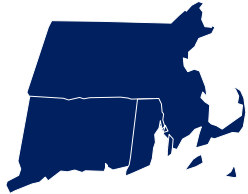


Community Collaborative Rain, Hail & Snow Network



Southern



New England

February 2018

We have reached the half way point of winter. The Old Farmer's Almanac would say "Have half your wood and half your hay". Winter Carnivals are occurring within our states. Daylight is getting longer. This year's midpoint highlights an international grouping of young athletes, competing in Olympic Games.

A groundhog in western Pennsylvania marked a 132 year old tradition by telling us all in groundhog-ese. "My faithful followers, your hands (and my paws) are getting cold. So here's my forecast, not lead but solid gold. I see my royal shadow. 6 more weeks of winter to go."

All of this and more, there for us to celebrate this point of the year, of the winter season.

We have seen the two heads of Janus and of January weather. A winter storm, rain that dropped 3" and more in some places, prolonged cold that froze and jammed rivers, a weekend warm thaw that melted the snow.

The "Grand" List, some observer tips, your reports and more. Let's begin.

The “Grand” List

Congratulations to this one observer from our three states who has recently passed a milestone of 1000 Daily Reports.

2000 Daily Reports

MA-SF-2 Winthrop 0.2 N

Looking ahead, there will be more observers making this List. 3 observers about to cross 3000 Reports, 3 more observers to cross 2000 Reports, 11 more observers to cross 1000 Reports. All within the next 3-4 months.

The “Blizzard of ‘78”

The month of February has featured some memorable snowstorms, most notably the “Blizzard of ‘78” whose 40th anniversary in fell on February 6.

You can check out a summary of this storm at:

http://www.weather.gov/media/box/science/Blizzard_of_1978.pdf)

Observer Tips

Keeping it short for this shortest month of the year. Adding another layer to what Nolan mentioned in his Newsletter last week, and in case this newsletter audience grew since Nolan's last Newsletter. ☺

- ❄ If you can only do one thing, if you only have time, or interest, or effort to do one thing, report the melted contents of what fell in your gauge on its post. Your precipitation value, gets added to all of your other rainfall reports for the week, month, and year and longer.
- ❄ The optimum number of additional outer cylinders to have is 2. One to change with the outer cylinder on your post. One to always use to cut a core.
- ❄ Without any extra outer cylinders, use a kitchen pot with a handle to dump your snow sample in.
- ❄ "Cold soak" your measuring equipment. 5-10 minutes will do. Leave your ruler, extra cylinder(s), covered, out of the precipitation, upside down, on the porch, in the garage, but cold, not at room temperature. Snow will not stick to your extra outer cylinder or ruler if they are cold.
- ❄ As the snow gets deeper, try to keep your core cut perpendicular. Take core samples one layer at a time.
- ❄ Metal spatulas are better than plastic spatulas when the snow pack gets icy. Think outdoor BBQ grill, not Teflon non-stick pans.
- ❄ Build your own. 4" diameter PVC tube to match our 4" diameter outer cylinders. 2' – 3' long. Saw tooth cuts on the bottom. Sharpened with a wood rasp. Great for snow cores cut in deep snow and icy snow. Anybody want to see pictures? Building tips?
- ❄ "Leak test" your outer cylinder(s) on a precipitation-free day.
- ❄ Just a few snowflakes? Trace for precipitation. Trace for new snow.
- ❄ Snow happens after you left for work? Try to report the maximum snow fall amount. Do the best that you can.
- ❄ Snow happens during your morning observation time? Safety first. If you can, measure and report at your normal morning observation time. Change the observation time on your report form if you choose to wait to measure.
- ❄ Please be accurate with your observation time, especially if it is precipitating when you do observe.

- ❄️ Build your own. This [Inner Tube Stand](#) is simple to cut and build, and is the extra set of hands we all need with melted snow and 2"+ rainfall. Anybody want to see more pictures? Building tips?
- ❄️ Use “Monthly Zeros” with care and consideration. Avoid “day shifting” by thinking there was no precipitation on one day, but remember that zero amount is reported the following day.
- ❄️ Comments that verify and clarify your reported amounts are always helpful, tells a story and saves on follow ups.
- ❄️ You are the Rulers of the Snow. Try to make a snow fall and snow depth measurement and report every day.
- ❄️ Be a hero. Report your zeros. Zeros for new snow verifies that you received no new snow. Zeros for snow depth verifies your ground has no snow on it. We define where the snow is and where it is not.
- ❄️ Participate in SWE Monday. For the Monday morning report, find the average depth of snow, take a core sample, and melt that core sample. Report the average snow depth and its melted amount, 4th and 5th values, on Monday. Zeros, if accurate, are simple and valuable.
- ❄️ Please do not report new snow fall in the 1st value, where your liquid precipitation goes. A common mistake we are seeing this year. Re read the first point mentioned in this list.
- ❄️ Before snow arrives in your locale during the winter season, a word about snow measuring and reporting. Be sure to read, understand and follow all of the [training guides](#) and [videos](#) that come with snow measuring and reporting. Knowing how to accurately measure and report precipitation, snow fall and snow depth, greatly improves our network’s integrity and your station’s records. And there’s no more important snow measuring and reporting tip than this: Be safe out there. (If you remember the Boston-based PBS TV show that this is paraphrased from, let us know.)
- ❄️ Accuracy matters. Mistakes happen with reporting, not measuring. Look twice before you press or click “Submit”. NOHRSC and others get your precipitation and snow reports.

Anyone not getting Nolan’s newsletter, or this monthly newsletter, check your spam or junk mail folder. Let us know which newsletter you are not getting and we will add your email address.

The “New Place”

For those who may not know, the National Weather Service in Taunton and Northeast River Forecast Center will relocate to a new facility in nearby Norton, MA in mid-March. After the move, the office will be known as the National Weather Service in Boston/Norton.

The current facility, which has housed both offices since 1993, has outlived our evolving operations. This will be an opportunity to upgrade aspects of office operations including design space more consistent with 21st century operations. We are also moving because the lease at our current facility is expiring and the building has become increasingly unreliable.

The new facility is under construction and is expected to be complete in early March in the Norton Commerce Center. We are quite literally moving to the other side of our radar tower, which will remain in place on Taunton land. This new office will be slightly larger than the current one. Its design will allow a more logical flow with operations separated from administrative offices and much better natural lighting than currently exists. A state of the art situational awareness display will help keep forecasters in touch with what’s happening now throughout our area and a modernized HVAC system is expected to lead to a more reliable environment.



New NWS facility under construction in Norton, MA

“A Rain Gauge in Every Town”

Did you know for every two new CoCoRaHS signups we typically see only one reporting a year later? On top of that, we lose a number of observers each year who either lose interest or move away from the area. Recruiting new observers has become our focus as we strive to maintain a “healthy” CoCoRaHS network here in Connecticut, Massachusetts, and Rhode Island.

As a start for this initiative, we are focusing on the state of Rhode Island, where we have the greatest need for new observers. We are also approaching the 10th Anniversary of the Ocean State joining the network. We would like to see at least one observer in every town by the end of 2018. The list below is where we need new observers.

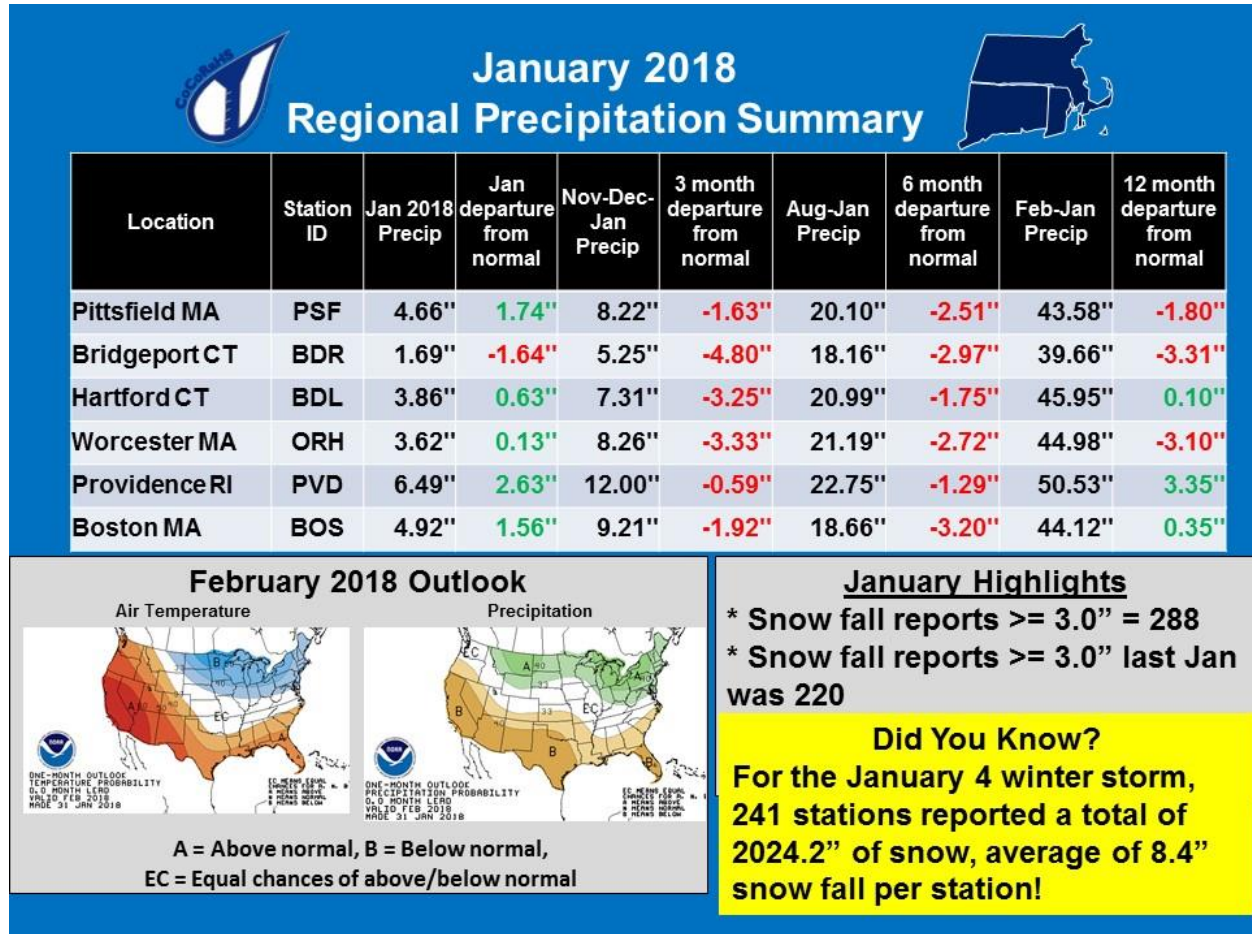
If you know someone who would be interested in joining, please help us spread the word and have them sign up! We’re going to focus on Connecticut and Massachusetts too in the coming months.

Rhode Island Observers Wanted!

- Ashaway, Bristol, Burrillville, Central Falls, Coventry,
- East Providence, Foster, Hopkinton, Jamestown, Johnston,
- Narragansett, New Shoreham (Block Island), North Providence,
- Pawtucket, Richmond, Scituate, South Kingstown,
- Warren, West Greenwich, West Warwick, Woonsocket

Detail and Summary for January 2018

From the National Weather Service (NWS) Climate sites for Jan 2018.



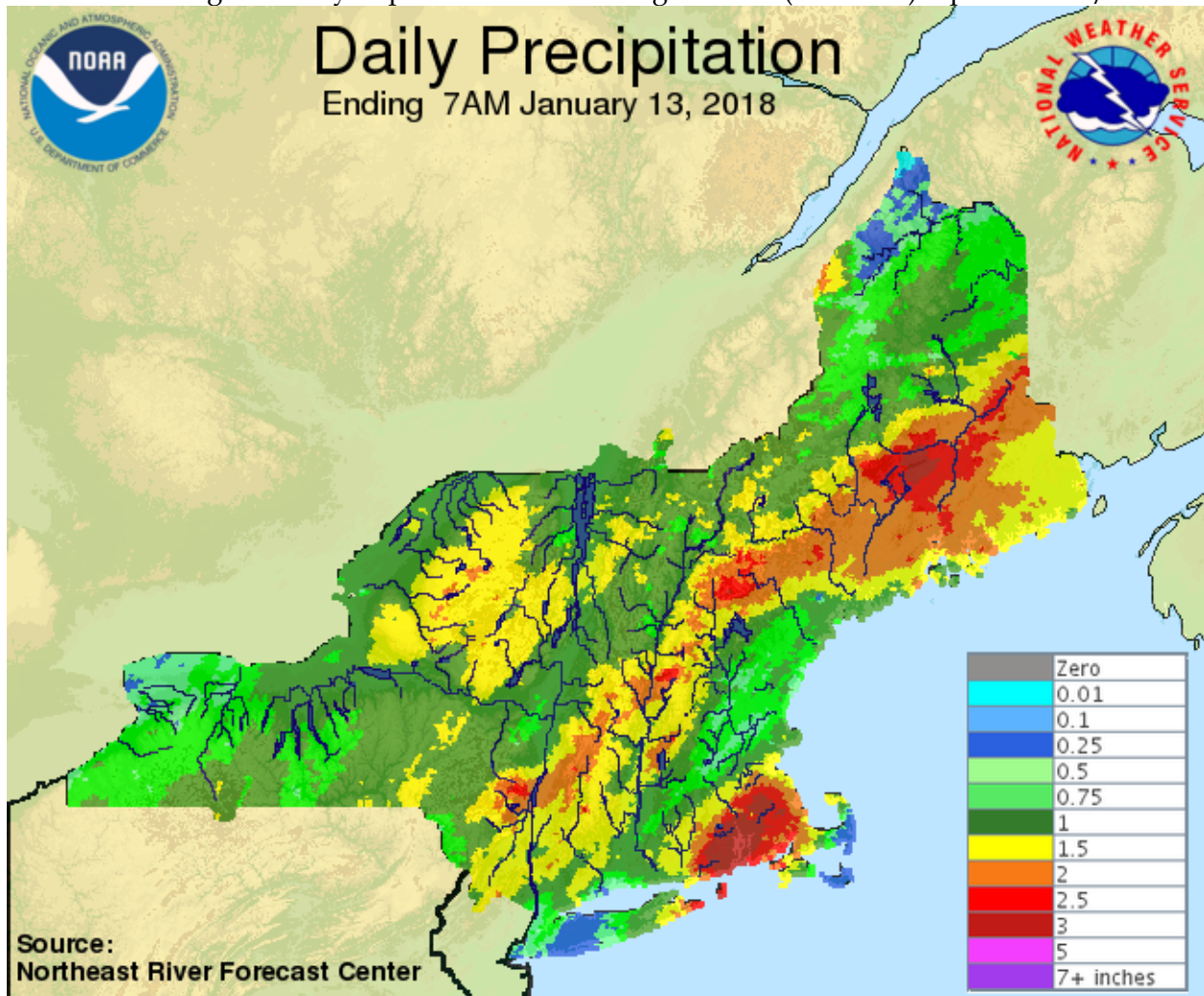
One of our more variable months between Providence and Bridgeport.

January started off cold, continuing from the last week of December. Blizzard conditions were experienced in part of our area with the winter storm that struck on the 4th. Our first thaw did not occur until the 9th. The river ice all of that cold created did create ice jams in a few areas. All rain on the 12th, highlighted by the map on the next page, and by the highest number of reports for the month. Snow on the 17th. Rain on the 23rd. Light snow to end the month.

Take in this next section of your reports with appreciation of your efforts.

From your reports for January 2018

Observers reporting	291
Reported all 31 days	128
Completed by Multi-Day Reports	24
Missing 1 or 2 reports	40
Daily Reports	6896
Zero Reports	3812
Non-Zero Reports	3084
Daily Comments	1823
Multi-Day Reports	177
Condition Monitoring Reports	19
Significant Weather Reports	74
Snowfall Reports	5117
Snow Depth Reports	3355
SWE Reports	1029
Highest Daily Report	3.84" from Kingston MA (MA-PL-5) reported on 1/13



A different approach being used this time with formulas combining your Total Precip Summary with your Multi-Day Reports. No longer going through nearly 80 stations that used Multi-Day Reports, one at a time, to look for complete reporting.

34 stations with a Multi-Day Report overlapping the beginning or end of the month are removed from this list. No longer looking to see if precipitation did or did not occur during the span of the overlapping Multi-Day Report.

82 reports for "NA" for precip removed 15 stations' totals from this list.

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

Watershed	Watershed Name	Station	Station Name	Precip
01070004	Nashua			
0107000403	Squannacook River	MA-MD-47	West Townsend 0.5 W	3.06"
01070005	Concord			
0107000501	Sudbury River	MA-MD-88	Wayland 2.1 SSE	3.93"
0107000502	Concord River	MA-WR-28	Berlin 1.3 WSW	3.00"
0107000502	Concord River	MA-WR-42	Northborough 2.3 N	3.26"
0107000502	Concord River	MA-MD-83	Boxborough 1.4 SSE	3.66"
0107000502	Concord River	MA-MD-12	Acton 1.3 SW	3.54"
0107000502	Concord River	MA-MD-51	Maynard 0.7 ESE	3.64"
01070006	Merrimack River			
0107000611	Spicket River	MA-ES-38	Methuen 1.6 NNE	2.63"
0107000612	Stony Brook - Merrimack River	MA-MD-104	Littleton 2.8 NNW	2.96"
0107000613	Shawsheen River	MA-MD-52	Lexington 0.6 SW	3.35"
0107000614	Powwow River - Merrimack River	MA-ES-20	Haverhill 0.7 N	3.37"
01080201	Middle Connecticut			
0108020106	Manhan River - Connecticut River	MA-HS-8	Williamsburg 1.2 WSW	3.75"
0108020106	Manhan River - Connecticut River	MA-HS-26	Easthampton 0.5 SW	4.42"
0108020106	Manhan River - Connecticut River	MA-FR-12	Sunderland 1.3 SE	3.84"
01080202	Miller			
0108020202	Lower Millers River	MA-WR-40	Gardner 1.4 SSW	3.33"
01080203	Deerfield			
0108020305	Lower Deerfield River	MA-FR-17	Buckland 1.8 ESE	4.07"
0108020305	Lower Deerfield River	MA-FR-13	Conway 2.9 NW	4.33"
0108020305	Lower Deerfield River	MA-FR-10	Conway 0.9 SW	4.16"
01080204	Chicopee			
0108020401	Swift River	MA-FR-8	New Salem 3.1 S	4.86"
0108020404	Chicopee River	MA-HD-25	Ludlow 2.3 SW	4.47"

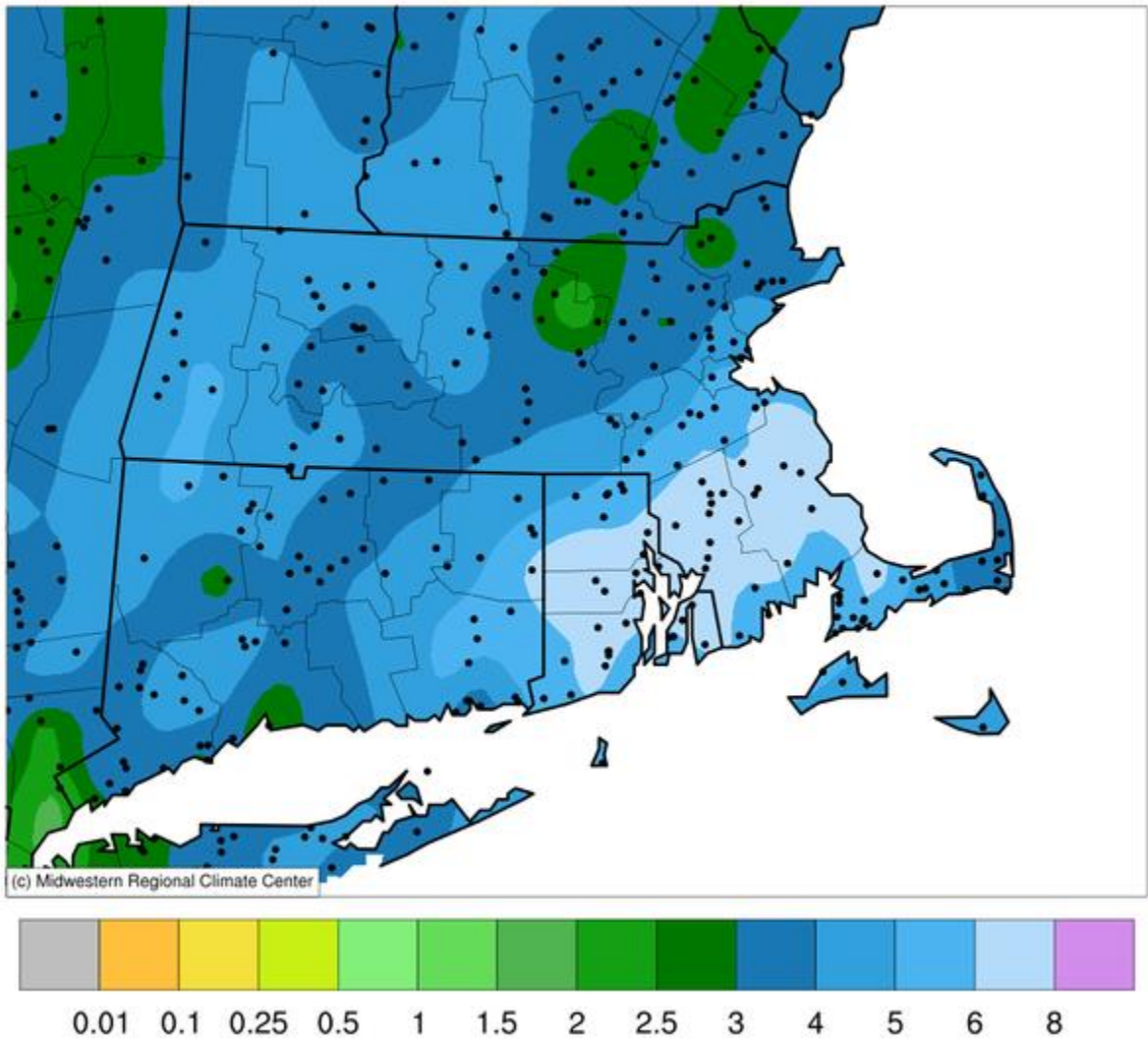
01080205	Lower Connecticut			
0108020501	Mill River - Connecticut River	CT-HR-5	Enfield 1.5 SE	3.81"
0108020502	Scantic River	MA-HD-20	Wilbraham 3.7 SSW	3.98"
0108020502	Scantic River	CT-TL-15	Central Somers 0.3 N	3.91"
0108020503	Park River	CT-HR-39	Farmington 1.6 SW	3.94"
0108020503	Park River	CT-HR-49	West Hartford 1.1 W	4.00"
0108020503	Park River	CT-HR-11	West Hartford 2.7 SSE	3.83"
0108020503	Park River	CT-HR-19	Newington 0.8 ENE	3.45"
0108020504	Hockanum River	CT-TL-19	Vernon 2.8 N	3.37"
0108020505	Roaring Brook - Connecticut River	CT-HR-6	Wethersfield 1.2 WSW	3.68"
0108020505	Roaring Brook - Connecticut River	CT-HR-22	East Hartford 1.3 E	3.98"
0108020506	Mattabesset River	CT-HR-15	Southington 3.0 E	4.23"
01080206	Westfield			
0108020601	Headwaters Westfield River	MA-HS-7	Plainfield 2.2 SW	5.21"
0108020601	Headwaters Westfield River	MA-HS-14	Plainfield 2.4 ESE	4.65"
01080207	Farmington			
0108020701	Still River	CT-LT-15	Colebrook 1.0 NE	4.57"
0108020702	West Branch Farmington River	MA-BE-4	Becket 5.6 SSW	5.30"
0108020702	West Branch Farmington River	CT-LT-18	New Hartford Center 1.5 N	4.40"
0108020704	Headwaters Farmington River	CT-LT-9	New Hartford Center 3.2 SW	4.46"
0108020705	Salmon Brook	CT-HR-8	North Granby 1.3 ENE	4.71"
01090001	Charles			
0109000101	Plum Island Sound - Frontal Atlantic Ocean	MA-ES-24	Newburyport 0.8 SW	3.16"
0109000102	Ipswich River	MA-MD-85	Wilmington 2.2 WNW	3.46"
0109000102	Ipswich River	MA-MD-45	Wilmington 1.5 NE	3.10"
0109000102	Ipswich River	MA-ES-12	Boxford 2.4 S	2.99"
0109000103	Essex River - Frontal Atlantic Ocean	MA-ES-41	Danvers 0.8 ESE	5.19"
0109000104	Saugus River - Frontal Broad Sound	MA-MD-81	Wakefield 0.5 NNW	3.39"
0109000104	Saugus River - Frontal Broad Sound	MA-SF-2	Winthrop 0.2 N	4.39"
0109000104	Saugus River - Frontal Broad Sound	MA-ES-8	Marblehead 0.8 SW	4.22"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-7	Winchester 0.7 SE	3.99"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-11	Cambridge 0.9 NNW	3.94"
0109000105	Mystic River - Frontal Boston Harbor	MA-SF-10	Chelsea 0.8 N	5.74"
0109000106	Upper Charles River	MA-WR-1	Milford 2.3 NNW	4.13"
0109000106	Upper Charles River	MA-MD-106	Holliston 2.4 W	4.67"
0109000106	Upper Charles River	MA-MD-42	Holliston 0.8 S	4.02"
0109000106	Upper Charles River	MA-NF-11	Millis 2.0 SW	4.81"
0109000108	Neponset River - Frontal Boston Harbor	MA-NF-1	Norwood 1.3 NW	4.68"
0109000109	Whitmans Pond - Frontal Boston Harbor	MA-PL-36	Hingham 0.8 ESE	5.99"
01090002	Cape Cod			
0109000201	North River - Frontal Massachusetts Bay	MA-PL-30	Duxbury 3.7 W	7.61"

0109000201	North River - Frontal Massachusetts Bay	MA-PL-39	Plymouth 6.6 SE	6.64"
0109000202	Cape Cod	MA-BA-8	Falmouth 1.8 WSW	6.44"
0109000202	Cape Cod	MA-BA-2	Falmouth 3.1 NNW	5.06"
0109000202	Cape Cod	MA-BA-57	Falmouth 5.7 N	5.32"
0109000202	Cape Cod	MA-BA-3	Falmouth 3.0 E	6.14"
0109000202	Cape Cod	MA-BA-11	East Falmouth 1.4 ESE	5.92"
0109000202	Cape Cod	MA-BA-18	Waquoit 0.6 SSW	5.91"
0109000202	Cape Cod	MA-BA-47	Mashpee 2.4 WSW	6.73"
0109000202	Cape Cod	MA-BA-59	Barnstable 3.6 W	6.77"
0109000202	Cape Cod	MA-BA-22	Yarmouth 0.9 NNW	4.10"
0109000202	Cape Cod	MA-BA-33	Brewster 1.5 ESE	3.41"
0109000202	Cape Cod	MA-BA-52	Truro 0.8 E	5.30"
0109000202	Cape Cod	MA-BA-30	Eastham 0.6 SW	3.75"
0109000202	Cape Cod	MA-BA-65	Chatham 0.2 SSE	3.59"
0109000203	Mattapoissett River - Frontal Buzzards Bay	MA-PL-19	Rochester 1.2 NNW	6.97"
0109000204	Paskamanset River - Frontal Buzzards Bay	MA-BR-14	Dartmouth 2.5 SSW	6.15"
0109000205	Sakonnet Point - Frontal Rhode Island Sound	RI-NW-5	Little Compton 1.7 NW	5.64"
0109000205	Sakonnet Point - Frontal Rhode Island Sound	RI-NW-7	Little Compton 0.6 E	6.08"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-5	West Tisbury 2.9 N	6.00"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-2	Vineyard Haven 0.8 WSW	5.40"
01090003	Blackstone			
0109000301	Upper Blackstone River	MA-WR-41	Auburn 2.6 SW	3.83"
0109000301	Upper Blackstone River	MA-WR-43	Leicester 2.4 ESE	3.77"
0109000302	Lower Blackstone River	RI-PR-50	Harrisville 1.2 SSE	4.86"
0109000302	Lower Blackstone River	RI-PR-28	North Smithfield 0.7 SE	5.14"
0109000302	Lower Blackstone River	RI-PR-55	Cumberland Hill 3.3 NE	5.35"
01090004	Narragansett			
0109000401	Upper Taunton River	MA-BR-30	Taunton 3.9 N	6.82"
0109000401	Upper Taunton River	MA-NF-31	Stoughton 1.2 E	6.51"
0109000401	Upper Taunton River	MA-PL-15	Abington 1.2 NNE	5.17"
0109000402	Middle Taunton River	MA-PL-31	Bridgewater 1.8 SE	6.77"
0109000403	Threemile River	MA-BR-9	Taunton 2.6 NW	6.93"
0109000404	Ten Mile River	MA-BR-23	Attleboro 0.9 ENE	6.16"
0109000405	Wonnasquatucket River-Moshassuck River	RI-PR-33	Greenville 0.7 NNW	5.78"
0109000405	Woonasquatucket River-Moshassuck River	RI-PR-51	North Smithfield 0.6 S	5.05"
0109000406	Pawtuxet River	RI-PR-17	Cranston 4.1 E	6.19"
0109000407	Palmer River	MA-BR-2	Rehoboth 2.1 N	6.87"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-3	Norton 1.8 NNE	6.63"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-16	Somerset 0.4 SSE	6.61"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-19	Somerset 2.0 NNE	6.96"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-8	Dighton 1.1 WSW	7.30"

0109000409	Narragansett Bay	RI-WS-31	Kingston 7.5 NNE	6.93"
0109000409	Narragansett Bay	RI-KN-2	East Greenwich 2.3 ESE	6.99"
0109000409	Narragansett Bay	RI-PR-32	Providence 2.3 NE	6.26"
0109000409	Narragansett Bay	RI-NW-4	Middletown 1.1 SW	4.78"
0109000409	Narragansett Bay	RI-NW-16	Portsmouth 1.3 S	6.96"
01090005	Pawcatuck-Wood			
0109000501	Wood River	RI-WS-1	Hope Valley 3.7 S	5.68"
0109000502	Upper Pawcatuck River	RI-WS-32	Kingston 6.9 NNW	6.88"
0109000504	Frontal Block Island Sound	RI-WS-36	Charlestown 3.0 WSW	6.18"
01100001	Quinebaug			
0110000103	Fivemile River	CT-WN-6	Dayville 2.0 ENE	4.67"
0110000103	Fivemile River	CT-WN-4	East Killingly 1.3 SW	5.56"
0110000106	Pachaug River	CT-NL-21	Griswold 0.9 N	5.21"
01100002	Shetucket			
0110000201	Willimantic River	CT-TL-2	Staffordville 0.4 NNW	3.51"
0110000203	Shetucket River	CT-NL-10	Norwich 2.5 NNE	5.84"
01100003	Thames			
0110000302	Thames River-Frontal New London Harbor	CT-NL-6	New London 1.0 NNW	5.05"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-22	Central Waterford 2.7 SSW	5.11"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-24	Stonington 1.4 NNW	5.35"
01100004	Quinnipiac			
0110000401	Quinnipiac River	CT-NH-14	Prospect 1.9 ENE	4.68"
0110000401	Quinnipiac River	CT-HR-23	Southington 0.9 SSE	4.10"
0110000401	Quinnipiac River	CT-NH-44	Wallingford Center 1.9 WNW	4.16"
0110000401	Quinnipiac River	CT-NH-43	Wallingford Center 3.3 NNW	4.94"
0110000401	Quinnipiac River	CT-NH-42	Wallingford Center 1.1 N	4.23"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-NH-41	Madison Center 1.6 W	3.87"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-MD-5	Westbrook Center 1.1 N	3.79"
0110000403	Mill River - Frontal Long Island Sound	CT-NH-16	Milford 1.8 E	3.82"
01100005	Housatonic			
0110000501	Headwaters Housatonic River	MA-BE-11	Great Barrington 3.0 N	4.56"
0110000501	Headwaters Housatonic River	MA-BE-3	Stockbridge .2 NNE	4.51"
0110000501	Headwaters Housatonic River	MA-BE-10	Pittsfield 2.0 NNW	4.83"
0110000508	Still River - Housatonic River	CT-FR-43	Bethel 0.5 E	3.91"
0110000508	Still River - Housatonic River	CT-FR-41	Bethel 3.5 NNE	3.53"
0110000508	Still River - Housatonic River	CT-FR-9	Brookfield 3.3 SSE	3.13"
0110000510	Eightmile Brook - Housatonic River	CT-FR-44	Newtown 4.3 E	4.95"
0110000512	Outlet Naugatuck River	CT-NH-22	Prospect 0.5 SW	4.98"
0110000513	Housatonic River - Frontal Long Island Sound	CT-FR-23	Shelton 1.3 W	4.54"
01100006	Saugatuck			
0110000601	Saugatuck River - Frontal Long Island Sound	CT-FR-31	Newtown 4.6 SSW	4.67"

0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-3	New Canaan 1.9 ENE	3.89"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-25	Norwalk 2.9 NNW	3.71"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-20	Westport 2.5 ENE	3.10"
0110000604	Mianus River-Rippowam River	CT-FR-39	Stamford 4.2 S	3.32"
0110000604	Mianus River-Rippowam River	CT-FR-50	Darien 2.8 NW	3.84"
0110000604	Mianus River-Rippowam River	CT-FR-35	Darien 1.8 ENE	3.12"
02030203	Long Island Sound			
0203020300	Long Island Sound	NY-SF-114	Fishers Island 0.5 NE	4.66"

Accumulated Precipitation (in)
 January 01, 2018 to January 31, 2018



“We do not live at the airport”

How do automated gauges work when the snow falls? Think about that as you look over these totals from our area airports. Our network does not use automated gauges. And we do not live at the airport!

Location	Station ID	January 2018 Precip	Jan departure from normal	Nov-Dec-Jan Precip	3 month departure from normal	Aug-Jan Precip	6 month departure from normal	Feb-Jan Precip	12 month departure from normal
White Plains NY	HPN	1.46"	-2.32"	4.35"	-7.72"	14.17"	-11.19"	34.55"	-14.80"
Danbury CT	DXR	2.26"	-1.10"	5.02"	-6.69"	15.59"	-9.67"	32.86"	-17.01"
New Haven CT	HVN	1.70"	-1.49"	5.03"	-5.70"	14.99"	-8.30"	30.10"	-17.01"
Meriden CT	MMK	3.49"	0.30"	7.08"	-3.65"	18.92"	-4.37"	37.20"	-9.91"
Hartford CT	HFD	2.73"	-0.42"	5.93"	-4.41"	18.74"	-2.88"	38.23"	-5.37"
Willimantic CT	IJD	3.43"	-0.02"	7.40"	-4.63"	18.53"	-5.93"	38.62"	-9.80"
New London CT	GON	0.30"	-2.97"	2.73"	-8.58"	14.70"	-8.63"	35.94"	-10.55"
Westerly RI	WST	4.20"	0.81"	8.88"	-2.79"	20.79"	-2.87"	42.75"	-4.64"
Newport RI	UUU	5.25"	1.60"	10.55"	-1.33"	20.99"	-2.35"	43.33"	-3.00"
New Bedford MA	EWB	5.94"	2.01"	12.67"	0.12"	23.90"	-0.45"	41.76"	-6.60"
Hyannis MA	HYA	3.79"	-0.24"	8.54"	-4.25"	29.34"	4.94"	52.29"	4.60"
Nantucket MA	ACK	4.27"	0.66"	8.51"	-3.33"	30.02"	6.31"	45.20"	0.78"
Marthas Vineyard MA	MVY	4.48"	1.10"	6.89"	-4.88"	24.18"	0.16"	44.78"	-0.38"
Taunton MA	TAN	4.69"	0.71"	10.25"	-2.55"	21.53"	-3.96"	43.52"	-6.22"
Plymouth MA	PYM	5.70"	2.01"	11.96"	-0.78"	22.84"	-1.69"	47.23"	-1.92"
Norwood MA	OWD	4.39"	0.96"	8.57"	-3.43"	19.72"	-4.04"	41.90"	-5.16"
Bedford MA	BED	2.25"	-1.22"	5.92"	-5.52"	14.53"	-8.34"	37.64"	-8.07"
Beverly MA	BVY	1.27"	-2.09"	4.81"	-6.15"	13.29"	-9.38"	34.78"	-11.40"
Lawrence MA	LWM	1.78"	-1.10"	5.05"	-4.78"	14.95"	-5.98"	35.32"	-7.84"
Fitchburg MA	FIT	2.19"	-1.16"	5.91"	-5.41"	21.97"	-1.28"	46.56"	-0.58"
Westfield MA	BAF	3.37"	0.11"	6.11"	-4.70"	18.39"	-5.82"	38.34"	-10.05"
North Adams MA	AQW	3.37"	0.71"	6.29"	-3.71"	17.02"	-6.02"	39.32"	-7.29"

Rulers of the Snow

You are the Rulers of the Snow. If you are able to, keep making a snowfall and snow depth report every day, rain, snow or sunshine.

All Days Reported

Station	Name	Jan 2018 Snowfall	All Days Precip	All Days Snowfall	All Days Snow Depth
MA-BR-9	Taunton 2.6 NW	25.9"	✓		
RI-PR-20	West Gloucester 3.4 SE	25.2"	✓		
MA-BR-8	Dighton 1.1 WSW	25.1"	✓	✓	✓
MA-BR-16	Somerset 0.4 SSE	25.0"	✓		
MA-SF-10	Chelsea 0.8 N	24.2"	✓		
CT-WN-8	Moosup 1.7 NE	23.3"			
MA-BR-3	Norton 1.8 NNE	23.2"	✓		
MA-BR-33	Taunton 2.4 W	23.1"			
MA-NF-19	Foxborough 1.8 SSW	23.0"			
MA-PL-23	Pembroke 2.8 SW	23.0"			
MA-NF-31	Stoughton 1.2 E	22.9"	✓		
MA-BR-37	Westport 0.9 ESE	22.8"			
MA-PL-31	Bridgewater 1.8 SE	22.7"	✓		
MA-NF-26	Bellingham 2.4 S	22.5"			
RI-KN-2	East Greenwich 2.3 ESE	22.2"	✓	✓	
MA-BE-4	Becket 5.6 SSW	22.0"	✓	✓	✓
MA-BR-2	Rehoboth 2.1 N	21.9"	✓		
MA-NF-1	Norwood 1.3 NW	21.9"	✓	✓	✓
MA-ES-20	Haverhill 0.7 N	21.3"	✓		
MA-PL-15	Abington 1.2 NNE	21.2"			
RI-WS-25	Rockville 0.4 E	21.0"			
MA-ES-41	Danvers 0.8 ESE	20.8"	✓	✓	
MA-MD-81	Wakefield 0.5 NNW	20.7"	✓		
CT-TL-2	Staffordville 0.4 NNW	20.7"	✓		
MA-WR-56	Sterling 4.3 NW	20.6"			
RI-PR-33	Greenville 0.7 NNW	20.4"	✓	✓	✓
MA-MD-94	Reading 1.7 SSW	20.0"			
CT-LT-15	Colebrook 1.0 NE	20.0"	✓		
RI-PR-32	Providence 2.3 NE	19.8"	✓	✓	✓
MA-MD-55	Holliston 0.7 W	19.8"			
CT-WN-16	East Brooklyn 2.6 W	19.5"			
MA-MD-12	Acton 1.3 SW	19.4"	✓	✓	✓
CT-WN-4	East Killingly 1.3 SW	19.2"	✓	✓	✓

January 2018 as a calendar. A count of your Daily Reports by Date. Red colors are for the highest counts. Blue/green color for the lowest counts.

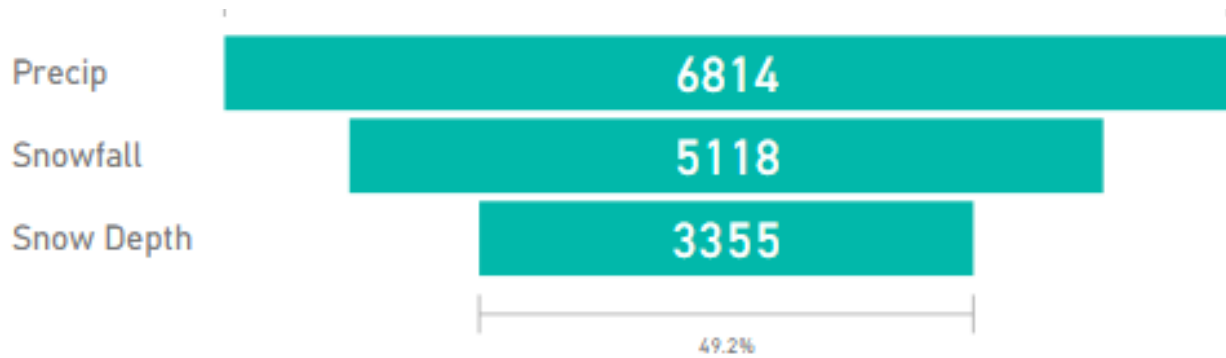
Our average was 222 Daily Reports per day. Easy to tell where our widespread rain event was reported.

January 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 216	2 219	3 229	4 230	5 222	6 217
7 222	8 215	9 226	10 229	11 224	12 228	13 244
14 220	15 220	16 220	17 222	18 214	19 221	20 211
21 208	22 218	23 232	24 235	25 228	26 224	27 219
28 228	29 226	30 216	31 213			

More from January 2018 reporting. Counts of your non-NA Daily Reports of precip, snow fall and snow depth.

49% of the Daily Reports coming with a non-NA snow depth is a record, surpassing our record in February 2017.

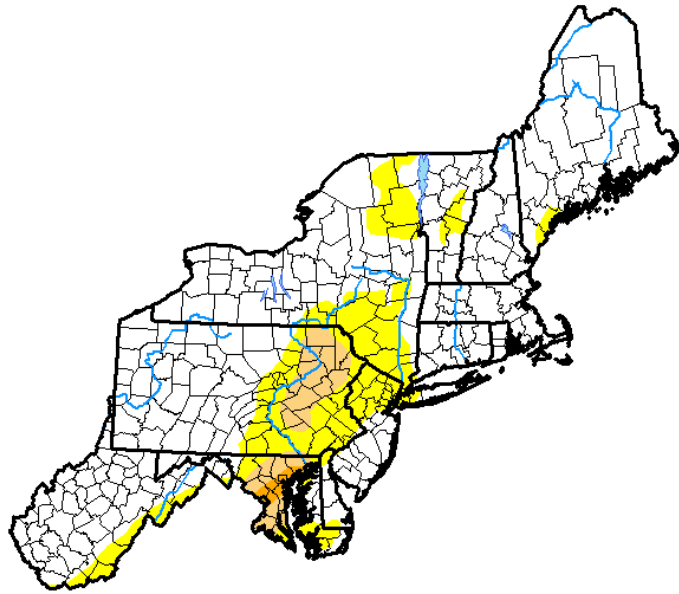


From the Drought Monitor.

No significant change in the past month. Every drop counts and zeros do too!

U.S. Drought Monitor Northeast

February 6, 2018
(Released Thursday, Feb. 8, 2018)
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	77.57	22.43	5.10	0.58	0.00	0.00
Last Week <i>01-30-2018</i>	73.60	26.40	5.27	0.58	0.00	0.00
3 Months Ago <i>11-07-2017</i>	91.03	8.97	0.00	0.00	0.00	0.00
Start of Calendar Year <i>01-02-2018</i>	76.12	23.88	5.25	0.00	0.00	0.00
Start of Water Year <i>09-26-2017</i>	77.60	22.40	3.93	0.00	0.00	0.00
One Year Ago <i>02-07-2017</i>	39.74	60.26	34.82	7.88	0.70	0.00

Intensity:

- 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. See accompanying text summary for forecast statements.

Author:

Eric Luebehusen
U.S. Department of Agriculture



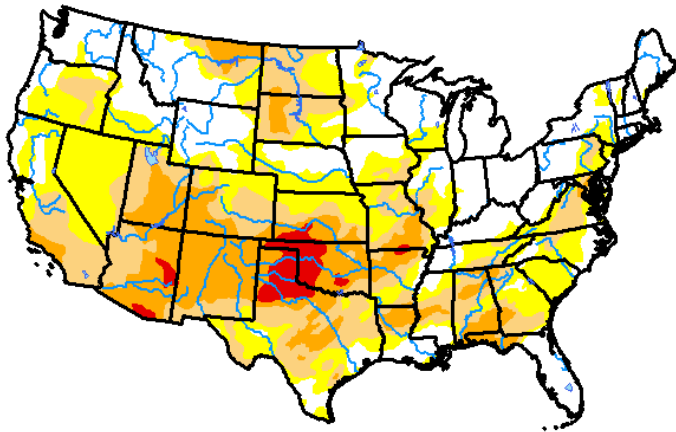
<http://droughtmonitor.unl.edu/>

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

More from the Drought Monitor.

Condition Monitoring Reports will become a more important contribution our network can make. Only 33% of our 48 states with no drought conditions. We have not yet started the growing season.

U.S. Drought Monitor Continental U.S. (CONUS)



February 6, 2018
(Released Thursday, Feb. 8, 2018)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	33.05	66.95	39.64	18.44	2.60	0.00
Last Week <i>01-30-2018</i>	32.90	67.10	38.42	17.21	1.72	0.00
3 Months Ago <i>11-07-2017</i>	67.19	32.81	11.96	2.90	0.75	0.00
Start of Calendar Year <i>01-02-2018</i>	44.46	55.54	27.70	7.46	0.83	0.00
Start of Water Year <i>09-26-2017</i>	63.07	36.93	13.81	4.99	2.36	0.87
One Year Ago <i>02-07-2017</i>	68.99	31.01	14.27	3.40	0.34	0.00

Intensity:

- 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. See accompanying text summary for forecast statements.

Author:

Eric Luebehusen
U.S. Department of Agriculture



<http://droughtmonitor.unl.edu/>

Wrap up

February is the shortest month of the year. Because of our northern climate, it tends to be our lowest month in reporting for our network. Climatologically, February is our driest month of the year, averages of precipitation near 3.5", down from its usual 4" per month.

If you do not put much value in Groundhogs foretelling our climate, perhaps you can put some value into our professionals. The Climate Prediction Center, situated in College Park MD, updates their 6-10 day and 8-14 day outlooks, every day after 3PM. The temperature forecasts within 2 weeks tend to be reliable. The precipitation forecasts often show a lack of accuracy as our network knows the variable nature of precipitation. The plans that I make this week and weekend, are based upon their predictions for the next week and weekend and the one after that. Check them out at www.cpc.noaa.gov updated 7 days a week after 3PM.

January's webinar was about "[Storm Surge](#)" Although we may associate storm surge with tropical storms, areas around Boston MA were affected with storm surge with our winter storm that came this past January 4th

Coastal residents and inland residents alike are encouraged to watch this [webinar](#). First reaction may be "I don't have 1 hour and 23 minutes to see this". Please, just watch the first 10-20 minutes to get the audio and visual points.

4 hurricane landfalls on the United States in 2017; Harvey, Irma, Maria & Nate. Zero deaths, that's right, zero loss of life occurred due to storm surge. Learn and find out why our nation leads all others in preventing storm surge deaths. Tools have changed since Sandy came in 2012.

Next month, we kick off our annual recruiting drive, titled "March Madness."

The first harvest of the year is coming to our New England states. To the natives, it was a sign of survival. Soon, the slightly sweet sap will start to flow in our sugar maple trees and the end of winter will be upon us.

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