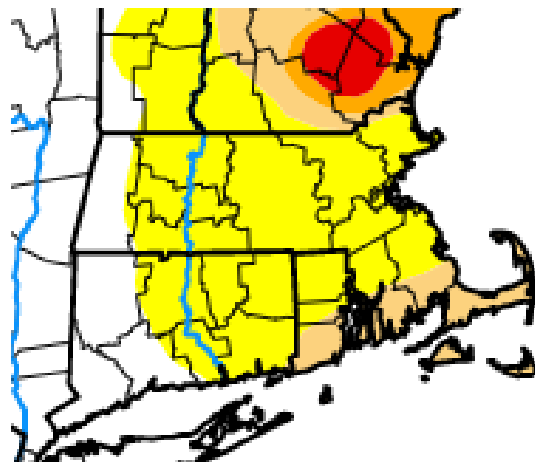
Intensity:

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

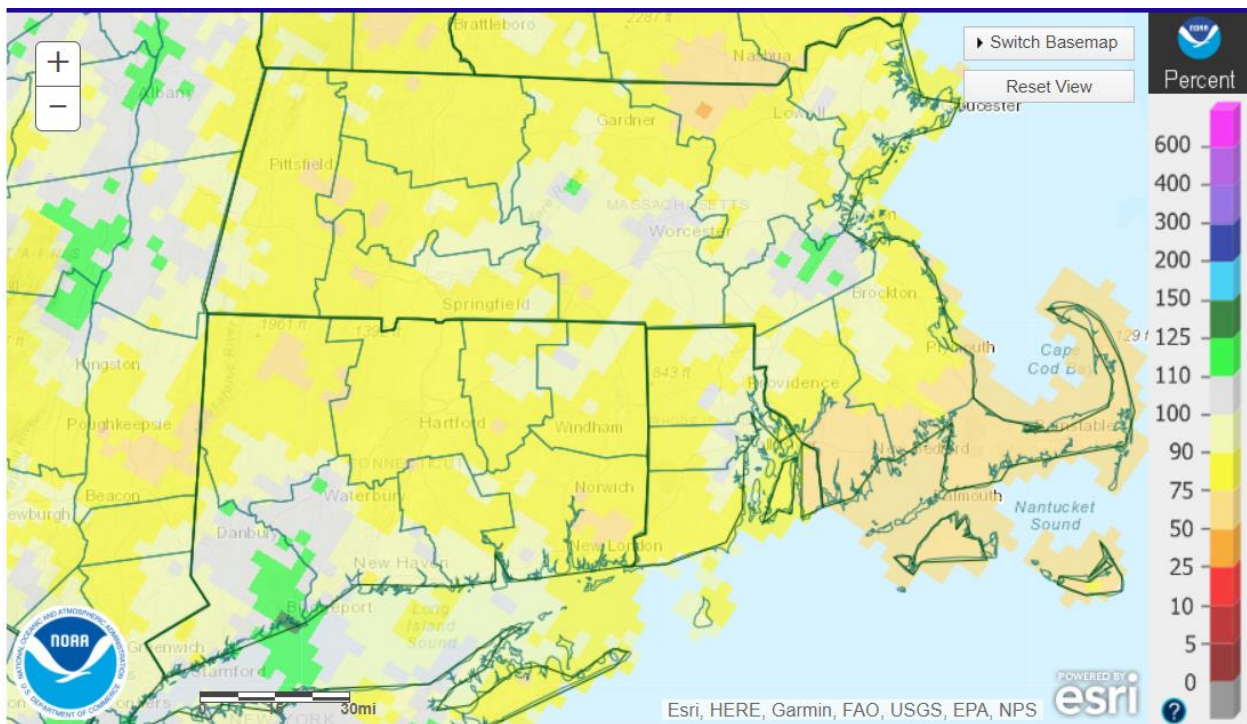
September 1, 2020



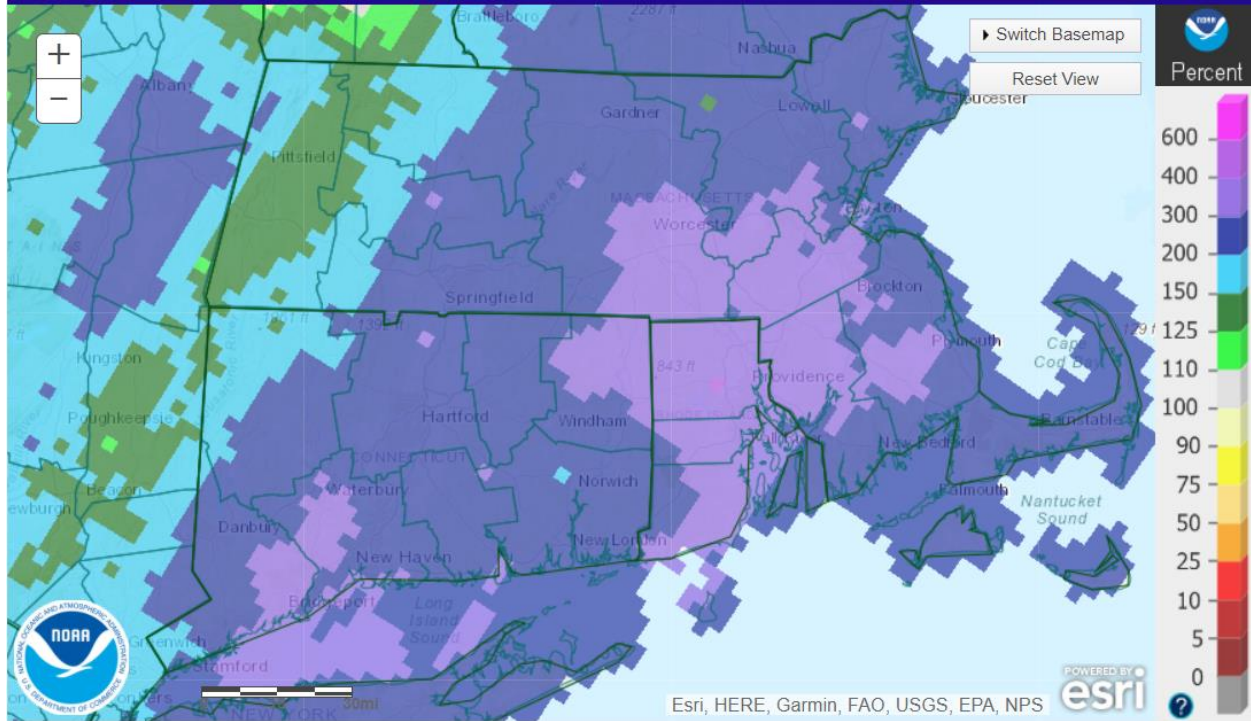
December 3, 2020



The images below highlight the reasons for improving drought conditions in our region. Many of the drought indicators, including percent of normal precipitation, show deficits at longer time ranges but less so in the shorter term. In the first image, you can see just about all of the region had below normal precipitation when looking at the past 6 months. Only a few spots in southwest Connecticut and near Boston were near normal, which is mainly due to excesses in shorter term rainfall over the past few weeks. Speaking of which, in the second image, note how all of the region had above normal precipitation over the past 2 weeks, in some cases as much as 300 to 400% of normal! This has essentially wiped out any areas of significant drought conditions.



Percent of normal precipitation over the past 6 months



Percent of normal precipitation over the past 2 weeks

Keep in mind that your Condition Monitoring Reports (CMR) are used along with other inputs for the Drought Monitor. In our area, the process starts with a discussion among several entities in our region including NWS offices, the US Geological Survey, and Northeast Regional Climate Center. Their input is forwarded each week to the national Drought Monitor authors for inclusion into the map. Sending a CMR each week helps with drought (or flood) assessment, even in the winter months! You can check the November newsletter for more information on how to report a CMR.

News Items

The New Map: Yes, the one that came out in August of this year. <https://maps.cocorahs.org> Last month saw another improvement to The New Map.

Map Options

Actions

Update Map

Copy Link to Map

Where

Zoom to Current Location

Location (State, City, or Zip) GO

All Countries

What

Precipitation

When

Daily

12/08/2020

4:30 AM - 9:30 AM local obs time

Towards the bottom of this image on the left, Observation Time can be changed by left-click-and-hold-and-slide any of the two balls that determine the Observation Time for the values on the map.

The old/original map was rigid. Only those reports where the observation was between 430am-930am were displayed. With this modification, you can select which reports you want to see.

Whether you use the mobile app or the website, spend some time with The New Map and learn about this and more that is available.

Observation Time: With this modification on The New Map, it becomes even more important to be honest and accurate with the Observation Time of your reports.

Ours is a 24-hour reporting network. Stick to your normal obs time, regardless if it's one of those two-or-so

days each month where it is precipitating at obs time. If you're going to measure and report more than 4 hours beyond your normal obs time, if you are going to wait it out, try to capture the entire precip event, please, submit a Multi-Day Report the next day.

Observer Tips

New Snow Fall Measuring and Reporting: Last month, we mentioned to focus on the gauge catch. What falls in the gauge should be melted and reported as precipitation, as you do with rain throughout the year. Please do not mix up New Snow depth with the precip amount in the 1st reported value.

This month, we mention New Snow. A point of emphasis this year is: If you do not cut a core and find its liquid amount, **report “NA” for that 3rd value. What falls in the gauge CAN be different than what you find in a core measurement.** We know it is quicker to just duplicate the value from the 1st measurement, but it is striking to see **so many reports of equal values of core and gauge catch**, especially with wind and with mixed precipitation.

On to measuring New Snow.

Three larger guidelines to pass on.

- 1) We work. We sleep. We have other activities.
- 2) Do the best that you can.
- 3) Write measurements down. Math and memory go better when you write down your measurements.

- ❄️ Have an open spot, away from buildings and trees.
- ❄️ Use a snow measuring board. Measuring off grass, the picnic table, the wood deck near the house, can result in different amounts.
- ❄️ Measure new snow to the nearest 0.1”.
- ❄️ Measure as soon as the snow ends or changes over to sleet/rain. Snow does settle, or melt, over time.
- ❄️ Snow Water Equivalent (SWE) is determined by cutting a core with your empty 4” diameter gauge and melting with a measured and known amount of hot tap water, or by weighing its contents.

On the Daily Report form, report the snow fall as the 2nd reported value, and the melted core, or SWE, as the 3rd reported value. A written comment that verifies and clarifies your reported amounts... helps greatly!

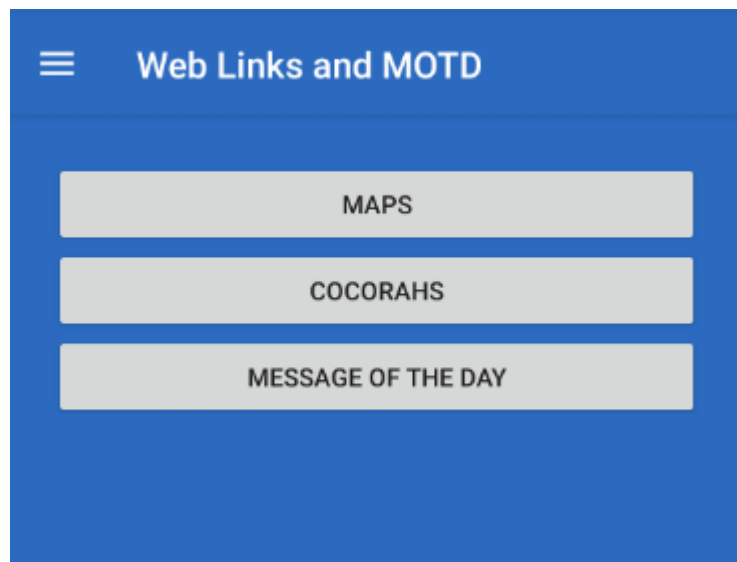


Significant Weather Reports: It is as easy to remember as 1-2-3

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

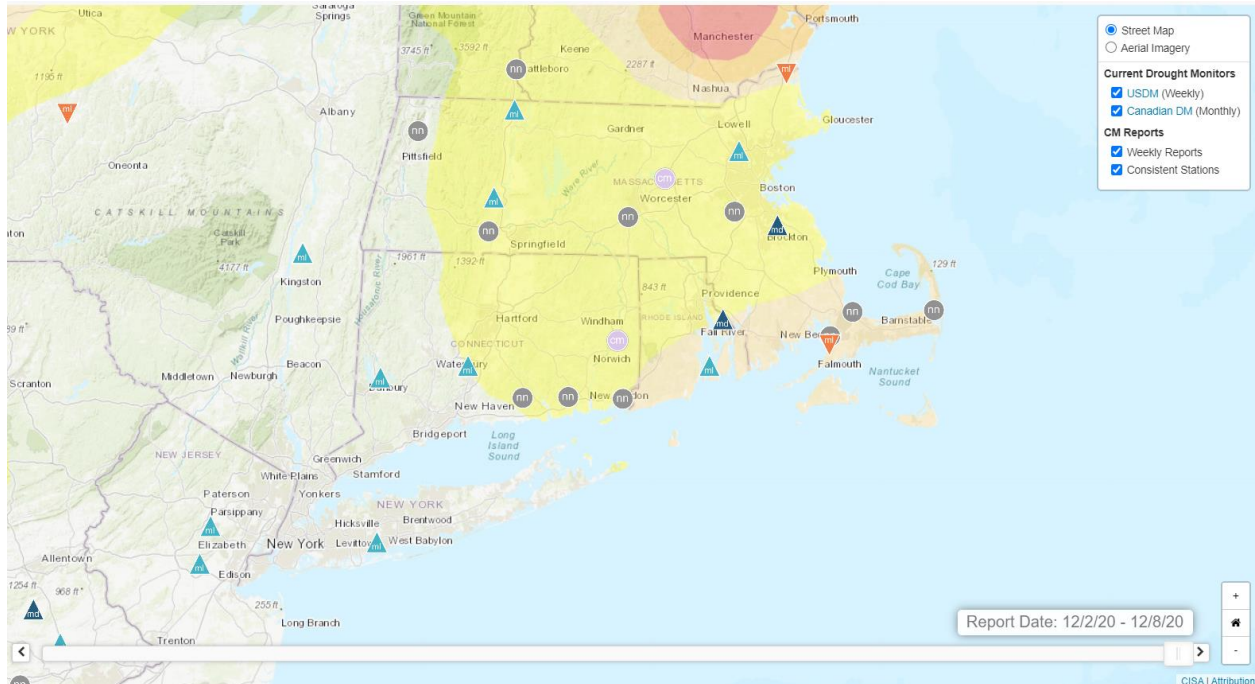
mPING app for Apple and Android: As the mix bag of rain and snow comes this winter, mPING has it covered. Rain, Freezing Rain, Ice Pellets/Sleet, all the way to Mixed Rain and Ice Pellets. Use mPING to report precip type and reduced visibility in real time.

From the Mobile App: Functionality is there with the mobile app to get to the CoCoRaHS website, and the Message of the Day.



Condition Monitoring Reports: What impacts are you seeing from the precipitation? Too much snow? Not enough snow? Are the reservoirs filling up? 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 Stonington 0.5 NNE
Sun Dec 06 2020

Close to 3.5" of rain in the last week. The soil in my yard is soggy. Puddles in the lower lying spots. The local reservoir is back to 100% full and vigorously overflowing. Hasn't done that since late June. That's the longest stretch of time it's been <100% full in my memory. grass is staying green. Afraid I might have to mow it one more time.

CT-NL-18 -- General Awareness, Plants And Wildlife, Water Supply And Quality

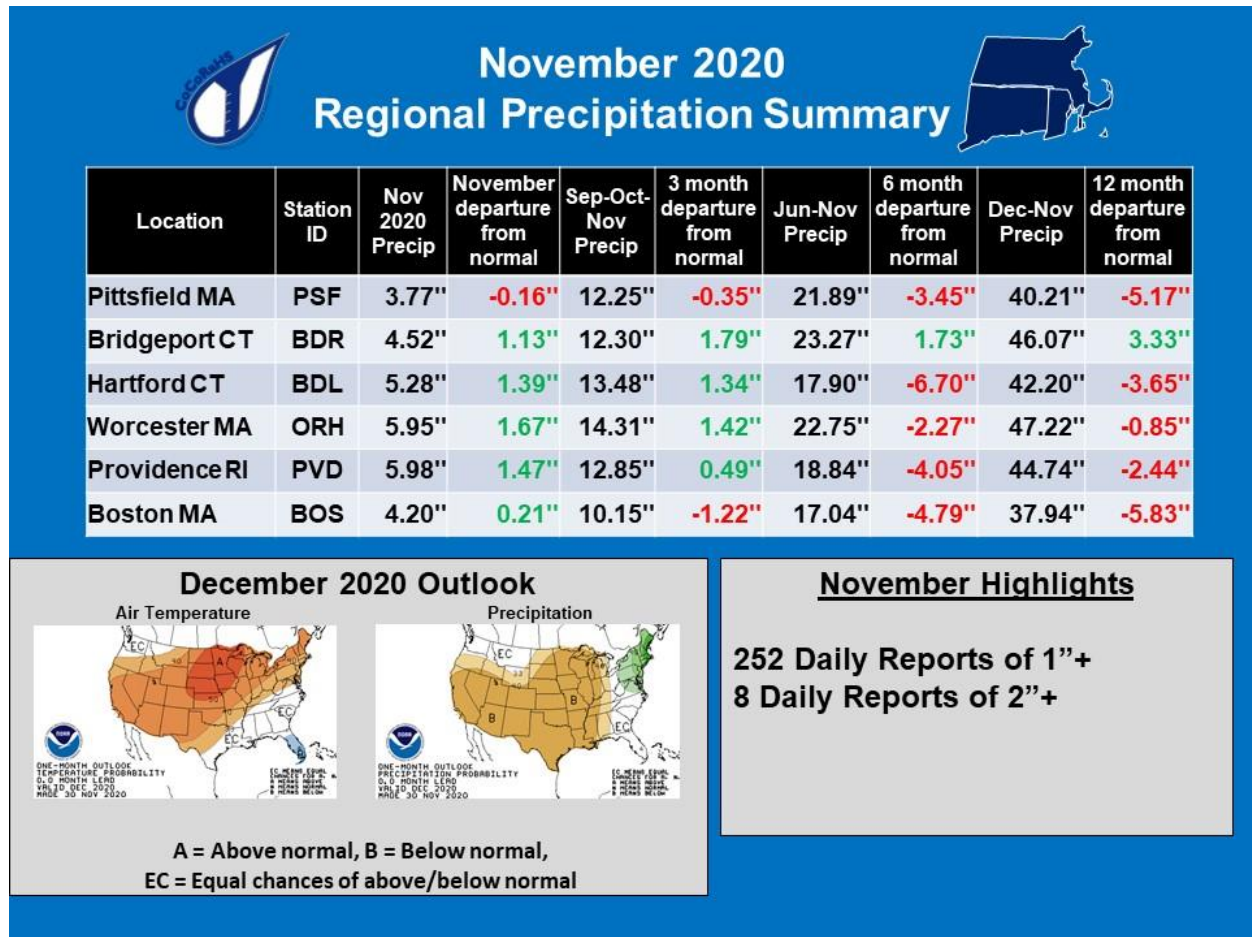
nn Auburn 2.6 SW
Sun Dec 06 2020

4.5 inches of melted precipitation this week-conditions might even be bordering on mildly wet, 5.1 inches of snow from the Saturday storm, streams and ponds were at normal levels even before yesterday's storm. Lawn looked like it was still slowly growing before yesterday's storm.

MA-WR-41 -- General Awareness, Agriculture, Fire, Plants And Wildlife, Water Supply And Quality

Detail and Summary for November 2020

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

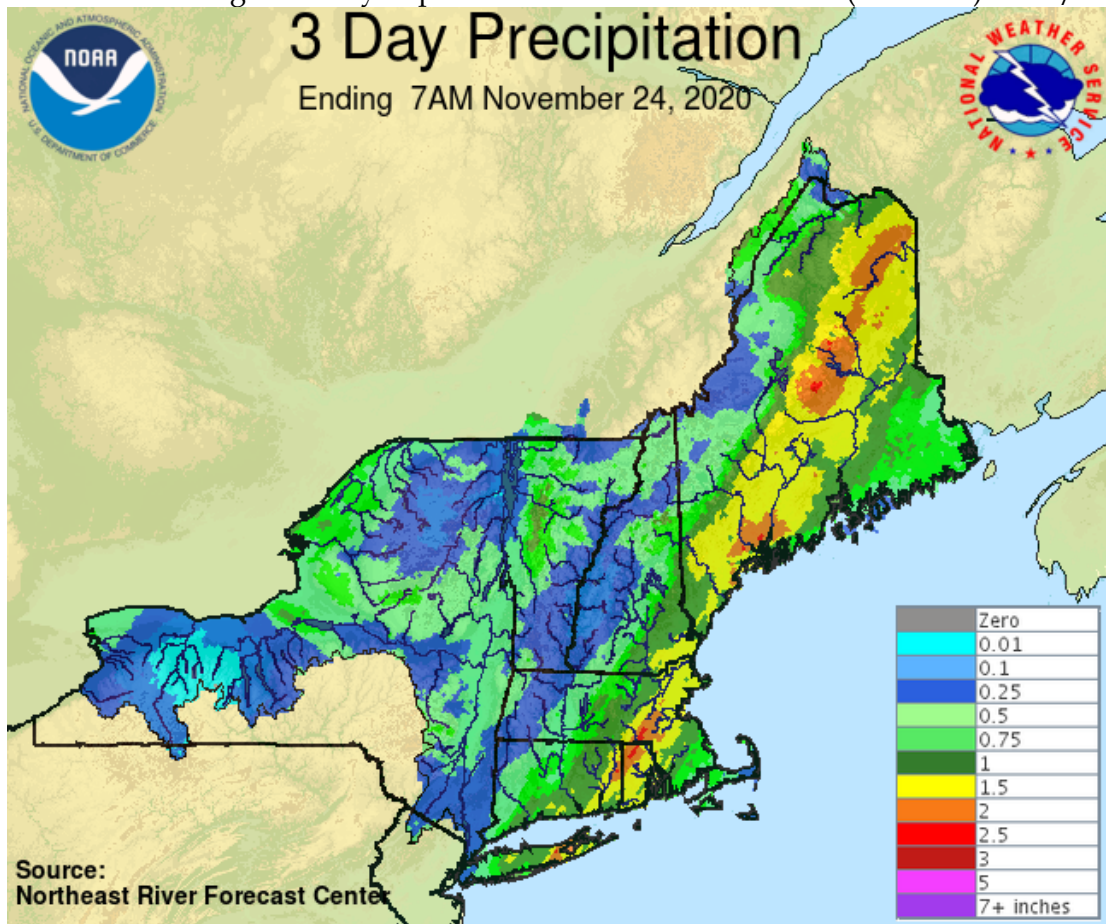


The month started with snow on the ground from the snow received on Oct 31st, but the rain washed the snow away reported on the 2nd, ending with wind and light snow in north and west sections for the 3rd. A stretch of zeros ending with rain on the 12th, 1"+ in southern Fairfield County. More rain reported on the 13th and 14th. A line of strong storms and a Tornado Warning for the 16th. Significant Weather Reports with rain reported on the 23rd, except for the Cape and Islands. A swath of 1"+ rain from New London to Newburyport on the 24th, the Main Event for the month, with the map on the next page. More to the west on the 26th into the 27th

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

From your reports for November 2020

Observers reporting	471
Reported all 30 days	277
Completed by Multi-Day Reports	38
Missing 1 or 2 reports	66
Daily Reports	12,170
Zero Reports	7,334
Non-Zero Reports	4,836
Daily Comments	2,167
Multi-Day Reports	150
Condition Monitoring Reports	115
Significant Weather Reports	14
Hail Reports	0
Snowfall Reports	7,229
Snow Depth Reports	4,342
Total SWE Reports	2,748
Highest Daily Report	2.20" from Groveland MA (MA-ES-4) on 11/23



Like October's Newsletter, rains at the book-ends of November, caused complications in looking over the Multi-Day Reports.

Keep a continuous record of precipitation reports during the winter months. Keep the focus on the Gauge Catch. Yes, there is an enthusiasm and a curiosity to find the new snow depth, but ours is primarily a precipitation network. Find the liquid content of what falls in your gauge with each snow event this winter, and report that value as the 1st value on the report form.

Not much of a drop off from October. Over 300 stations again, on this list.

	Watershed Name	Station Number	Station Name	Precip
01070004	Nashua			
0107000401	North Nashua River	MA-WR-44	Westminster 0.6 WSW	3.39"
0107000401	North Nashua River	MA-WR-8	Fitchburg 1.6 SSW	2.37"
0107000401	North Nashua River	MA-WR-22	Fitchburg 2.0 NNE	3.29"
0107000402	Headwaters Nashua River	MA-WR-89	Holden 0.9 SSE	3.41"
0107000402	Headwaters Nashua River	MA-WR-56	Sterling 4.3 NW	3.14"
0107000402	Headwaters Nashua River	MA-WR-58	Lunenburg 0.6 NE	2.54"
0107000402	Headwaters Nashua River	MA-MD-25	Ayer 0.1 SW	2.51"
0107000403	Squannacook River	MA-MD-47	West Townsend 0.5 W	3.26"
0107000403	Squannacook River	MA-MD-36	Townsend 2.6 S	2.37"
01070005	Concord			
0107000501	Sudbury River	MA-MD-156	Marlborough 2.8 ENE	3.05"
0107000501	Sudbury River	MA-MD-89	Sudbury 3.6 W	3.28"
0107000501	Sudbury River	MA-MD-173	Sudbury 2.7 WNW	3.26"
0107000501	Sudbury River	MA-MD-107	Framingham 1.7 E	3.94"
0107000502	Concord River	MA-WR-30	Shrewsbury 1.6 NNE	3.06"
0107000502	Concord River	MA-WR-18	Northborough 0.6 SSE	2.75"
0107000502	Concord River	MA-WR-42	Northborough 2.3 N	2.90"
0107000502	Concord River	MA-MD-115	Hudson 1.4 NW	2.89"
0107000502	Concord River	MA-WR-55	Harvard 2.1 S	2.88"
0107000502	Concord River	MA-MD-12	Acton 1.3 SW	3.11"
0107000502	Concord River	MA-MD-166	Acton 0.5 SW	3.79"
0107000502	Concord River	MA-MD-51	Maynard 0.7 ESE	3.41"
0107000502	Concord River	MA-MD-62	Chelmsford 1.2 E	2.71"
01070006	Merrimack River			
0107000612	Stony Brook - Merrimack River	MA-MD-104	Littleton 2.8 NNW	2.67"
0107000612	Stony Brook - Merrimack River	MA-MD-93	Westford 1.5 SSW	2.49"

0107000612	Stony Brook - Merrimack River	MA-ES-10	Andover 1.5 W	3.49"
0107000613	Shawsheen River	MA-ES-48	Andover 0.6 E	3.33"
0107000614	Powwow River - Merrimack River	MA-ES-66	North Andover 0.3 NW	2.85"
0107000614	Powwow River - Merrimack River	MA-ES-20	Haverhill 0.7 N	3.20"
0107000614	Powwow River - Merrimack River	MA-ES-4	Groveland 0.5 WSW	3.54"
0107000614	Powwow River - Merrimack River	MA-ES-61	Amesbury 2.6 WSW	3.51"
0107000614	Powwow River - Merrimack River	MA-ES-59	Amesbury 1.2 N	3.75"
0107000614	Powwow River - Merrimack River	MA-ES-64	Newburyport 0.4 NNW	3.53"
0107000614	Powwow River - Merrimack River	MA-ES-70	Newburyport 0.6 N	3.52"
0107000614	Powwow River - Merrimack River	MA-ES-56	Newburyport 1.0 ESE	3.25"
01080201	Middle Connecticut			
0108020105	Green River	MA-FR-35	Bernardston 1.0 SW	2.95"
0108020106	Manhan River - Connecticut River	MA-HS-2	Westhampton 1.8 SW	3.27"
0108020106	Manhan River - Connecticut River	MA-HS-8	Williamsburg 1.2 WSW	3.20"
0108020106	Manhan River - Connecticut River	MA-HS-12	Northampton 0.4 S	3.47"
0108020106	Manhan River - Connecticut River	MA-FR-12	Sunderland 1.3 SE	3.21"
0108020107	Batchelor Brook - Connecticut River	MA-HD-13	Springfield 4.1 W	3.08"
01080202	Miller			
0108020201	Upper Millers River	NH-CH-20	Rindge 3.2 ESE	2.88"
0108020202	Lower Millers River	MA-WR-40	Gardner 1.4 SSW	3.76"
01080203	Deerfield			
0108020303	North River	MA-FR-31	Colrain 3.7 WNW	2.87"
0108020305	Lower Deerfield River	MA-FR-22	Ashfield 1.4 NE	3.12"
0108020305	Lower Deerfield River	MA-FR-17	Buckland 1.8 ESE	2.86"
0108020305	Lower Deerfield River	MA-FR-13	Conway 2.9 NW	2.92"
0108020305	Lower Deerfield River	MA-FR-25	Conway 2.7 NW	2.34"
0108020305	Lower Deerfield River	MA-FR-10	Conway 0.9 SW	2.56"
01080204	Chicopee			
0108020401	Swift River	MA-FR-8	New Salem 3.1 S	2.90"
0108020402	Ware River	MA-WR-54	Barre 1.4 NNE	4.17"
0108020403	Quaboag River	MA-WR-75	Warren 2.4 WSW	3.24"
0108020404	Chicopee River	MA-HD-25	Ludlow 2.3 SW	2.63"
01080205	Lower Connecticut			
0108020501	Mill River - Connecticut River	CT-HR-82	Suffield 0.5 NNE	3.20"
0108020501	Mill River - Connecticut River	CT-HR-99	Suffield 3.6 ENE	3.23"
0108020501	Mill River - Connecticut River	CT-HR-57	Suffield Depot 3.3 NNE	3.07"
0108020501	Mill River - Connecticut River	MA-HD-33	Agawam 1.1 SSW	3.03"
0108020501	Mill River - Connecticut River	MA-HD-20	Wilbraham 3.7 SSW	3.56"
0108020501	Mill River - Connecticut River	MA-HD-30	Hampden 2.0 NW	3.54"
0108020502	Scantic River	CT-TL-26	Broad Brook 2.6 ESE	3.52"
0108020502	Scantic River	CT-TL-35	Somersville 0.2 ENE	3.39"

0108020502	Scantic River	MA-HD-32	East Longmeadow 2.3 ESE	3.60"
0108020502	Scantic River	CT-TL-41	Somers 0.3 S	3.85"
0108020502	Scantic River	CT-TL-15	Central Somers 0.3 N	3.64"
0108020503	Park River	CT-HR-49	West Hartford 1.1 W	4.02"
0108020503	Park River	CT-HR-104	West Hartford 1.1 S	3.81"
0108020503	Park River	CT-HR-85	West Hartford 2.3 NNE	3.75"
0108020504	Hockanum River	CT-HR-52	Central Manchester 0.8 N	3.03"
0108020504	Hockanum River	CT-HR-100	Manchester 0.4 ENE	3.12"
0108020504	Hockanum River	CT-TL-19	Vernon 2.8 N	3.30"
0108020505	Roaring Brook - Connecticut River	CT-HR-6	Wethersfield 1.2 WSW	3.20"
0108020505	Roaring Brook - Connecticut River	CT-HR-68	Rocky Hill 1.3 E	3.02"
0108020505	Roaring Brook - Connecticut River	CT-HR-22	East Hartford 1.3 E	2.98"
0108020506	Mattabesset River	CT-HR-80	Kensington 0.7 WSW	3.50"
0108020506	Mattabesset River	CT-HR-65	Newington 1.9 SSW	3.50"
0108020506	Mattabesset River	CT-MD-25	Middlefield 0.6 SE	3.95"
0108020507	Higganum Creek - Connecticut River	CT-MD-23	Higganum 0.7 N	4.18"
0108020507	Higganum Creek - Connecticut River	CT-MD-26	Higganum 0.8 NE	4.13"
0108020509	Eightmile River - Connecticut River	CT-MD-18	Essex Village 0.9 S	4.46"
01080206	Westfield			
0108020601	Headwaters Westfield River	MA-HS-7	Plainfield 2.2 SW	3.49"
0108020601	Headwaters Westfield River	MA-HS-14	Plainfield 2.4 ESE	3.08"
0108020603	Outlet Westfield River	MA-HD-31	Westfield 1.6 SSW	3.10"
0108020603	Outlet Westfield River	CT-HR-88	Suffield Depot 6.0 WNW	3.38"
0108020603	Outlet Westfield River	MA-HD-28	Westfield 2.8 SE	3.20"
01080207	Farmington			
0108020701	Still River	CT-LT-44	Winsted 1.0 WSW	3.96"
0108020701	Still River	CT-LT-15	Colebrook 1.0 NE	4.05"
0108020702	West Branch Farmington River	CT-LT-18	New Hartford Center 1.5 N	3.61"
0108020704	Headwaters Farmington River	CT-LT-9	New Hartford Center 3.2 SW	3.79"
0108020704	Headwaters Farmington River	CT-HR-28	North Canton 0.8 SSW	3.77"
0108020705	Salmon Brook	CT-HR-8	North Granby 1.3 ENE	3.71"
01090001	Charles			
0109000101	Plum Island Sound - Frontal Atlantic Ocean	MA-ES-19	West Newbury 1.8 SSE	3.95"
0109000101	Plum Island Sound - Frontal Atlantic Ocean	MA-ES-46	Georgetown 1.3 ENE	3.56"
0109000102	Ipswich River	MA-MD-85	Wilmington 2.2 WNW	3.34"
0109000102	Ipswich River	MA-MD-125	Tewksbury 3.6 SSE	3.23"
0109000102	Ipswich River	MA-MD-45	Wilmington 1.5 NE	1.60"
0109000102	Ipswich River	MA-MD-160	Reading 1.2 N	3.44"
0109000102	Ipswich River	MA-ES-58	Middleton 1.4 SSW	3.80"
0109000102	Ipswich River	MA-ES-12	Boxford 2.4 S	3.65"
0109000102	Ipswich River	MA-ES-71	Danvers 2.5 NNE	3.32"

0109000103	Essex River - Frontal Atlantic Ocean	MA-ES-41	Danvers 0.8 ESE	3.33"
0109000103	Essex River - Frontal Atlantic Ocean	MA-ES-25	Gloucester 4.3 N	3.01"
0109000103	Essex River - Frontal Atlantic Ocean	MA-ES-22	Rockport 1.0 E	2.55"
0109000104	Saugus River - Frontal Broad Sound	MA-MD-81	Wakefield 0.5 NNW	3.45"
0109000104	Saugus River - Frontal Broad Sound	MA-MD-126	Melrose 0.5 NE	3.40"
0109000104	Saugus River - Frontal Broad Sound	MA-ES-45	Nahant 0.4 N	3.14"
0109000104	Saugus River - Frontal Broad Sound	MA-ES-8	Marblehead 0.8 SW	3.16"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-123	Lexington 1.3 SE	3.56"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-174	Woburn 1.9 WSW	3.87"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-175	Arlington 0.4 WNW	3.29"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-7	Winchester 0.7 SE	3.27"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-44	Medford 1.2 W	3.47"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-11	Cambridge 0.9 NNW	3.46"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-170	Somerville 0.5 W	3.32"
0109000105	Mystic River - Frontal Boston Harbor	MA-SF-10	Chelsea 0.8 N	3.50"
0109000106	Upper Charles River	MA-WR-1	Milford 2.3 NNW	4.13"
0109000106	Upper Charles River	MA-MD-106	Holliston 2.4 W	4.35"
0109000106	Upper Charles River	MA-MD-55	Holliston 0.7 W	4.62"
0109000106	Upper Charles River	MA-MD-42	Holliston 0.8 S	4.30"
0109000106	Upper Charles River	MA-NF-62	Franklin 1.4 SW	4.62"
0109000106	Upper Charles River	MA-MD-158	Sherborn 1.1 NW	4.03"
0109000106	Upper Charles River	MA-NF-11	Millis 2.0 SW	4.12"
0109000106	Upper Charles River	MA-NF-50	Millis 1.4 ENE	3.93"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-MD-120	Natick 1.9 NNE	3.72"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-MD-119	Watertown 1.1 W	3.43"
0109000108	Neponset River - Frontal Boston Harbor	MA-NF-1	Norwood 1.3 NW	4.00"
0109000108	Neponset River - Frontal Boston Harbor	MA-NF-54	Quincy 1.2 W	3.35"
0109000109	Whitmans Pond - Frontal Boston Harbor	MA-NF-32	Quincy 1.8 WSW	3.63"
0109000109	Whitmans Pond - Frontal Boston Harbor	MA-PL-36	Hingham 0.8 ESE	3.01"
01090002	Cape Cod			
0109000201	North River - Frontal Massachusetts Bay	MA-PL-57	Hanson 1.8 N	2.93"
0109000201	North River - Frontal Massachusetts Bay	MA-PL-48	Marshfield 1.5 NNW	3.04"
0109000201	North River - Frontal Massachusetts Bay	MA-PL-2	Sagamore Beach 1.0 NW	3.08"
0109000202	Cape Cod	MA-BA-2	Falmouth 3.1 NNW	2.28"
0109000202	Cape Cod	MA-BA-57	Falmouth 5.7 N	1.92"
0109000202	Cape Cod	MA-BA-50	Falmouth 5.4 NNE	2.47"
0109000202	Cape Cod	MA-BA-17	East Falmouth 1.2 WNW	2.06"
0109000202	Cape Cod	MA-BA-3	Falmouth 3.0 E	2.57"
0109000202	Cape Cod	MA-BA-11	East Falmouth 1.4 ESE	2.49"
0109000202	Cape Cod	MA-BA-83	Mashpee 2.5 W	2.68"
0109000202	Cape Cod	MA-BA-18	Waquoit 0.6 SSW	2.58"

0109000202	Cape Cod	MA-BA-47	Mashpee 2.4 WSW	2.36"
0109000202	Cape Cod	MA-BA-45	Sandwich 0.9 NNE	2.63"
0109000202	Cape Cod	MA-BA-64	Sandwich 1.5 SSE	2.90"
0109000202	Cape Cod	MA-BA-79	Mashpee 0.8 SSW	2.87"
0109000202	Cape Cod	MA-BA-78	Mashpee 4.6 S	2.51"
0109000202	Cape Cod	MA-BA-10	East Sandwich 2.3 SE	3.04"
0109000202	Cape Cod	MA-BA-59	Barnstable 3.6 W	2.88"
0109000202	Cape Cod	MA-BA-60	Hyannis 0.7 WNW	2.76"
0109000202	Cape Cod	MA-BA-76	Barnstable 0.7 NE	2.37"
0109000202	Cape Cod	MA-BA-22	Yarmouth 0.9 NNW	2.46"
0109000202	Cape Cod	MA-BA-72	Yarmouth 2.0 S	2.87"
0109000202	Cape Cod	MA-BA-77	South Dennis 1.0 NW	2.93"
0109000202	Cape Cod	MA-BA-52	Truro 0.8 E	2.54"
0109000202	Cape Cod	MA-BA-27	Wellfleet 0.7 NW	2.25"
0109000202	Cape Cod	MA-BA-68	Eastham 1.9 WSW	2.46"
0109000202	Cape Cod	MA-BA-42	Orleans 1.8 S	2.40"
0109000202	Cape Cod	MA-BA-51	Orleans 3.0 S	2.52"
0109000202	Cape Cod	MA-BA-12	Orleans 1.1 E	2.22"
0109000202	Cape Cod	MA-BA-30	Eastham 0.6 SW	2.11"
0109000202	Cape Cod	MA-BA-43	Chatham 0.4 WSW	2.25"
0109000204	Paskamanset River - Frontal Buzzards Bay	MA-BR-14	Dartmouth 2.5 SSW	4.03"
0109000204	Paskamanset River - Frontal Buzzards Bay	MA-BR-52	New Bedford 4.3 N	3.98"
0109000205	Sakonnet Point - Frontal Rhode Island Sound	RI-NW-5	Little Compton 1.7 NW	3.62"
0109000205	Sakonnet Point - Frontal Rhode Island Sound	RI-NW-17	Tiverton 4.4 SSE	5.44"
0109000205	Sakonnet Point - Frontal Rhode Island Sound	RI-NW-7	Little Compton 0.6 E	4.02"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-21	Chilmark 0.9 E	2.62"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-5	West Tisbury 2.9 N	2.99"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-9	West Tisbury 0.4 S	2.79"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-2	Vineyard Haven 0.8 WSW	2.84"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-18	Oak Bluffs 0.1 SW	2.92"
0109000207	Nantucket Island	MA-NT-9	Nantucket 5.9 ESE	3.07"
01090003	Blackstone			
0109000301	Upper Blackstone River	MA-WR-41	Auburn 2.6 SW	3.43"
0109000301	Upper Blackstone River	MA-WR-43	Leicester 2.4 ESE	3.26"
0109000301	Upper Blackstone River	MA-WR-81	Worcester 1.6 SE	3.17"
0109000301	Upper Blackstone River	MA-WR-69	Northbridge 1.7 WNW	3.45"
0109000302	Lower Blackstone River	RI-PR-50	Harrisville 1.2 SSE	4.66"
0109000302	Lower Blackstone River	RI-PR-28	North Smithfield 0.7 SE	4.32"
0109000302	Lower Blackstone River	RI-PR-89	Woonsocket 1.8 WNW	4.79"
0109000302	Lower Blackstone River	MA-NF-26	Bellingham 2.4 S	4.64"
0109000302	Lower Blackstone River	RI-PR-55	Cumberland Hill 3.6 NNE	4.12"

01090004	Narragansett			
0109000401	Upper Taunton River	MA-BR-30	Taunton 3.9 N	3.10"
0109000401	Upper Taunton River	MA-NF-31	Stoughton 1.2 E	3.95"
0109000401	Upper Taunton River	MA-PL-22	East Bridgewater 0.3 WSW	2.96"
0109000401	Upper Taunton River	MA-PL-15	Abington 1.2 NNE	2.61"
0109000401	Upper Taunton River	MA-PL-23	Pembroke 2.8 SW	3.26"
0109000402	Middle Taunton River	MA-PL-31	Bridgewater 1.8 SE	3.22"
0109000402	Middle Taunton River	MA-PL-17	Plympton 0.9 NNE	3.48"
0109000403	Threemile River	MA-NF-19	Foxborough 1.8 SSW	4.27"
0109000403	Threemile River	MA-BR-55	NWS Boston/Norton 2.5 ESE	3.16"
0109000404	Ten Mile River	MA-BR-23	Attleboro 0.9 ENE	3.85"
0109000405	Woonasquatucket River-Moshassuck River	RI-PR-33	Greenville 0.7 NNW	4.26"
0109000405	Woonasquatucket River-Moshassuck River	RI-PR-51	North Smithfield 0.6 S	4.38"
0109000405	Woonasquatucket River-Moshassuck River	RI-PR-82	Providence 1.6 NNW	3.81"
0109000405	Woonasquatucket River-Moshassuck River	RI-PR-53	Providence 1.7 N	3.32"
0109000406	Pawtuxet River	RI-KN-21	Coventry 1.9 NE	4.09"
0109000406	Pawtuxet River	RI-PR-71	Cranston 1.3 N	3.83"
0109000406	Pawtuxet River	RI-PR-57	Cranston 1.2 SSE	3.76"
0109000406	Pawtuxet River	RI-PR-44	Cranston 4.2 ENE	3.49"
0109000407	Palmer River	RI-BR-11	Bristol 2.0 NNW	3.71"
0109000407	Palmer River	MA-BR-2	Rehoboth 2.1 N	3.45"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-61	Mansfield 2.4 ENE	3.84"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-3	Norton 1.8 NNE	3.77"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-16	Somerset 0.4 SSE	4.23"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-64	Somerset 0.8 NE	3.97"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-58	Dighton 3.3 NNW	3.24"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-8	Dighton 1.1 WSW	3.69"
0109000409	Narragansett Bay	RI-WS-54	North Kingstown 2.7 WSW	4.37"
0109000409	Narragansett Bay	RI-WS-50	North Kingstown 3.1 NW	4.14"
0109000409	Narragansett Bay	RI-WS-31	Kingston 7.5 NNE	3.91"
0109000409	Narragansett Bay	RI-WS-44	North Kingston 1.5 SSW	4.52"
0109000409	Narragansett Bay	RI-WS-66	Narragansett 2.9 N	4.58"
0109000409	Narragansett Bay	RI-KN-2	East Greenwich 2.3 ESE	3.77"
0109000409	Narragansett Bay	RI-KN-23	Warwick 3.2 NNE	3.23"
0109000409	Narragansett Bay	RI-KN-31	Warwick 0.8 ENE	3.24"
0109000409	Narragansett Bay	RI-PR-67	Providence 1.6 NE	3.60"
0109000409	Narragansett Bay	RI-PR-84	Providence 2.7 NNE	3.72"
0109000409	Narragansett Bay	RI-NW-18	Jamestown 0.3 SSE	4.40"
0109000409	Narragansett Bay	RI-PR-77	Riverside 0.8 SE	3.33"
0109000409	Narragansett Bay	RI-BR-5	Barrington 1.3 WNW	3.39"
0109000409	Narragansett Bay	RI-NW-27	Newport 1.3 SW	4.69"

0109000409	Narragansett Bay	RI-NW-4	Middletown 1.1 SW	3.47"
0109000409	Narragansett Bay	RI-NW-16	Portsmouth 1.3 S	4.43"
0109000409	Narragansett Bay	MA-BR-63	Swansea 2.1 W	3.91"
0109000409	Narragansett Bay	RI-NW-28	Portsmouth 3.7 NNE	3.38"
0109000409	Narragansett Bay	RI-NW-20	Tiverton 1.0 SSW	4.26"
01090005	Pawcatuck-Wood			
0109000501	Wood River	RI-WS-1	Hope Valley 3.7 S	4.45"
0109000501	Wood River	RI-WS-64	Hope Valley 1.8 NE	4.59"
0109000502	Upper Pawcatuck River	RI-WS-42	Richmond 4.6 NNE	3.93"
0109000502	Upper Pawcatuck River	RI-WS-37	Kingston 2.4 SW	5.03"
0109000503	Lower Pawcatuck River	CT-NL-40	Pawcatuck 1.8 SSE	4.89"
0109000503	Lower Pawcatuck River	RI-WS-30	Westerly 2.4 NNW	4.55"
0109000503	Lower Pawcatuck River	RI-WS-47	Westerly 0.8 WNW	4.83"
0109000504	Frontal Block Island Sound	RI-WS-36	Charlestown 3.0 WSW	4.75"
0109000504	Frontal Block Island Sound	RI-WS-58	Kingston 0.3 SW	4.90"
0109000504	Frontal Block Island Sound	RI-WS-55	Wakefield 0.8 ENE	5.00"
01100001	Quinebaug			
0110000102	French River	MA-WR-88	Leicester 2.5 WSW	3.64"
0110000102	French River	MA-WR-68	Oxford 0.9 SSW	2.93"
0110000103	Fivemile River	CT-WN-4	East Killingly 1.3 SW	4.63"
0110000105	Moosup River	CT-WN-8	Moosup 1.7 NE	5.49"
0110000105	Moosup River	RI-KN-14	Greene 1.4 E	4.28"
0110000106	Pachaug River	CT-NL-21	Griswold 0.9 N	4.63"
01100002	Shetucket			
0110000201	Willimantic River	CT-TL-33	Tolland 3.6 NNE	3.86"
0110000201	Willimantic River	CT-TL-40	Coventry 0.3 NNE	4.20"
0110000201	Willimantic River	CT-TL-24	Stafford Springs 0.8 NE	4.98"
0110000201	Willimantic River	CT-TL-2	Staffordville 0.4 NNW	3.96"
0110000202	Natchaug River	CT-TL-27	Willington 2.7 SE	4.30"
0110000202	Natchaug River	CT-TL-30	Mansfield Center 2.7 NE	3.71"
0110000202	Natchaug River	CT-WN-12	Eastford 2.0 W	3.81"
0110000203	Shetucket River	CT-WN-10	South Windham 1.3 NNE	3.87"
0110000203	Shetucket River	CT-NL-10	Norwich 2.5 NNE	4.93"
01100003	Thames			
0110000302	Thames River-Frontal New London Harbor	CT-NL-5	Oakdale 2.6 WNW	4.85"
0110000302	Thames River-Frontal New London Harbor	CT-NL-6	New London 1.0 NNW	4.32"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-38	Old Lyme 3.4 ESE	5.29"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-29	East Lyme 0.5 SW	5.94"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-32	Niantic 1.1 SW	5.13"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-22	Central Waterford 2.7 SSW	3.99"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-37	Mystic 1.6 W	4.36"

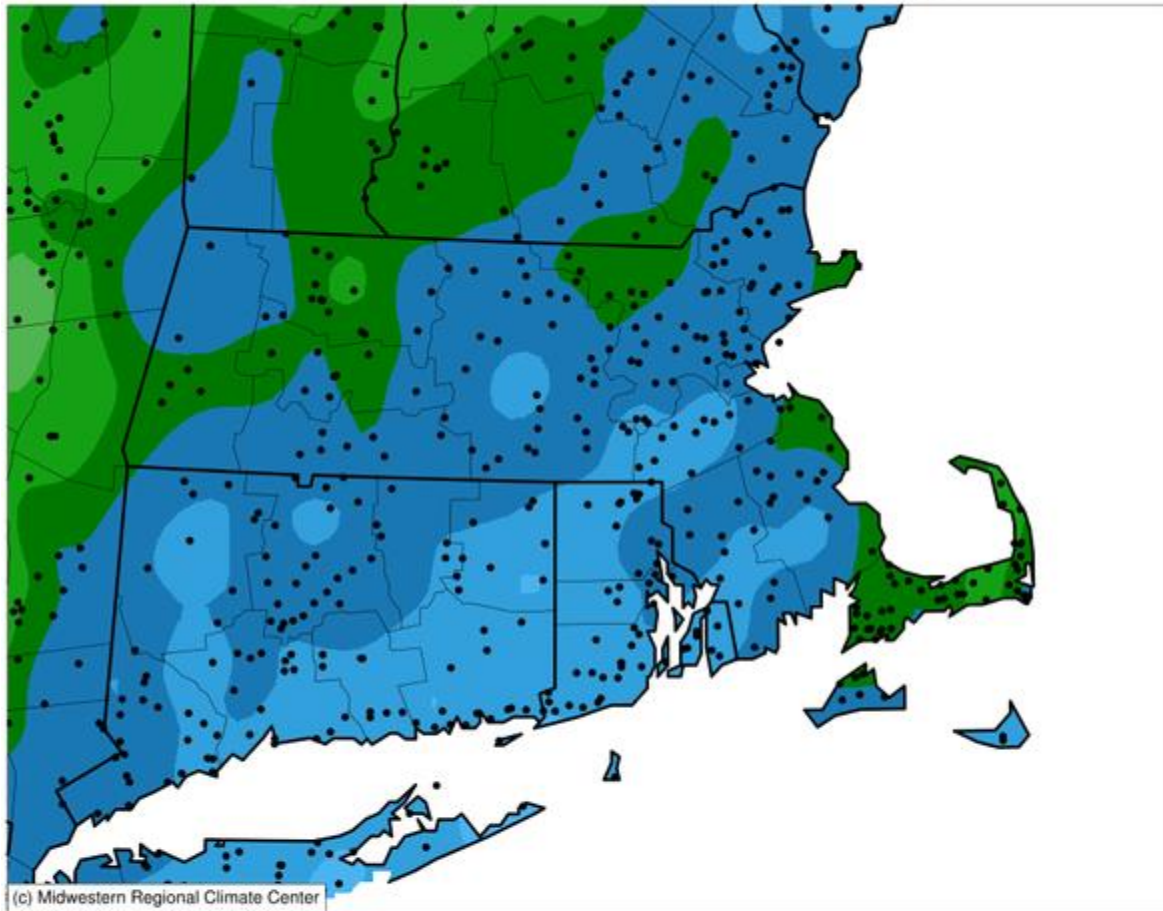
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-19	Mystic 0.9 W	3.97"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-24	Stonington 1.4 NNW	4.37"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-18	Stonington 0.5 NNE	4.14"
01100004	Quinnipiac			
0110000401	Quinnipiac River	CT-NH-14	Prospect 1.9 ENE	3.66"
0110000401	Quinnipiac River	CT-HR-55	Southington 1.7 WNW	3.91"
0110000401	Quinnipiac River	CT-HR-83	Plainville 1.7 SW	4.35"
0110000401	Quinnipiac River	CT-HR-23	Southington 0.9 SSE	3.56"
0110000401	Quinnipiac River	CT-HR-76	Southington 1.0 ENE	3.32"
0110000401	Quinnipiac River	CT-NH-44	Wallingford Center 1.9 WNW	3.81"
0110000401	Quinnipiac River	CT-NH-43	Wallingford Center 3.3 NNW	3.58"
0110000401	Quinnipiac River	CT-NH-75	Meriden 2.8 WSW	3.82"
0110000401	Quinnipiac River	CT-NH-42	Wallingford Center 1.1 N	3.98"
0110000401	Quinnipiac River	CT-NH-72	Northford 0.8 SW	5.58"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-NH-21	East Haven 3.5 SSW	3.99"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-NH-56	Guilford Center 2.7 WSW	4.31"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-NH-50	Madison Center 4.1 N	4.72"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-MD-21	Killingworth 2.6 ESE	3.86"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-MD-27	Clinton 3.7 N	4.32"
0110000403	Mill River - Frontal Long Island Sound	CT-NH-39	West Haven 0.8 W	4.50"
01100005	Housatonic			
0110000501	Headwaters Housatonic River	MA-BE-11	Great Barrington 3.0 N	2.68"
0110000501	Headwaters Housatonic River	MA-BE-20	Lee 3.7 SE	2.84"
0110000501	Headwaters Housatonic River	MA-BE-22	Dalton 2.9 SW	2.93"
0110000502	Williams River - Housatonic River	MA-BE-23	Sheffield 1.6 NW	3.13"
0110000503	Konkapot River-Housatonic River	CT-LT-28	Canaan 4.2 ESE	3.46"
0110000504	Macedonia Brook - Housatonic River	CT-LT-20	Warren 2.4 WNW	3.94"
0110000506	Candlewood Lake-Housatonic River	CT-LT-37	New Milford 3.1 WNW	3.42"
0110000506	Candlewood Lake-Housatonic River	CT-LT-22	New Milford 5.3 SSW	3.21"
0110000508	Still River - Housatonic River	CT-FR-82	Danbury 1.5 SE	3.37"
0110000508	Still River - Housatonic River	CT-FR-43	Bethel 0.5 E	3.17"
0110000508	Still River - Housatonic River	CT-FR-41	Bethel 3.5 NNE	3.60"
0110000508	Still River - Housatonic River	CT-FR-9	Brookfield 3.3 SSE	3.44"
0110000509	Pomperaug River	CT-LT-34	Woodbury Center 1.5 SSW	3.91"
0110000511	Headwaters Naugatuck River	CT-LT-33	Torrington 1.1 SSE	4.23"
0110000512	Outlet Naugatuck River	CT-NH-67	Waterbury 1.3 WNW	4.13"
0110000512	Outlet Naugatuck River	CT-NH-47	Seymour 1.5 NE	3.18"
0110000512	Outlet Naugatuck River	CT-NH-45	Naugatuck 1.7 NNE	3.62"
0110000512	Outlet Naugatuck River	CT-NH-22	Prospect 0.5 SW	3.53"
0110000513	Housatonic River - Frontal Long Island Sound	CT-FR-77	Shelton 2.3 WSW	4.06"
0110000513	Housatonic River - Frontal Long Island Sound	CT-FR-23	Shelton 1.3 W	4.19"

0110000513	Housatonic River - Frontal Long Island Sound	CT-FR-46	Stratford 0.2 ESE	4.52"
01100006	Saugatuck			
0110000601	Saugatuck River - Frontal Long Island Sound	CT-FR-78	Redding 1.4 E	3.52"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-59	New Canaan 3.8 N	3.67"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-29	Ridgefield 1.9 SSE	3.67"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-63	Wilton 1.9 NW	2.85"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-3	New Canaan 1.9 ENE	4.05"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-25	Norwalk 2.9 NNW	4.07"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-68	Fairfield 1.1 SSE	3.95"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-60	Fairfield 1.5 NE	4.32"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-32	Monroe 0.8 W	4.29"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-70	Bridgeport 2.9 NNW	5.14"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-67	Trumbull 1.2 S	4.77"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-26	Stratford 0.9 W	4.19"
0110000604	Mianus River-Rippowam River	CT-FR-39	Stamford 4.2 S	3.50"
0110000604	Mianus River-Rippowam River	CT-FR-83	Darien 2.4 NW	3.75"
0110000604	Mianus River-Rippowam River	CT-FR-35	Darien 1.8 ENE	3.59"
0110000604	Mianus River-Rippowam River	CT-FR-66	Norwalk 1.4 ENE	3.84"
02020003	Hudson-Hoosic			
0202000306	Upper Hoosic River	MA-BE-21	Cheshire 0.5 NNW	3.31"
02020006	Middle Hudson			
0202000603	Wynants Kill - Hudson River	NY-AB-21	NWS Albany	1.80"
0202000606	Kinderhook Creek	MA-BE-24	Hancock 3.6 NNE	3.74"
02030203	Long Island Sound			
0203020300	Long Island Sound	NY-SF-114	Fishers Island 0.5 NE	4.16"

More blue colors. 3"+ for much of the area. The rains from the 23rd – 24th show the area from New London – Newburyport where it was the heaviest, and where the Cape missed out.

Accumulated Precipitation (in)

November 01, 2020 to November 30, 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: 12/7/2020 9:04:47 PM CST

“We do not live at the airport”

This list averaged 4.63”, while our own stations averaged 3.56”. What happened?!?!

These airport stations report midnight-midnight, where we are morning reporters, usually 7am-7am. The rain on November 30th! Included here, but not in our totals. Wait until next month to see the opposite occur.

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

Location	Station ID	Nov 2020 Precip	Nov departure from normal	Sep-Oct-Nov Precip	3 month departure from normal	Jun-Nov Precip	6 month departure from normal	Dec-Nov Precip	12 month departure from normal
White Plains NY	HPN	4.45"	0.48"	12.09"	-1.01"	22.88"	-2.34"	43.23"	-6.12"
Danbury CT	DXR	5.23"	0.98"	12.81"	-0.45"	24.72"	-2.14"	43.96"	-5.91"
New Haven CT	HVN	4.40"	0.47"	10.02"	-2.52"	17.82"	-6.70"	39.42"	-7.69"
Meriden CT	MMK	5.26"	1.33"	13.02"	0.48"	20.99"	-3.53"	49.18"	2.07"
Hartford CT	HFD	4.12"	0.28"	11.60"	0.14"	18.52"	-4.59"	38.18"	-5.42"
Willimantic CT	IJD	5.28"	0.95"	9.77"	-2.96"	17.42"	-7.48"	38.37"	-10.05"
New London CT	GON	4.65"	0.34"	9.75"	-2.42"	14.50"	-9.71"	36.32"	-10.17"
Westerly RI	WST	5.49"	0.97"	11.24"	-1.12"	16.85"	-7.13"	37.19"	-10.20"
Newport RI	UUU	5.22"	0.75"	11.60"	-0.63"	16.48"	-6.72"	36.72"	-9.61"
New Bedford MA	EWB	3.65"	-1.00"	7.74"	-4.64"	11.93"	-11.79"	27.63"	-20.73"
Hyannis MA	HYA	3.41"	-1.07"	8.37"	-4.09"	11.66"	-11.22"	35.48"	-12.21"
Nantucket MA	ACK	4.55"	0.12"	10.14"	-2.25"	13.32"	-9.56"	37.41"	-7.01"
Marthas Vineyard MA	MVY	3.67"	-0.87"	8.31"	-4.50"	11.41"	-11.61"	37.73"	-7.43"
Taunton MA	TAN	5.08"	0.58"	12.31"	-0.80"	19.80"	-4.77"	43.73"	-6.01"
Plymouth MA	PYM	5.25"	0.59"	12.31"	-0.35"	17.75"	-6.14"	45.44"	-3.71"
Norwood MA	OWD	5.41"	0.92"	9.15"	-3.23"	21.39"	-2.59"	45.39"	-1.67"
Bedford MA	BED	4.22"	-0.07"	10.61"	-1.46"	16.56"	-6.80"	35.11"	-10.60"
Lawrence MA	LWM	4.46"	0.63"	11.27"	-0.24"	19.91"	-2.76"	40.98"	-2.18"
Fitchburg MA	FIT	4.67"	0.42"	10.08"	-2.30"	16.10"	-8.41"	31.71"	-15.43"
Orange MA	ORE	3.76"	-0.12"	9.91"	-1.31"	17.13"	-6.20"	37.27"	-5.28"
Westfield MA	BAF	5.28"	1.16"	14.20"	0.84"	20.66"	-5.30"	41.03"	-7.36"
North Adams MA	AQW	4.26"	0.30"	11.12"	-1.69"	19.56"	-6.95"	34.70"	-11.91"

Rulers of the Snow

We are the Rulers of the Snow. We define where the snow is and where it is not. A list of those stations that reported snow fall and snow depth for all days in November.

Another record! 92 stations in November! Even on Fishers Island! Keep making this list longer throughout the winter.

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

Station	Name	Nov 2020 Snowfall	Station	Name	Nov 2020 Snowfall
MA-HS-7	Plainfield 2.2 SW	4.5"	RI-WS-37	Kingston 2.4 SW	0.0"
MA-BE-21	Cheshire 0.5 NNW	2.7"	RI-WS-42	Richmond 4.6 NNE	0.0"
MA-FR-17	Buckland 1.8 ESE	1.7"	RI-WS-47	Westerly 0.8 WNW	0.0"
MA-FR-13	Conway 2.9 NW	1.2"	RI-WS-55	Wakefield 0.8 ENE	0.0"
MA-WR-88	Leicester 2.5 WSW	0.6"	RI-NW-18	Jamestown 0.3 SSE	0.0"
MA-FR-31	Colrain 3.7 WNW	0.5"	RI-NW-7	Little Compton 0.6 E	0.0"
MA-WR-41	Auburn 2.6 SW	0.3"	MA-BR-30	Taunton 3.9 N	0.0"
MA-MD-47	West Townsend 0.5 W	0.3"	MA-BR-55	NWS Boston/Norton 2.5 ESE	0.0"
CT-LT-15	Colebrook 1.0 NE	0.2"	MA-BR-61	Mansfield 2.4 ENE	0.0"
CT-LT-9	New Hartford Center 3.2 SW	0.2"	MA-BR-8	Dighton 1.1 WSW	0.0"
CT-LT-22	New Milford 5.3 SSW	0.0"	MA-MD-115	Hudson 1.4 NW	0.0"
CT-LT-34	Woodbury Center 1.5 SSW	0.0"	MA-MD-119	Watertown 1.1 W	0.0"
CT-FR-25	Norwalk 2.9 NNW	0.0"	MA-MD-12	Acton 1.3 SW	0.0"
CT-FR-3	New Canaan 1.9 ENE	0.0"	MA-MD-125	Tewksbury 3.6 SSE	0.0"
CT-FR-9	Brookfield 3.3 SSE	0.0"	MA-MD-126	Melrose 0.5 NE	0.0"
CT-NH-43	Wallingford Center 3.3 NNW	0.0"	MA-MD-156	Marlborough 2.8 ENE	0.0"
MA-FR-10	Conway 0.9 SW	0.0"	MA-MD-158	Sherborn 1.1 NW	0.0"
MA-FR-12	Sunderland 1.3 SE	0.0"	MA-MD-160	Reading 1.2 N	0.0"
MA-HD-25	Ludlow 2.3 SW	0.0"	MA-MD-42	Holliston 0.8 S	0.0"
MA-HD-28	Westfield 2.8 SE	0.0"	MA-MD-51	Maynard 0.7 ESE	0.0"
CT-HR-22	East Hartford 1.3 E	0.0"	MA-MD-7	Winchester 0.7 SE	0.0"
CT-HR-65	Newington 1.9 SSW	0.0"	MA-MD-81	Wakefield 0.5 NNW	0.0"
CT-TL-19	Vernon 2.8 N	0.0"	MA-MD-85	Wilmington 2.2 WNW	0.0"
CT-TL-2	Staffordville 0.4 NNW	0.0"	MA-ES-12	Boxford 2.4 S	0.0"

CT-TL-27	Willington 2.7 SE	0.0"	MA-ES-4	Groveland 0.5 WSW	0.0"
CT-TL-33	Tolland 3.6 NNE	0.0"	MA-ES-41	Danvers 0.8 ESE	0.0"
CT-TL-40	Coventry 0.3 NNE	0.0"	MA-ES-48	Andover 0.6 E	0.0"
CT-MD-21	Killingworth 2.6 ESE	0.0"	MA-ES-64	Newburyport 0.4 NNW	0.0"
CT-MD-23	Higganum 0.7 N	0.0"	MA-ES-70	Newburyport 0.6 N	0.0"
CT-MD-25	Middlefield 0.6 SE	0.0"	MA-ES-71	Danvers 2.5 NNE	0.0"
MA-WR-75	Warren 2.4 WSW	0.0"	MA-NF-1	Norwood 1.3 NW	0.0"
CT-WN-8	Moosup 1.7 NE	0.0"	MA-NF-11	Millis 2.0 SW	0.0"
CT-NL-21	Griswold 0.9 N	0.0"	MA-PL-15	Abington 1.2 NNE	0.0"
CT-NL-22	Central Waterford 2.7 SSW	0.0"	MA-PL-36	Hingham 0.8 ESE	0.0"
CT-NL-24	Stonington 1.4 NNW	0.0"	MA-BA-12	Orleans 1.1 E	0.0"
CT-NL-29	East Lyme 0.5 SW	0.0"	MA-BA-2	Falmouth 3.1 NNW	0.0"
CT-NL-32	Niantic 1.1 SW	0.0"	MA-BA-3	Falmouth 3.0 E	0.0"
CT-NL-6	New London 1.0 NNW	0.0"	MA-BA-47	Mashpee 2.4 WSW	0.0"
RI-PR-33	Greenville 0.7 NNW	0.0"	MA-BA-50	Falmouth 5.4 NNE	0.0"
RI-PR-44	Cranston 4.2 ENE	0.0"	MA-BA-57	Falmouth 5.7 N	0.0"
RI-PR-50	Harrisville 1.2 SSE	0.0"	MA-BA-64	Sandwich 1.5 SSE	0.0"
RI-PR-51	North Smithfield 0.6 S	0.0"	MA-BA-72	Yarmouth 2.0 S	0.0"
RI-PR-55	Cumberland Hill 3.6 NNE	0.0"	MA-BA-76	Barnstable 0.7 NE	0.0"
RI-PR-82	Providence 1.6 NNW	0.0"	MA-BA-77	South Dennis 1.0 NW	0.0"
RI-KN-14	Greene 1.4 E	0.0"	MA-DK-2	Vineyard Haven 0.8 WSW	0.0"
RI-KN-2	East Greenwich 2.3 ESE	0.0"	NY-SF-114	Fishers Island 0.5 NE	0.0"

November 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.

406 Reports per Day was our record reporting average for November.

November 2020

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 391	2 417	3 398	4 393	5 399	6 395	7 397
8 389	9 395	10 400	11 400	12 431	13 425	14 414
15 407	16 436	17 399	18 402	19 402	20 398	21 397
22 399	23 434	24 419	25 402	26 416	27 410	28 395
29 401	30 409					

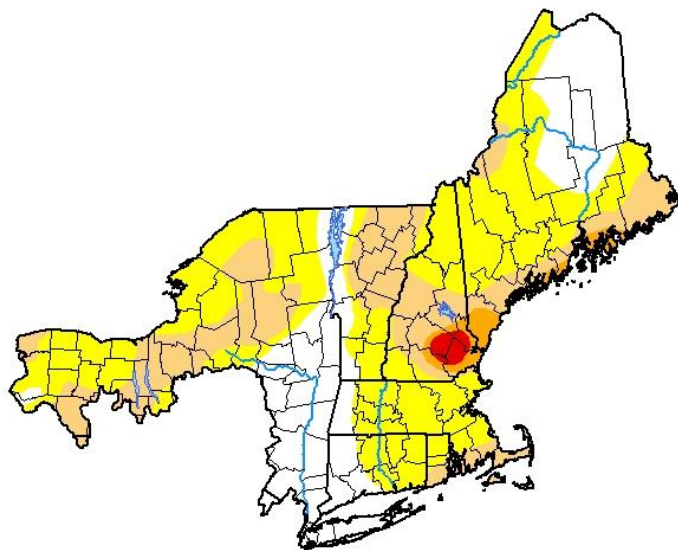
Getting better with each week and with each month.

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

December 1, 2020
(Released Thursday, Dec. 3, 2020)
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
Current	27.20	44.97	24.44	2.55	0.84	0.00
Last Week 11-24-2020	23.05	25.19	45.26	5.04	1.47	0.00
3 Months Ago 09-01-2020	21.76	27.74	32.31	18.19	0.00	0.00
Start of Calendar Year 12-31-2019	100.00	0.00	0.00	0.00	0.00	0.00
Start of Water Year 09-29-2020	5.16	22.39	24.44	40.31	7.69	0.00
One Year Ago 12-03-2019	100.00	0.00	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:

Richard Heim
NCEI/NOAA



droughtmonitor.unl.edu

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

Wrap up

Winter Weather is the subject of our next WxTalk Webinar. This Thursday, December 10th, at 1pm, on **Digging out: Understanding WPC's Winter Weather Desk**. College Park MD is home to our Weather Prediction Center (WPC) and Climate Prediction Center (CPC). Learn about the guidance that WPC's Winter Weather Desk (WWD) provides for weather forecast offices around our nation. All of our WxTalk Webinars are recorded and uploaded on YouTube for later viewing and listening.

The word **solstice** is derived from the Latin sol ("sun") and sistere ("to stand still"). Take in the stillness and the quiet that the early mornings and evenings have during this time of year. The Winter Solstice occurs on 8:30am on Monday December 21. Daylight will increase when we get into January.

Our best wishes to you all, however you spend your year-end holidays.

Thank you for all that you do for CoCoRaHS, whether in the past, present and in the days to come.