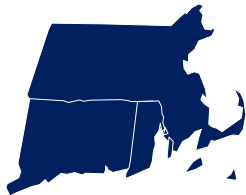


Community Collaborative Rain, Hail & Snow Network



Southern



New England

January 2022

A dull, warm, and not even wet month of December. January is starting off the new year with a different look. Sunshine, cold and a few periods of snow. As you see, the snow pack comes and goes.

Depending upon your daily reporting preference, if you've never seen the other forms, screen shots are provided with all of the daily reporting forms.

We lead off, as we always do, with our version of "The Grand List"

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.

3000 Daily Reports

MA-FR-10 Conway 0.9 SW

2000 Daily Reports

MA-WR-44 Westminster 0.6 WSW
MA-BR-30 Taunton 3.9 N
RI-PR-28 North Smithfield 0.7 SE

1000 Daily Reports

CT-HR-45 Wethersfield 1.9 SSW
MA-ES-59 Amesbury 1.2 N
RI-WS-50 North Kingstown 3.1 NW
MA-FR-31 Colrain 3.7 WNW
CT-HR-82 Suffield 0.5 NNE
RI-WS-30 Westerly 2.4 NNW
MA-WR-75 Warren 2.4 WSW
MA-ES-56 Newburyport 1.0 ESE
MA-BA-80 Brewster 1.4 W

Only YOU Can Prevent Reporting Mistakes

January has started with some widespread snow events. Leading up to these snow events, there have been tips in this Newsletter, simple sentences like “Focus on the Gauge Catch”, links to videos and slides, a new webinar to look at. A reminder was sent with reporting instructions along with a visual aid to help line up the 5 values into the 5 fields. The early results of all of that effort were completely unexpected. There were more reporting mistakes, in total number and in percentages of all reports.

The Common Reporting Mistake keeps occurring. Reports along the lines of 3.50” of precip along with 3.5” of snow fall. Rarely, and I mean extremely rarely, does precip ever equal snowfall. Maybe in an instance of 0.50” of precip coupled with 0.5” of snowfall, and with other small values as well. The reporting form allows the precip value to be the exact same as the snowfall value, but most times, that is an obvious reporting mistake, especially with precip values more than 1”, more than 3” and higher.

More subtle mistakes can and do occur along the lines of reporting the precip amount for the incorrect date, reporting zero when many others surrounding experienced precip for the day, (called false zeros), decimal point errors (remember the image of the “Large Sweet Tea \$100” sign that appeared a few months ago), and what I call “Crazy 8’s”, where 8’s are entered instead of 0’s on the mobile app number pad. (I saw one of these on the map located in Arkansas in the late afternoon on the 13th of January)

Even those that chose to wait out the end of any precip event, rain or snow, with the thought of exercising safety or caution, “Why go outdoors twice?” or “I want to capture and report the entire precip event only once” and use the Daily Report instead of a Multi-Day Report. Here’s the news flash with that approach: Yes, the Daily Report form is for a span of 24 hours up to but no more than 28 hours since your last observation. When the precip ends in the afternoon or evening, and you go beyond 28 hours since your last observation and you are supposed to use a Multi-Day report form.

In the end, take a look at “Daily Comments” Look at the “NA” precip values. And look for all of the occurrences of “EDIT” in the Comments. Those are the reporting mistakes. Maybe one of them is yours, maybe not.

You would think that an ounce of prevention would save a pound of problems. You would think that all or some of the mistakes described above would be prevented from occurring or be given the equivalent of a yield sign before they occur. We see features like that commonly today with many of the online transactions that we make. That is not the way our reporting forms are structured.

More seasoned observers are probably reading this, and thinking, “This was never this big of a problem before, was it?” “Why are we hearing about this here and now?” and all of that would be valid. Understand the background: We have grown in number of observers, we have prompted you to report snow and more and to not miss days, and we now have the New Map. You all may like the New Map. It is feature rich and looks great. But do realize that the New Map is a tool used to assist in the large-scale effort to identify reporting mistakes quicker and easier AFTER they occur.

I am not walking away from this. Far from it. After this is sent to all of you, I am optimistic that there will be a discussion about the several ideas that I have that are focused on prevention and mitigation that I have rattling around in my head. Wish me luck!

I remain hopeful that better days are ahead of us. Until then, we have the rest of the snow season to get through.

It is left to YOU, the volunteer reporting observer. Please. Read, review, understand and follow all of the videos, slides, words, tips, training materials that have been provided to you, for you.

Look over all of your reported values before pressing “Submit”. Look over all of your reported values after pressing “Submit”. There is a pencil icon on the website to make changes to any of your last 7 daily reports. On the mobile app, there is a History function along with “Tap to Edit”.

If you have questions, or are not sure of something, ask a Coordinator.

In a great many ways: Only YOU can prevent reporting mistakes.

News Items

Multi-Day Reports with Daily Reports: We need your help. We need to gather more data on this topic. If you enter a Daily Report and a Multi-Day Report for the same day or same range of dates, **and the system accepts both reports, please email a Coordinator immediately.**

We need to know your station ID, the date in question, what report you submitted first and next, and if you used a web browser or the mobile app to enter the reports.

With these details, we hope to get to the bottom of why this occurs.
Thanks.

Freezing Rain: January often yields freezing rain. Now, you can report freezing rain, and include pictures.

Be alert. Be safe. Check out more on this site.

<https://www.cocorahs.org/Content.aspx?page=ice-accretion-pilot>



Observer Tips

Think before you start reporting: If you miss a day from reporting, or are waiting it out and reporting at a time very different and later than your normal obs time... please... think before chose. Daily Report? Multi-Day Report? Start Date. Obs time. Sure, we can type out a bunch of scenarios, but ultimately it is up to you. Be honest. Be accurate. Avoid date shifting and false zeros. Only YOU can prevent reporting mistakes.

Reporting Forms: An orientation with ours. The Daily Report form. For reports that span 24-hours, and not more than 28-hours since your last observation.

The Website

Accuracy matters!

Mistakes happen with reporting, not with measuring.

Water Equivalent of New Snow:

Comments help!

New Snowfall:

Melted new snowfall snow core

Total Snow and Ice on the Ground (Snow Depth)

Snow Water Equivalent of Total Snow and Ice on the Ground (Mondays):

The screenshot shows the 'Precipitation Report Form' with various input fields and sections. Annotations on the left side of the image point to specific parts of the form:

- Accuracy matters!** points to the 'Observation Date' and 'Observation Time' fields.
- Mistakes happen with reporting, not with measuring.** points to the 'Rain and Melted Snow' field.
- Comments help!** points to the 'Observation Notes' text area.
- New Snowfall:** points to the 'New Snowfall' section.
- Melted new snowfall snow core** points to the 'Melted value from core' field.
- Total Snow and Ice on the Ground (Snow Depth)** points to the 'Total Snow and Ice on Ground' section.
- Snow Water Equivalent of Total Snow and Ice on the Ground (Mondays):** points to the 'Snow Water Equivalent' field.

The form includes fields for Station Number, Station Name, Observation Date (12/19/2011), Observation Time (7:00 AM), and a section for Rain and Melted Snow. It also has a section for New Snowfall with fields for Accumulation and Melted value from core. The bottom section is for Total Snow and Ice on Ground at Observation Time, with fields for Depth and Melted value from core. The form ends with a field for Snow Water Equivalent of Total Snow and Ice on the Ground (Mondays).

The Android App. There are TWO pages to the reporting form.

The image displays two screenshots of the CoCoRaHS Observer Android application. The left screenshot shows the 'Precipitation Report' form with fields for Observation Date (2022-01-08), Observation Time (07:00), and Rain/Melted Snow (in) (0.00). It includes checkboxes for Trace and NA, a link to specify snow and flooding info, an optional notes field, and a SUBMIT button. The right screenshot shows the 'New Snow' section with fields for Accumulation (in.) (NA) and Melted Core (in.) (NA), both with Trace and NA checkboxes. Below this is the 'Total Snow & Ice' section with fields for Depth Total (in.) (NA) and Melted Core (in.) (NA), also with Trace and NA checkboxes. The 'Flooding Info' section shows a dropdown menu set to 'No flooding occurred' and a RETURN button.

“Click to Specify Snow & Flooding Info” open the next page.

“Return” goes back to the first page.

The Apple App There are TWO pages to the reporting form.

The screenshot shows the 'Precip Report' screen in the CoCoRaHS app. At the top, there are three tabs: 'Logout', 'Precip Report' (which is selected), and 'Details'. Below the tabs is the CoCoRaHS logo and the text 'US Units (in) Precipitation Report'. The form contains several input fields: 'Observation Date' with the value '2022-01-09', 'Observation Time' with '07:00', and 'Rain/Melted Snow' with 'NA'. There is a 'More Details' link below the 'Rain/Melted Snow' field. A toggle switch for 'Trace Precip' is also present, currently turned off. At the bottom of the form are 'Cancel' and 'Submit' buttons. The bottom of the screen features a navigation bar with five icons: 'Report', 'Multi-Day Report', 'History', 'Multi-Day History', and 'Other'.

The screenshot shows the 'Detail View' screen in the CoCoRaHS app. At the top, there are two tabs: 'Back' and 'Detail View' (which is selected). The form is divided into several sections: 'New Snow' with a sub-header 'Enter T for Trace', containing 'Accumulation (in/cm)' and 'Melted Core (in/mm)' fields, both with 'NA' values; 'Total Snow & Ice' with a sub-header 'Enter T for Trace', containing 'Depth Total (in/cm)' and 'Melted Core (in/mm)' fields, both with 'NA' values; 'Flooding Info' with a field containing 'not specified'; and 'Additional Notes' with a field containing 'optional notes'. The bottom of the screen features a navigation bar with five icons: 'Report', 'Multi-Day Report', 'History', 'Multi-Day History', and 'Other'.

“More Details” open the next page.

“Back” goes back to the first page.



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

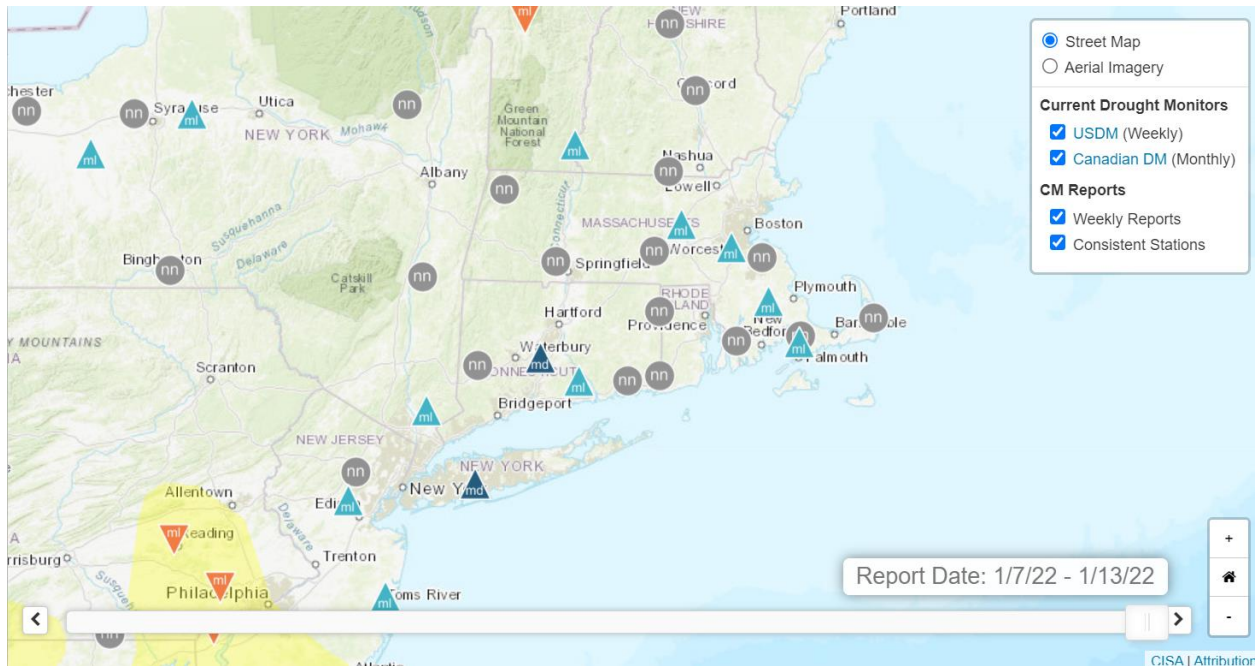
- **1” or more of rain or snow in 1 hour or less.**
- **2” or more of rain.**
- **3” of new snow.**
- **Flooding.**
- **Change of precip type.**
- **Snow total**
- **Anything you feel is significant!**

mPING app for Apple and Android: Citizen Science in action! Use mPING to report precip type and reduced visibility in real time.

Condition Monitoring Reports

Ground frozen? Snow cover? There is still plenty to observe in these winter months.

Thank you for continuing to be the standout group in our network.



nn West Townsend 0.5 W

Thu Jan 13 2022

Comment: Bitter cold set in for about 2 days this week. Very little wildlife activity. Animal Activity: The Juncos returned with the snow. Carolina wrens surprisingly active as well. Plant Activity: none Soil condition: under snow Lawn: dormant Foliage: none Recent Precip: Snow cover: 100% Temporary Stream: dry Pond level: 50-75 % House perimeter drain : dry

MA-MD-47 -- General Awareness, Plants And Wildlife

nn Tiverton 4.4 SSE

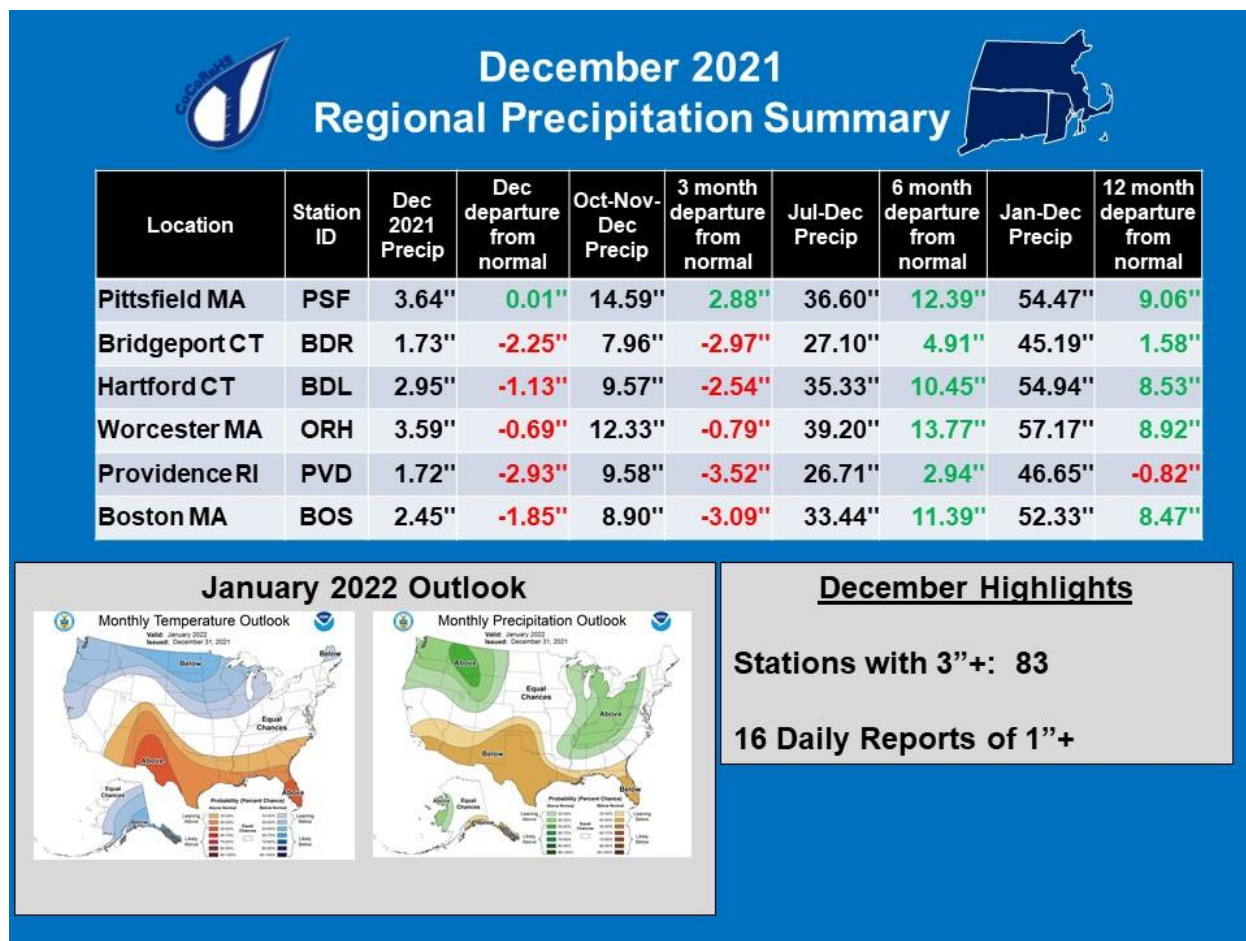
Sun Jan 09 2022

1/2 - 1/8/22 Got our first semi-major snowfall for this winter season. Measured 5.125" and stood around for one day. Now it is melting (1/9) pretty good. Temps have been above normal over the period. Should have a cool down this upcoming week.

RI-NW-17 -- General Awareness, Plants And Wildlife

Detail and Summary for December 2021

From the National Weather Service (NWS) Climate sites for Dec 2021.



From your reports for December 2021

Observers reporting	532
Reported all 31 days	246
Completed by Multi-Day Reports	74
Missing 1 or 2 reports	83
Daily Reports	13,387
Zero Reports	5,693
Non-Zero Reports	7,694
Daily Comments	2,860
Multi-Day Reports	290
Condition Monitoring Reports	89
Significant Weather Reports	11
Hail Reports	2
Snowfall Reports	9,138
Snow Depth Reports	4,978
Total SWE Reports	2,771
Highest Daily Report	1.15" from Hancock MA 3.6 NNE (MA-BE-24) on 12/16

Welcome to another our newest member to this list from Manchester CT.

This List was start a few days ago, so it's possible your station is not listed if you filled in recently.

Cover all days in the month, no NA's for precip – even when it snows, no overlapping Multi-Day reports and your station can be listed here.

This list is sorted by Watershed which is explained further in this 5 minute [video](#).

Watershed	Watershed Name	Station Number	Station Name	Precip
01070004	Nashua			
0107000401	North Nashua River	MA-WR-44	Westminster 0.6 WSW	3.34"
0107000401	North Nashua River	MA-WR-22	Fitchburg 2.0 NNE	3.54"
0107000402	Headwaters Nashua River	MA-WR-56	Sterling 4.3 NW	3.59"
0107000402	Headwaters Nashua River	MA-WR-58	Lunenburg 0.6 NE	3.23"
0107000402	Headwaters Nashua River	MA-MD-25	Ayer 0.1 SW	3.00"
0107000402	Headwaters Nashua River	MA-MD-192	Ayer 0.4 SSE	3.84"
0107000403	Squannacook River	MA-MD-47	West Townsend 0.5 W	3.59"
01070005	Concord			
0107000501	Sudbury River	MA-MD-89	Sudbury 3.6 W	2.84"
0107000501	Sudbury River	MA-MD-178	Framingham 2.0 NNE	2.97"
0107000502	Concord River	MA-WR-28	Berlin 1.3 WSW	3.36"
0107000502	Concord River	MA-WR-42	Northborough 2.3 N	3.07"
0107000502	Concord River	MA-MD-115	Hudson 1.4 NW	3.29"
0107000502	Concord River	MA-WR-55	Harvard 2.1 S	3.46"
0107000502	Concord River	MA-MD-12	Acton 1.3 SW	3.53"
0107000502	Concord River	MA-MD-166	Acton 0.5 SW	3.16"
0107000502	Concord River	MA-MD-51	Maynard 0.7 ESE	3.52"
0107000502	Concord River	MA-MD-62	Chelmsford 1.2 E	3.37"
01070006	Merrimack River			
0107000612	Stony Brook - Merrimack River	MA-MD-104	Littleton 2.8 NNW	3.38"
0107000612	Stony Brook - Merrimack River	MA-MD-105	Littleton 0.9 WSW	3.46"
0107000613	Shawsheen River	MA-MD-52	Lexington 0.6 SW	2.40"
0107000613	Shawsheen River	MA-ES-48	Andover 0.6 E	3.38"
0107000614	Powwow River - Merrimack River	MA-ES-66	North Andover 0.3 NW	3.25"
0107000614	Powwow River - Merrimack River	MA-ES-20	Haverhill 0.7 N	3.34"
0107000614	Powwow River - Merrimack River	MA-ES-4	Groveland 0.5 WSW	3.14"
0107000614	Powwow River - Merrimack River	MA-ES-61	Amesbury 2.6 WSW	3.19"
0107000614	Powwow River - Merrimack River	MA-ES-59	Amesbury 1.2 N	3.82"

0107000614	Powwow River - Merrimack River	MA-ES-68	Newburyport 1.3 WNW	3.27"
0107000614	Powwow River - Merrimack River	MA-ES-70	Newburyport 0.6 N	3.44"
0107000614	Powwow River - Merrimack River	MA-ES-56	Newburyport 1.0 ESE	3.45"
01080201	Middle Connecticut			
0108020106	Manhan River - Connecticut River	MA-HS-2	Westhampton 1.8 SW	4.38"
0108020106	Manhan River - Connecticut River	MA-HS-8	Williamsburg 1.2 WSW	3.70"
0108020106	Manhan River - Connecticut River	MA-HS-26	Easthampton 0.5 SW	3.87"
0108020106	Manhan River - Connecticut River	MA-HS-48	Easthampton 1.0 E	3.83"
0108020106	Manhan River - Connecticut River	MA-HS-21	Northampton 0.6 ESE	3.92"
0108020106	Manhan River - Connecticut River	MA-FR-12	Sunderland 1.3 SE	3.63"
0108020106	Manhan River - Connecticut River	MA-FR-36	Montague 3.4 NNW	4.10"
0108020107	Batchelor Brook - Connecticut River	MA-HD-36	West Springfield 0.3 E	3.65"
0108020107	Batchelor Brook - Connecticut River	MA-HD-13	Springfield 4.1 W	3.66"
01080202	Miller			
0108020201	Upper Millers River	NH-CH-20	Rindge 3.2 ESE	4.24"
01080203	Deerfield			
0108020303	North River	MA-FR-31	Colrain 3.7 WNW	4.22"
0108020305	Lower Deerfield River	MA-FR-17	Buckland 1.8 ESE	3.90"
0108020305	Lower Deerfield River	MA-FR-41	Conway 3.4 WSW	4.21"
0108020305	Lower Deerfield River	MA-FR-13	Conway 2.9 NW	4.05"
0108020305	Lower Deerfield River	MA-FR-10	Conway 0.9 SW	3.90"
01080204	Chicopee			
0108020401	Swift River	MA-FR-8	New Salem 3.1 S	4.02"
0108020402	Ware River	MA-WR-54	Barre 1.4 NNE	4.02"
0108020403	Quaboag River	MA-WR-75	Warren 2.4 WSW	3.97"
01080205	Lower Connecticut			
0108020501	Mill River - Connecticut River	CT-HR-57	Suffield Depot 3.3 NNE	3.47"
0108020501	Mill River - Connecticut River	MA-HD-33	Agawam 1.1 SSW	3.12"
0108020501	Mill River - Connecticut River	CT-HR-5	Enfield 1.5 SE	2.99"
0108020501	Mill River - Connecticut River	MA-HD-30	Hampden 2.0 NW	3.81"
0108020502	Scantic River	CT-TL-46	Broad Brook 3.3 SE	2.47"
0108020502	Scantic River	CT-TL-35	Somersville 0.2 ENE	3.43"
0108020502	Scantic River	CT-TL-41	Somers 0.3 S	3.43"
0108020502	Scantic River	CT-TL-15	Central Somers 0.3 N	3.33"
0108020502	Scantic River	CT-TL-49	Somers 1.2 NE	3.37"
0108020503	Park River	CT-HR-85	West Hartford 2.3 NNE	2.65"
0108020503	Park River	CT-HR-115	West Hartford 1.6 SE	2.18"
0108020504	Hockanum River	CT-HR-100	Manchester 0.4 ENE	2.25"
0108020504	Hockanum River	CT-HR-116	Manchester 2.2 NE	2.29"
0108020504	Hockanum River	CT-TL-19	Vernon 2.8 N	2.74"
0108020505	Roaring Brook - Connecticut River	CT-HR-6	Wethersfield 1.2 WSW	2.38"

0108020505	Roaring Brook - Connecticut River	CT-HR-68	Rocky Hill 1.3 E	2.01"
0108020505	Roaring Brook - Connecticut River	CT-HR-22	East Hartford 1.3 E	2.22"
0108020506	Mattabesset River	CT-HR-65	Newington 1.9 SSW	2.11"
0108020506	Mattabesset River	CT-MD-25	Middlefield 0.6 SE	2.20"
0108020507	Higganum Creek - Connecticut River	CT-MD-23	Higganum 0.7 N	2.16"
0108020507	Higganum Creek - Connecticut River	CT-MD-26	Higganum 0.8 NE	2.06"
0108020508	Salmon River	CT-TL-29	Hebron 1.6 SW	2.01"
0108020508	Salmon River	CT-NL-70	Colchester 0.6 ENE	2.62"
0108020509	Eightmile River - Connecticut River	CT-MD-18	Essex Village 0.9 S	1.78"
01080206	Westfield			
0108020601	Headwaters Westfield River	MA-HS-7	Plainfield 2.2 SW	4.03"
0108020603	Outlet Westfield River	CT-HR-88	Suffield Depot 6.0 WNW	3.88"
0108020603	Outlet Westfield River	MA-HD-28	Westfield 2.8 SE	3.31"
0108020603	Outlet Westfield River	MA-HD-29	West Springfield 1.6 SSW	3.70"
01080207	Farmington			
0108020701	Still River	CT-LT-44	Winsted 1.0 WSW	3.51"
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	2.95"
0108020704	Headwaters Farmington River	CT-HR-70	Canton 1.5 W	1.12"
0108020704	Headwaters Farmington River	CT-HR-71	Bristol 2.7 NNE	2.56"
0108020704	Headwaters Farmington River	CT-HR-28	North Canton 0.8 SSW	3.46"
0108020705	Salmon Brook	CT-HR-8	North Granby 1.3 ENE	3.44"
0108020706	Outlet Farmington River	CT-HR-102	Windsor Locks 3.2 SW	2.99"
01090001	Charles			
0109000101	Plum Island Sound - Frontal Atlantic Ocean	MA-ES-77	Groveland 1.2 NE	3.13"
0109000101	Plum Island Sound - Frontal Atlantic Ocean	MA-ES-19	West Newbury 1.8 SSE	3.43"
0109000102	Ipswich River	MA-MD-85	Wilmington 2.2 WNW	3.04"
0109000102	Ipswich River	MA-MD-125	Tewksbury 3.6 SSE	3.29"
0109000102	Ipswich River	MA-ES-58	Middleton 1.4 SSW	3.81"
0109000102	Ipswich River	MA-ES-12	Boxford 2.4 S	3.23"
0109000102	Ipswich River	MA-ES-71	Danvers 2.5 NNE	3.57"
0109000103	Essex River - Frontal Atlantic Ocean	MA-ES-41	Danvers 0.8 ESE	3.21"
0109000103	Essex River - Frontal Atlantic Ocean	MA-ES-84	Beverly 0.5 SW	3.02"
0109000103	Essex River - Frontal Atlantic Ocean	MA-ES-22	Rockport 1.0 E	3.55"
0109000104	Saugus River - Frontal Broad Sound	MA-MD-126	Melrose 0.5 NE	2.71"
0109000104	Saugus River - Frontal Broad Sound	MA-ES-8	Marblehead 0.8 SW	2.76"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-123	Lexington 1.3 SE	2.28"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-175	Arlington 0.4 WNW	2.97"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-7	Winchester 0.7 SE	2.65"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-44	Medford 1.2 W	2.79"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-11	Cambridge 0.9 NNW	2.42"

0109000106	Upper Charles River	MA-MD-55	Holliston 0.7 W	2.97"
0109000106	Upper Charles River	MA-NF-62	Franklin 1.4 SW	2.53"
0109000106	Upper Charles River	MA-MD-158	Sherborn 1.1 NW	2.26"
0109000106	Upper Charles River	MA-NF-63	Norfolk 1.1 W	2.36"
0109000106	Upper Charles River	MA-NF-50	Millis 1.4 ENE	2.55"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-MD-120	Natick 1.9 NNE	2.54"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-MD-80	Lincoln 1.5 SW	2.44"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-MD-71	Newton 2.2 NNW	2.30"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-MD-119	Watertown 1.1 W	2.56"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-SF-31	Boston 6.5 SW	2.55"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-MD-134	Somerville 0.5 SSE	1.94"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-SF-1	Boston 0.5 WSW	1.43"
0109000108	Neponset River - Frontal Boston Harbor	MA-NF-1	Norwood 1.3 NW	2.70"
0109000108	Neponset River - Frontal Boston Harbor	MA-NF-54	Quincy 1.2 W	2.70"
0109000109	Whitmans Pond - Frontal Boston Harbor	MA-NF-32	Quincy 1.8 WSW	2.85"
0109000109	Whitmans Pond - Frontal Boston Harbor	MA-NF-68	Quincy 1.5 SSE	2.84"
0109000109	Whitmans Pond - Frontal Boston Harbor	MA-NF-39	Weymouth 2.3 N	2.50"
0109000109	Whitmans Pond - Frontal Boston Harbor	MA-PL-36	Hingham 0.8 ESE	2.39"
01090002	Cape Cod			
0109000201	North River - Frontal Massachusetts Bay	MA-PL-57	Hanson 1.8 N	2.55"
0109000201	North River - Frontal Massachusetts Bay	MA-PL-30	Duxbury 3.7 W	2.41"
0109000201	North River - Frontal Massachusetts Bay	MA-PL-2	Sagamore Beach 1.0 NW	1.93"
0109000202	Cape Cod	MA-BA-2	Falmouth 3.1 NNW	1.71"
0109000202	Cape Cod	MA-BA-87	Falmouth 1.5 NNW	1.62"
0109000202	Cape Cod	MA-BA-50	Falmouth 5.4 NNE	1.67"
0109000202	Cape Cod	MA-BA-17	East Falmouth 1.2 WNW	1.61"
0109000202	Cape Cod	MA-BA-19	East Falmouth 0.7 NW	1.80"
0109000202	Cape Cod	MA-BA-92	Mashpee 3.2 WSW	1.61"
0109000202	Cape Cod	MA-BA-11	East Falmouth 1.4 ESE	1.42"
0109000202	Cape Cod	MA-BA-83	Mashpee 2.5 W	1.78"
0109000202	Cape Cod	MA-BA-47	Mashpee 2.4 WSW	1.54"
0109000202	Cape Cod	MA-BA-45	Sandwich 0.9 NNE	1.81"
0109000202	Cape Cod	MA-BA-64	Sandwich 1.5 SSE	1.72"
0109000202	Cape Cod	MA-BA-79	Mashpee 0.8 SSW	1.70"
0109000202	Cape Cod	MA-BA-78	Mashpee 4.6 S	1.72"
0109000202	Cape Cod	MA-BA-10	East Sandwich 2.3 SE	1.96"
0109000202	Cape Cod	MA-BA-59	Barnstable 3.6 W	1.93"
0109000202	Cape Cod	MA-BA-60	Hyannis 0.7 WNW	1.96"
0109000202	Cape Cod	MA-BA-76	Barnstable 0.7 NE	1.76"
0109000202	Cape Cod	MA-BA-22	Yarmouth 0.9 NNW	2.20"
0109000202	Cape Cod	MA-BA-72	Yarmouth 2.0 S	1.84"

0109000202	Cape Cod	MA-BA-1	Yarmouth 2.3 SSE	1.99"
0109000202	Cape Cod	MA-BA-77	South Dennis 1.0 NW	2.28"
0109000202	Cape Cod	MA-BA-52	Truro 0.8 E	2.34"
0109000202	Cape Cod	MA-BA-27	Wellfleet 0.7 NW	1.87"
0109000202	Cape Cod	MA-BA-68	Eastham 1.9 WSW	2.41"
0109000202	Cape Cod	MA-BA-42	Orleans 1.8 S	2.48"
0109000202	Cape Cod	MA-BA-51	Orleans 3.0 S	2.68"
0109000202	Cape Cod	MA-BA-12	Orleans 1.1 E	2.39"
0109000202	Cape Cod	MA-BA-7	Wellfleet 3.0 E	2.11"
0109000202	Cape Cod	MA-BA-30	Eastham 0.6 SW	2.04"
0109000202	Cape Cod	MA-BA-43	Chatham 0.4 WSW	2.43"
0109000203	Mattapoisett River - Frontal Buzzards Bay	MA-PL-55	Carver 2.3 E	1.57"
0109000203	Mattapoisett River - Frontal Buzzards Bay	MA-PL-63	Wareham 5.6 NE	1.95"
0109000204	Paskamanset River - Frontal Buzzards Bay	MA-BR-14	Dartmouth 2.5 SSW	1.36"
0109000204	Paskamanset River - Frontal Buzzards Bay	MA-BR-52	New Bedford 4.3 N	1.57"
0109000205	Sakonnet Point - Frontal Rhode Island Sound	RI-NW-5	Little Compton 1.7 NW	1.35"
0109000205	Sakonnet Point - Frontal Rhode Island Sound	RI-NW-7	Little Compton 0.6 E	1.41"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-21	Chilmark 0.9 E	1.36"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-5	West Tisbury 2.9 N	1.36"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-9	West Tisbury 0.4 S	1.64"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-2	Vineyard Haven 0.8 WSW	1.23"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-22	Edgartown 1.3 WNW	1.51"
01090003	Blackstone			
0109000301	Upper Blackstone River	MA-WR-41	Auburn 2.6 SW	3.20"
0109000301	Upper Blackstone River	MA-WR-43	Leicester 2.4 ESE	3.37"
0109000301	Upper Blackstone River	MA-WR-98	Worcester 2.2 NW	3.87"
0109000301	Upper Blackstone River	MA-WR-81	Worcester 1.6 SE	3.50"
0109000301	Upper Blackstone River	MA-WR-100	Douglas 1.9 NNE	3.31"
0109000301	Upper Blackstone River	MA-WR-69	Northbridge 1.7 WNW	3.46"
0109000302	Lower Blackstone River	RI-PR-50	Harrisville 1.2 SSE	2.55"
0109000302	Lower Blackstone River	MA-WR-90	Upton 0.4 NE	3.06"
0109000302	Lower Blackstone River	RI-PR-28	North Smithfield 0.7 SE	2.70"
0109000302	Lower Blackstone River	RI-PR-89	Woonsocket 1.8 WNW	2.70"
0109000302	Lower Blackstone River	MA-NF-67	Bellingham 3.6 SSW	2.14"
0109000302	Lower Blackstone River	RI-PR-45	Manville 0.4 WSW	2.80"
0109000302	Lower Blackstone River	MA-NF-26	Bellingham 2.4 S	2.66"
0109000302	Lower Blackstone River	RI-PR-55	Cumberland Hill 3.6 NNE	2.46"
0109000302	Lower Blackstone River	RI-PR-106	Valley Falls 1.1 W	2.53"
01090004	Narragansett			
0109000401	Upper Taunton River	MA-BR-30	Taunton 3.9 N	2.08"
0109000401	Upper Taunton River	MA-NF-31	Stoughton 1.2 E	2.82"

0109000401	Upper Taunton River	MA-PL-22	East Bridgewater 0.3 WSW	2.28"
0109000401	Upper Taunton River	MA-PL-15	Abington 1.2 NNE	1.96"
0109000401	Upper Taunton River	MA-PL-23	Pembroke 2.8 SW	2.42"
0109000402	Middle Taunton River	MA-PL-31	Bridgewater 1.8 SE	2.00"
0109000402	Middle Taunton River	MA-PL-61	Middleborough 3.5 SSE	1.90"
0109000402	Middle Taunton River	MA-PL-17	Plympton 0.9 NNE	1.90"
0109000403	Threemile River	MA-BR-55	NWS Boston/Norton 2.5 ESE	1.66"
0109000404	Ten Mile River	RI-PR-119	Pawtucket 2.6 SSE	2.06"
0109000404	Ten Mile River	MA-BR-23	Attleboro 0.9 ENE	1.91"
0109000405	Woonasquatucket River-Moshassuck River	RI-PR-33	Greenville 0.7 NNW	2.53"
0109000405	Woonasquatucket River-Moshassuck River	RI-PR-82	Providence 1.6 NNW	2.05"
0109000406	Pawtuxet River	RI-PR-121	Greenville 6.7 WSW	2.69"
0109000406	Pawtuxet River	RI-KN-36	Coventry 2.5 NW	1.76"
0109000406	Pawtuxet River	RI-KN-59	Coventry 1.2 SW	2.03"
0109000406	Pawtuxet River	RI-KN-21	Coventry 1.9 NE	2.34"
0109000406	Pawtuxet River	RI-PR-57	Cranston 1.2 SSE	1.93"
0109000407	Palmer River	RI-BR-11	Bristol 2.0 NNW	1.70"
0109000407	Palmer River	MA-BR-2	Rehoboth 2.1 N	1.98"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-NF-73	Foxborough 3.1 E	2.73"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-61	Mansfield 2.4 ENE	2.38"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-3	Norton 1.8 NNE	2.31"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-16	Somerset 0.4 SSE	1.42"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-72	Somerset 2.3 NNE	1.63"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-58	Dighton 3.3 NNW	1.42"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-8	Dighton 1.1 WSW	1.80"
0109000409	Narragansett Bay	RI-KN-17	East Greenwich 1.2 NNE	2.07"
0109000409	Narragansett Bay	RI-WS-54	North Kingstown 2.7 WSW	1.92"
0109000409	Narragansett Bay	RI-WS-50	North Kingstown 3.1 NW	2.53"
0109000409	Narragansett Bay	RI-WS-31	Kingston 7.5 NNE	1.65"
0109000409	Narragansett Bay	RI-KN-45	East Greenwich 2.8 NE	2.02"
0109000409	Narragansett Bay	RI-WS-66	Narragansett 2.9 N	1.54"
0109000409	Narragansett Bay	RI-KN-2	East Greenwich 2.3 ESE	2.16"
0109000409	Narragansett Bay	RI-KN-23	Warwick 3.2 NNE	1.03"
0109000409	Narragansett Bay	RI-KN-31	Warwick 0.8 ENE	1.46"
0109000409	Narragansett Bay	RI-KN-37	Warwick 2.3 NNE	1.83"
0109000409	Narragansett Bay	RI-PR-67	Providence 1.6 NE	1.95"
0109000409	Narragansett Bay	RI-KN-38	Warwick 3.9 NNE	1.76"
0109000409	Narragansett Bay	RI-PR-104	Providence 2.1 NE	1.86"
0109000409	Narragansett Bay	RI-PR-84	Providence 2.7 NNE	2.03"
0109000409	Narragansett Bay	RI-NW-18	Jamestown 0.3 SSE	1.40"
0109000409	Narragansett Bay	RI-PR-108	East Providence 0.8 SSW	1.73"

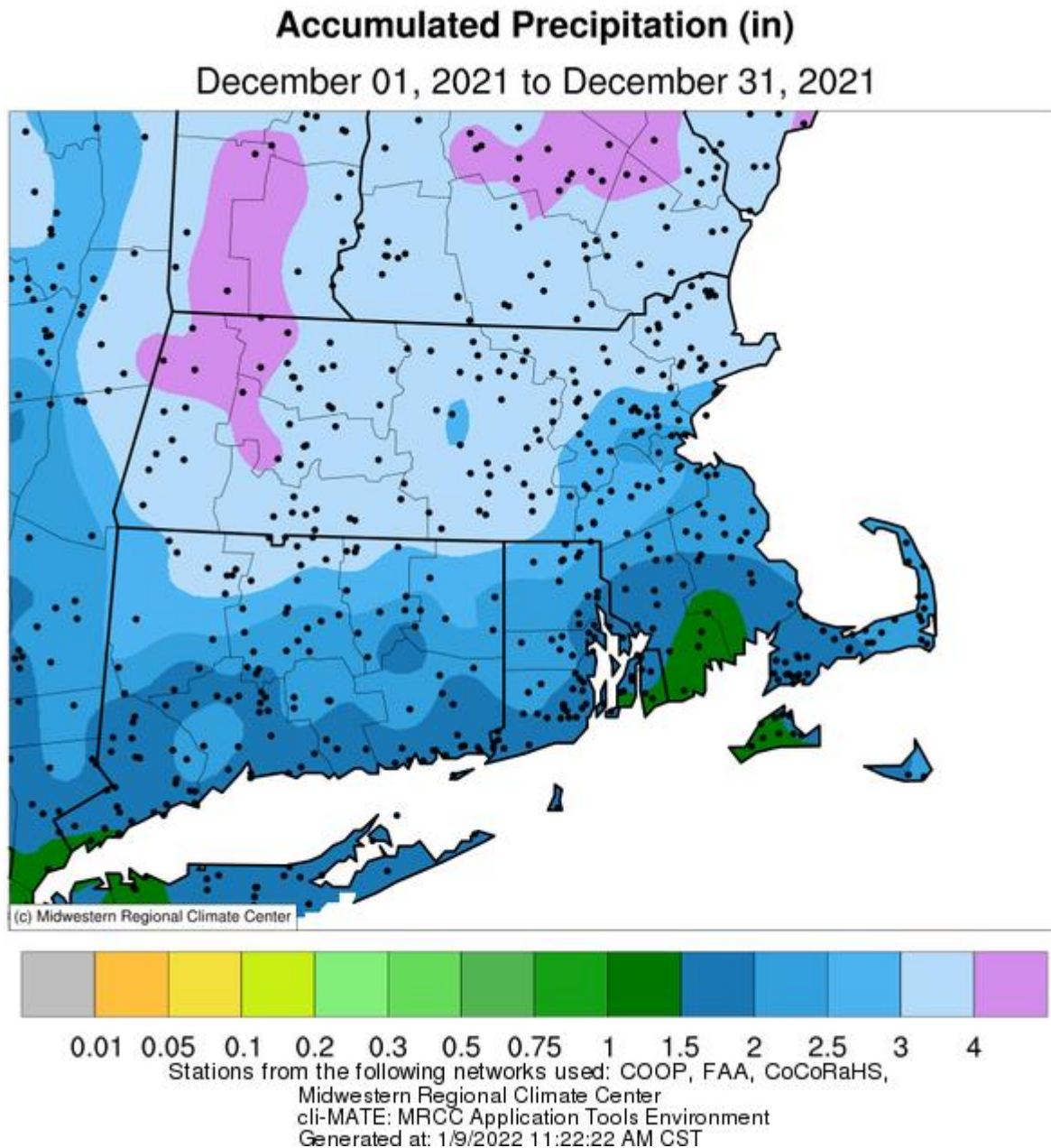
0109000409	Narragansett Bay	RI-NW-30	Jamestown 0.7 NNE	1.86"
0109000409	Narragansett Bay	RI-BR-5	Barrington 1.3 WNW	1.68"
0109000409	Narragansett Bay	RI-NW-27	Newport 1.3 SW	1.80"
0109000409	Narragansett Bay	RI-BR-12	Barrington 1.1 NNE	1.78"
0109000409	Narragansett Bay	RI-NW-4	Middletown 1.1 SW	0.55"
0109000409	Narragansett Bay	RI-NW-19	Portsmouth 2.3 S	1.60"
0109000409	Narragansett Bay	RI-NW-32	Portsmouth 5.2 SSE	1.55"
0109000409	Narragansett Bay	MA-BR-63	Swansea 2.1 W	1.71"
0109000409	Narragansett Bay	RI-NW-11	Tiverton 0.8 SSW	1.86"
0109000409	Narragansett Bay	RI-NW-20	Tiverton 1.0 SSW	1.65"
01090005	Pawcatuck-Wood			
0109000501	Wood River	RI-WS-64	Hope Valley 1.8 NE	2.53"
0109000502	Upper Pawcatuck River	RI-WS-51	Richmond 2.4 SSE	1.81"
0109000502	Upper Pawcatuck River	RI-WS-42	Richmond 4.6 NNE	2.09"
0109000502	Upper Pawcatuck River	RI-WS-45	Charlestown 4.7 NNE	2.40"
0109000502	Upper Pawcatuck River	RI-WS-37	Kingston 2.4 SW	1.81"
0109000502	Upper Pawcatuck River	RI-WS-77	Kingston 0.7 WSW	1.84"
0109000503	Lower Pawcatuck River	CT-NL-40	Pawcatuck 1.8 SSE	1.89"
0109000503	Lower Pawcatuck River	RI-WS-30	Westerly 2.4 NNW	1.68"
0109000503	Lower Pawcatuck River	RI-WS-47	Westerly 0.8 WNW	1.51"
0109000504	Frontal Block Island Sound	RI-WS-36	Charlestown 3.0 WSW	2.12"
0109000504	Frontal Block Island Sound	RI-WS-71	Wakefield-Peacedale 5.0 SW	1.81"
0109000504	Frontal Block Island Sound	RI-WS-58	Kingston 0.3 SW	1.97"
0109000504	Frontal Block Island Sound	RI-WS-65	Wakefield-Peacedale 0.9 W	1.58"
0109000504	Frontal Block Island Sound	RI-WS-81	Wakefield-Peacedale 0.4 SW	1.36"
0109000504	Frontal Block Island Sound	RI-WS-55	Wakefield 0.8 ENE	1.87"
0109000504	Frontal Block Island Sound	RI-WS-70	Wakefield-Peacedale 1.7 NNE	1.88"
0109000504	Frontal Block Island Sound	RI-WS-52	Wakefield-Peacedale 3.1 NE	1.80"
01100001	Quinebaug			
0110000102	French River	MA-WR-88	Leicester 2.5 WSW	3.66"
0110000102	French River	MA-WR-105	Dudley 1.0 ESE	3.34"
0110000102	French River	MA-WR-68	Oxford 0.9 SSW	3.70"
0110000103	Fivemile River	CT-WN-4	East Killingly 1.3 SW	2.25"
0110000105	Moosup River	CT-WN-26	Danielson 3.2 ESE	2.46"
0110000105	Moosup River	RI-KN-14	Greene 1.4 E	2.22"
0110000106	Pachaug River	CT-NL-21	Griswold 0.9 N	1.92"
01100002	Shetucket			
0110000201	Willimantic River	CT-TL-40	Coventry 0.3 NNE	2.53"
0110000201	Willimantic River	CT-TL-51	Coventry 3.4 SE	2.67"
0110000201	Willimantic River	CT-TL-2	Staffordville 0.4 NNW	2.88"
0110000202	Natchaug River	CT-TL-27	Willington 2.7 SE	2.81"

0110000202	Natchaug River	CT-WN-12	Eastford 2.0 W	2.26"
0110000203	Shetucket River	CT-NL-10	Norwich 2.5 NNE	2.09"
01100003	Thames			
0110000302	Thames River-Frontal New London Harbor	CT-NL-6	New London 1.0 NNW	1.74"
0110000302	Thames River-Frontal New London Harbor	CT-NL-56	Norwich 5.2 SE	1.79"
0110000302	Thames River-Frontal New London Harbor	CT-NL-50	Norwich 5.4 SE	1.56"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-38	Old Lyme 3.4 ESE	1.75"
0110000303	Mystic River - Fronter Fishers Island Sound	CT-NL-62	Salem 3.6 SE	1.70"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-29	East Lyme 0.5 SW	1.78"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-32	Niantic 1.1 SW	1.35"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-22	Central Waterford 2.7 SSW	1.44"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-37	Mystic 1.6 W	1.76"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-19	Mystic 0.9 W	1.66"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-24	Stonington 1.4 NNW	1.59"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-18	Stonington 0.5 NNE	1.41"
01100004	Quinnipiac			
0110000401	Quinnipiac River	CT-NH-14	Prospect 1.9 ENE	1.68"
0110000401	Quinnipiac River	CT-HR-55	Southington 1.7 WNW	2.01"
0110000401	Quinnipiac River	CT-HR-83	Plainville 1.7 SW	2.45"
0110000401	Quinnipiac River	CT-HR-23	Southington 0.9 SSE	1.89"
0110000401	Quinnipiac River	CT-HR-76	Southington 1.0 ENE	1.57"
0110000401	Quinnipiac River	CT-NH-44	Wallingford Center 1.9 WNW	2.00"
0110000401	Quinnipiac River	CT-NH-43	Wallingford Center 3.3 NNW	2.07"
0110000401	Quinnipiac River	CT-NH-75	Meriden 2.8 WSW	2.02"
0110000401	Quinnipiac River	CT-NH-42	Wallingford Center 1.1 N	1.77"
0110000401	Quinnipiac River	CT-NH-72	Northford 0.8 SW	1.86"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-NH-21	East Haven 3.5 SSW	1.60"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-NH-56	Guilford Center 2.7 WSW	1.69"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-NH-50	Madison Center 4.1 N	2.04"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-MD-32	Killingworth 1.1 N	1.86"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-MD-21	Killingworth 2.6 ESE	1.74"
01100005	Housatonic			
0110000501	Headwaters Housatonic River	MA-BE-11	Great Barrington 3.0 N	3.26"
0110000501	Headwaters Housatonic River	MA-BE-3	Stockbridge .2 NNE	3.36"
0110000503	Konkapot River-Housatonic River	CT-LT-28	Canaan 4.2 ESE	2.70"
0110000504	Macedonia Brook - Housatonic River	CT-LT-47	Kent 1.0 NE	2.57"
0110000504	Macedonia Brook - Housatonic River	CT-LT-20	Warren 2.4 WNW	2.99"
0110000506	Candlewood Lake-Housatonic River	CT-LT-37	New Milford 3.1 WNW	2.66"
0110000506	Candlewood Lake-Housatonic River	CT-LT-22	New Milford 5.3 SSW	1.92"
0110000508	Still River - Housatonic River	CT-FR-43	Bethel 0.5 E	1.80"
0110000508	Still River - Housatonic River	CT-FR-41	Bethel 3.5 NNE	1.86"

0110000508	Still River - Housatonic River	CT-FR-9	Brookfield 3.3 SSE	1.63"
0110000509	Pomperaug River	CT-NH-77	Southbury 2.3 W	1.92"
0110000509	Pomperaug River	CT-LT-34	Woodbury Center 1.5 SSW	1.70"
0110000511	Headwaters Naugatuck River	CT-LT-48	Harwinton 1.5 NW	2.22"
0110000512	Outlet Naugatuck River	CT-LT-14	Watertown 0.5 S	1.44"
0110000512	Outlet Naugatuck River	CT-NH-80	Seymour 1.2 WSW	1.92"
0110000512	Outlet Naugatuck River	CT-NH-45	Naugatuck 1.7 NNE	1.99"
0110000512	Outlet Naugatuck River	CT-NH-22	Prospect 0.5 SW	1.96"
0110000513	Housatonic River - Frontal Long Island Sound	CT-FR-23	Shelton 1.3 W	1.71"
0110000513	Housatonic River - Frontal Long Island Sound	CT-FR-46	Stratford 0.2 ESE	2.03"
01100006	Saugatuck			
0110000601	Saugatuck River - Frontal Long Island Sound	CT-FR-58	Ridgefield 3.6 N	1.62"
0110000601	Saugatuck River - Frontal Long Island Sound	CT-FR-78	Redding 1.4 E	1.47"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-59	New Canaan 3.8 N	1.85"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-63	Wilton 1.9 NW	2.03"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-3	New Canaan 1.9 ENE	1.80"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-20	Westport 2.5 ENE	1.85"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-68	Fairfield 1.1 SSE	1.45"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-60	Fairfield 1.5 NE	1.79"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-57	Trumbull 0.9 W	1.28"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-70	Bridgeport 2.9 NNW	2.29"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-67	Trumbull 1.2 S	2.08"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-26	Stratford 0.9 W	1.82"
0110000604	Mianus River-Rippowam River	CT-FR-35	Darien 1.8 ENE	1.52"
02020003	Hudson-Hoosic			
0202000306	Upper Hoosic River	MA-BE-21	Cheshire 0.5 NNW	4.61"
02020006	Middle Hudson			
0202000603	Wynants Kill - Hudson River	NY-AB-21	NWS Albany	2.76"
0202000606	Kinderhook Creek	MA-BE-24	Hancock 3.6 NNE	4.71"
02030203	Long Island Sound			
0203020300	Long Island Sound	NY-SF-114	Fishers Island 0.5 NE	1.42"
10190007	Cache La Poudre			
1019000708	Horsetooth Reservoir - Cache La Poudre River	CO-LR-273	FCL 2.2 NW	0.06"
19020401	Anchorage			
1902040107	Rabbit Creek - Frontal Turnagain Arm	AK-AB-55	Anchorage 7.6 SSE	1.64"

Another dry month in December.

Blue shade over 1.5". Dark green over 1.0".



“We do not live at the airport”

An average of 1.84” of precip in this list for December. Our list of complete stations averaged 2.42”. It is not a coincidence when it keeps happening.

Please use and report from the 4” diameter gauge all year round. Our network does not use automated gauges. And we do not live at the airport!

Location	Station ID	Dec 2021 Precip	Dec departure from normal	Oct-Nov-Dec Precip	3 month departure from normal	Jul-Dec Precip	6 month departure from normal	Jan-Dec Precip	12 month departure from normal
White Plains NY	HPN	1.11"	-3.21"	8.21"	-4.49"	25.73"	0.44"	43.85"	-5.50"
Danbury CT	DXR	1.24"	-2.86"	9.46"	-3.60"	28.76"	2.28"	39.95"	-9.92"
New Haven CT	HVN	1.37"	-2.24"	9.66"	-2.12"	26.06"	1.95"	42.27"	-4.84"
Meriden CT	MMK	1.56"	-2.05"	8.98"	-2.80"	31.68"	7.57"	48.66"	1.55"
Hartford CT	HFD	1.93"	-1.42"	8.69"	-2.64"	33.75"	11.28"	48.19"	4.59"
Willimantic CT	IJD	1.23"	-3.02"	6.55"	-6.48"	25.46"	0.36"	40.87"	-7.55"
New London CT	GON	1.20"	-2.53"	8.91"	-2.99"	20.50"	-3.33"	38.39"	-8.10"
Westerly RI	WST	1.06"	-2.70"	7.30"	-4.90"	20.85"	-3.21"	35.34"	-12.05"
Newport RI	UUU	1.57"	-2.19"	7.67"	-4.39"	27.14"	4.00"	44.27"	-2.06"
New Bedford MA	EWB	0.53"	-3.44"	6.25"	-6.50"	25.65"	1.91"	40.40"	-7.96"
Hyannis MA	HYA	m	#VALUE!	#VALUE!	-2.99"	24.51"	0.90"	41.04"	-6.65"
Nantucket MA	ACK	1.32"	-2.48"	8.00"	-4.15"	11.08"	-12.11"	24.64"	-19.78"
Marthas Vineyard MA	MVY	1.15"	-2.70"	7.70"	-4.76"	17.81"	-5.74"	35.69"	-9.47"
Taunton MA	TAN	1.80"	-2.52"	10.72"	-2.39"	33.92"	8.66"	53.51"	3.77"
Plymouth MA	PYM	1.65"	-2.74"	11.77"	-1.36"	30.14"	5.81"	52.83"	3.68"
Norwood MA	OWD	2.36"	-1.72"	11.03"	-1.70"	31.32"	7.21"	50.64"	3.58"
Bedford MA	BED	2.90"	-0.78"	11.35"	-0.84"	36.20"	13.08"	56.07"	10.36"
Lawrence MA	LWM	3.06"	-0.06"	12.97"	1.85"	33.27"	11.55"	47.09"	3.93"
Fitchburg MA	FIT	3.12"	-0.60"	8.56"	-3.69"	26.66"	2.68"	42.40"	-4.74"
Orange MA	ORE	2.08"	-1.13"	9.63"	-1.25"	32.19"	10.08"	46.66"	4.11"
Westfield MA	BAF	3.10"	-0.33"	11.29"	-1.01"	35.33"	10.29"	55.40"	7.01"
North Adams MA	AQW	3.40"	0.02"	12.17"	0.09"	37.25"	12.32"	54.73"	8.12"

Rulers of the Snow

We are the Rulers of the Snow.

A list of 77 stations in December, plus a little extra from our friends, who reported snow fall and snow depth for all days. Enjoy looking at it. This may be the last time you will ever see Nolan's station (CO-LR-273) at the very bottom of ***any*** list.

Using the mobile app? Look at the 2nd page of the mobile app, "More Details" on the Apple 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	Dec 2021 Snowfall	Station	Name	Dec 2021 Snowfall
AK-AB-55	Anchorage 7.6 SSE	19.0"	CT-NL-24	Stonington 1.4 NNW	1.5"
MA-BE-21	Cheshire 0.5 NNW	8.9"	RI-PR-28	North Smithfield 0.7 SE	1.4"
MA-HD-33	Agawam 1.1 SSW	5.8"	CT-FR-3	New Canaan 1.9 ENE	1.3"
CT-TL-15	Central Somers 0.3 N	5.5"	CT-NL-40	Pawcatuck 1.8 SSE	1.3"
MA-FR-17	Buckland 1.8 ESE	5.4"	RI-NW-18	Jamestown 0.3 SSE	1.3"
MA-HD-28	Westfield 2.8 SE	5.2"	MA-ES-12	Boxford 2.4 S	1.3"
CT-HR-8	North Granby 1.3 ENE	5.0"	MA-BA-2	Falmouth 3.1 NNW	1.3"
CT-TL-19	Vernon 2.8 N	5.0"	CT-NL-22	Central Waterford 2.7 SSW	1.2"
CT-TL-41	Somers 0.3 S	4.6"	CT-NL-32	Niantic 1.1 SW	1.2"
CT-LT-9	New Hartford Center 3.2 SW	4.4"	MA-BR-3	Norton 1.8 NNE	1.2"
MA-FR-13	Conway 2.9 NW	4.4"	MA-NF-1	Norwood 1.3 NW	1.2"
MA-HD-30	Hampden 2.0 NW	4.3"	MA-BR-8	Dighton 1.1 WSW	1.1"
CT-TL-2	Staffordville 0.4 NNW	4.2"	RI-WS-47	Westerly 0.8 WNW	1.0"
MA-WR-88	Leicester 2.5 WSW	4.2"	MA-BR-30	Taunton 3.9 N	1.0"
MA-WR-75	Warren 2.4 WSW	4.1"	MA-DK-2	Vineyard Haven 0.8 WSW	1.0"
CT-TL-27	Willington 2.7 SE	3.8"	CT-NH-72	Northford 0.8 SW	0.9"
MA-ES-4	Groveland 0.5 WSW	3.5"	CT-NL-19	Mystic 0.9 W	0.9"
MA-FR-10	Conway 0.9 SW	3.0"	MA-MD-12	Acton 1.3 SW	0.9"
CT-WN-26	Danielson 3.2 ESE	3.0"	MA-ES-58	Middleton 1.4 SSW	0.8"
MA-FR-12	Sunderland 1.3 SE	2.9"	CT-FR-9	Brookfield 3.3 SSE	0.7"
CT-MD-21	Killingworth 2.6 ESE	2.6"	RI-WS-55	Wakefield 0.8 ENE	0.6"

RI-KN-14	Greene 1.4 E	2.6"	MA-ES-71	Danvers 2.5 NNE	0.6"
CT-NL-21	Griswold 0.9 N	2.5"	MA-NF-54	Quincy 1.2 W	0.6"
CT-NL-29	East Lyme 0.5 SW	2.5"	MA-PL-22	East Bridgewater 0.3 WSW	0.5"
RI-PR-33	Greenville 0.7 NNW	2.5"	MA-BA-47	Mashpee 2.4 WSW	0.5"
RI-WS-42	Richmond 4.6 NNE	2.2"	MA-BR-61	Mansfield 2.4 ENE	0.4"
MA-WR-81	Worcester 1.6 SE	2.1"	MA-MD-85	Wilmington 2.2 WNW	0.4"
MA-MD-51	Maynard 0.7 ESE	2.1"	NY-SF-114	Fishers Island 0.5 NE	0.4"
RI-KN-2	East Greenwich 2.3 ESE	2.0"	MA-MD-119	Watertown 1.1 W	0.3"
RI-NW-11	Tiverton 0.8 SSW	2.0"	MA-MD-7	Winchester 0.7 SE	0.3"
MA-MD-115	Hudson 1.4 NW	2.0"	MA-MD-126	Melrose 0.5 NE	0.2"
MA-ES-48	Andover 0.6 E	2.0"	MA-BA-92	Mashpee 3.2 WSW	0.1"
CT-NH-43	Wallingford Center 3.3 NNW	1.9"	RI-NW-7	Little Compton 0.6 E	0.0"
RI-PR-50	Harrisville 1.2 SSE	1.9"	MA-ES-41	Danvers 0.8 ESE	0.0"
RI-WS-31	Kingston 7.5 NNE	1.9"	MA-BA-51	Orleans 3.0 S	0.0"
CT-HR-22	East Hartford 1.3 E	1.8"	MA-BA-60	Hyannis 0.7 WNW	0.0"
CT-NL-6	New London 1.0 NNW	1.8"	MA-BA-72	Yarmouth 2.0 S	0.0"
MA-FR-8	New Salem 3.1 S	1.7"	MA-BA-76	Barnstable 0.7 NE	0.0"
MA-MD-125	Tewksbury 3.6 SSE	1.7"	MA-BA-77	South Dennis 1.0 NW	0.0"
CT-LT-47	Kent 1.0 NE	1.5"	CO-LR-273	FCL 2.2 NW	0.0"

December 2021 as a calendar. Bright magenta for the highest number of reports. Green for the lowest number of reports.

432 Reports per Day was our reporting average for December 2021.

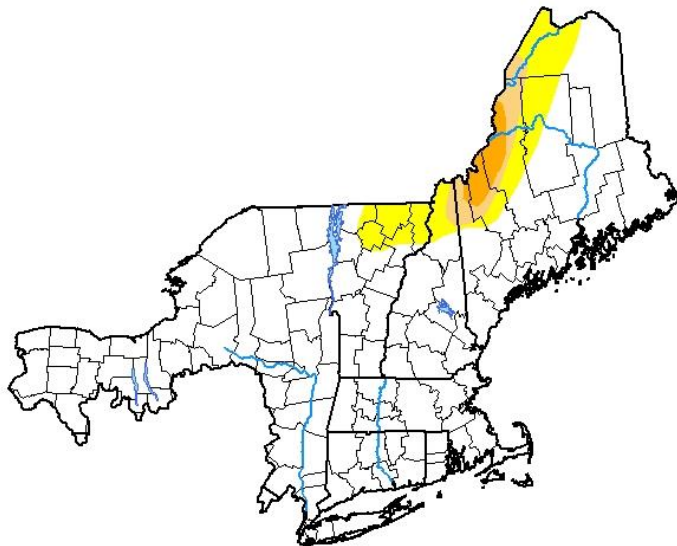
December 2021						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 445	2 448	3 448	4 430
5 431	6 463	7 458	8 438	9 455	10 431	11 436
12 447	13 429	14 437	15 432	16 468	17 439	18 437
19 460	20 432	21 431	22 433	23 429	24 414	25 377
26 388	27 400	28 413	29 413	30 413	31 412	

Please continue to report the conditions where you are.

There is always more room for more “Consistent Stations”. What do you have to do? Submit over 20 Condition Monitoring Reports in a 52-week period.

Every drop counts and zeros do too!

U.S. Drought Monitor Northeast RFC



January 11, 2022

(Released Thursday, Jan. 13, 2022)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
Current	87.86	8.13	2.34	1.67	0.00	0.00
Last Week 01-04-2022	87.86	8.13	2.34	1.67	0.00	0.00
3 Months Ago 10-12-2021	75.16	18.91	3.82	2.11	0.00	0.00
Start of Calendar Year 01-04-2022	87.86	8.13	2.34	1.67	0.00	0.00
Start of Water Year 09-28-2021	81.64	12.18	4.62	1.57	0.00	0.00
One Year Ago 01-12-2021	64.20	28.26	7.54	0.00	0.00	0.00

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate 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 Tinker
CPC/NOAA/NWS/NCEP



droughtmonitor.unl.edu

For a viewing explanation on the Drought Monitor, the CoCoRaHS animated video is on [YouTube](https://www.youtube.com/watch?v=...).

Wrap up

January is named after Janus, the two-head god of Roman mythology. January's weather can be two-headed as well. But this January will probably end up being cold and continued cold. Sometimes our gauges may have two appearances as well, with and without the funnel and inner cylinder. Be wary of the two-headed nature of all our coastal storms.

February 2 is the mid-point of the winter season. "You should have your wood and half your hay" the Old Farmer's Almanac would say. February 2, maybe a little before, with this cold maybe it truly is, the mid-point of the heating season. Be on the lookout for a groundhog, making prognostications of continued winter or an early spring. I would settle for a prognostication on the MLB lockout! February is about pitchers and catchers reporting and a new baseball season beginning.

Too bad CoCoRaHS is not an Olympic sport. This group would measure up to the best of observers. Regardless, do see the way our youth come together and compete on the world stage. The Winter Games begin on February 3. The strategy of curling, the speed of downhill skiing and bobsled, the daring of ski jumping and luge, the physical stamina required for speed-skating and cross-country skiing, and the precision of ice dancing, all keep me riveted to the broadcasts. The broadcasts that no longer say "Via Satellite" as they did nearly 50 years ago and are displayed in high definition vivid color, not that grainy black and white when we had antennas. We have come a long way in technology, haven't we.

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