

Community Collaborative Rain, Hail & Snow Network



Southern



New England

June 2019

The spring rains continued. The reports kept coming.

During the morning reporting of May 31st, at 7:24AM, one of three possible observers, CT-NH-57, MA-ES-25 or MA-ES-56 submitted our 10,000th report for the month of May. 10,000!!! Congratulations to all that helped us cross this huge milestone in reporting.

Single month reporting records broken for all three of our states. Rhode Island passes Delaware with reporting. We broke a single month record with Condition Monitoring Reports. A single day reporting record on May 29th of 354 Daily Reports. And we reported over 7,000 Daily Reports of non-zero precipitation as the spring rains stayed with us through May.

We start this issue with the Grand List. We have our 1st observer to cross 4000 Daily Reports submitted. On to Observer Tips, your reports, and Connecticut celebrates its 10th anniversary in the network.

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

RI-NW-4 Middletown 1.1 SW

1000 Daily Reports

CT-FR-32 Monroe 0.8 W
CT-LT-14 Watertown 0.5 S
CT-NL-18 Stonington 0.5 NNE
MA-NT-1 Nantucket 3.8 WNW
RI-WS-14 Kingston 5.5 W
MA-BA-43 Chatham 0.4 WSW
CT-FR-43 Bethel 0.5 E

Observer Tips

Dew on the Gauge As the spring rains transition to summer warmth, the morning observation has a different look to it. Clear skies, plenty of moisture, and dew on the gauge.

If you are new to the crew, be sure you know what to do about dew. Our rain gauge is a ***GREAT*** dew collector. If you are reporting precipitation, be certain it came from a passing cloud and be certain it came from the sky. Look for confirming cues of wet pavement or puddles. Dew has smaller droplets on the funnel. Rain has larger droplets on the funnel.

Liquid in the inner cylinder does not mean it came from the sky, especially small quantities of 0.02" or less. Liquid in the inner cylinder can come from condensation. Our coastal locations can collect moisture from fog.

We measure and report precipitation, what falls from the sky.

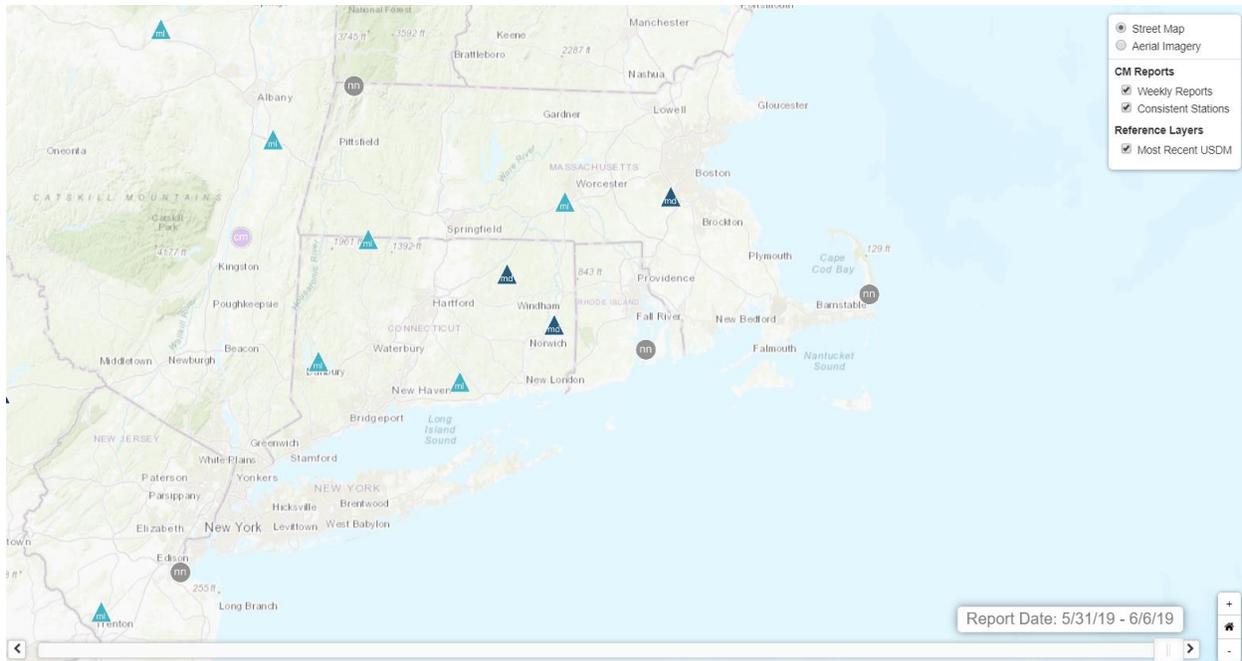
Dew on the gauge, during morning observation, can occur on half of the days in these upcoming months. ***HALF***. Make a Comment "Dew on the gauge" and count your comments with that phrase at the end of a month or longer during these warm weather months.

Significant Weather Reports: Off to a good start with the passing storms of early June. Our locale does well to report Significant Weather. Be safe. No dashing outside with winds howling and lightning bolts flashing. Wait until it is safe. Keep the rule of thumb in mind for a report submitting criteria: 1" of rain in 1 hour or less.

As we remember our network's 21st birthday this month, Significant Weather reporting and Hail Reporting goes back to how our network got its start.

Condition Monitoring Reports: Great to see a single month record broken of these reports in May. Keep up the reporting in the months to come. One report a week is all that we seek. Develop a reputation of being a Consistent Station.

Our current map of Condition Monitoring Reports



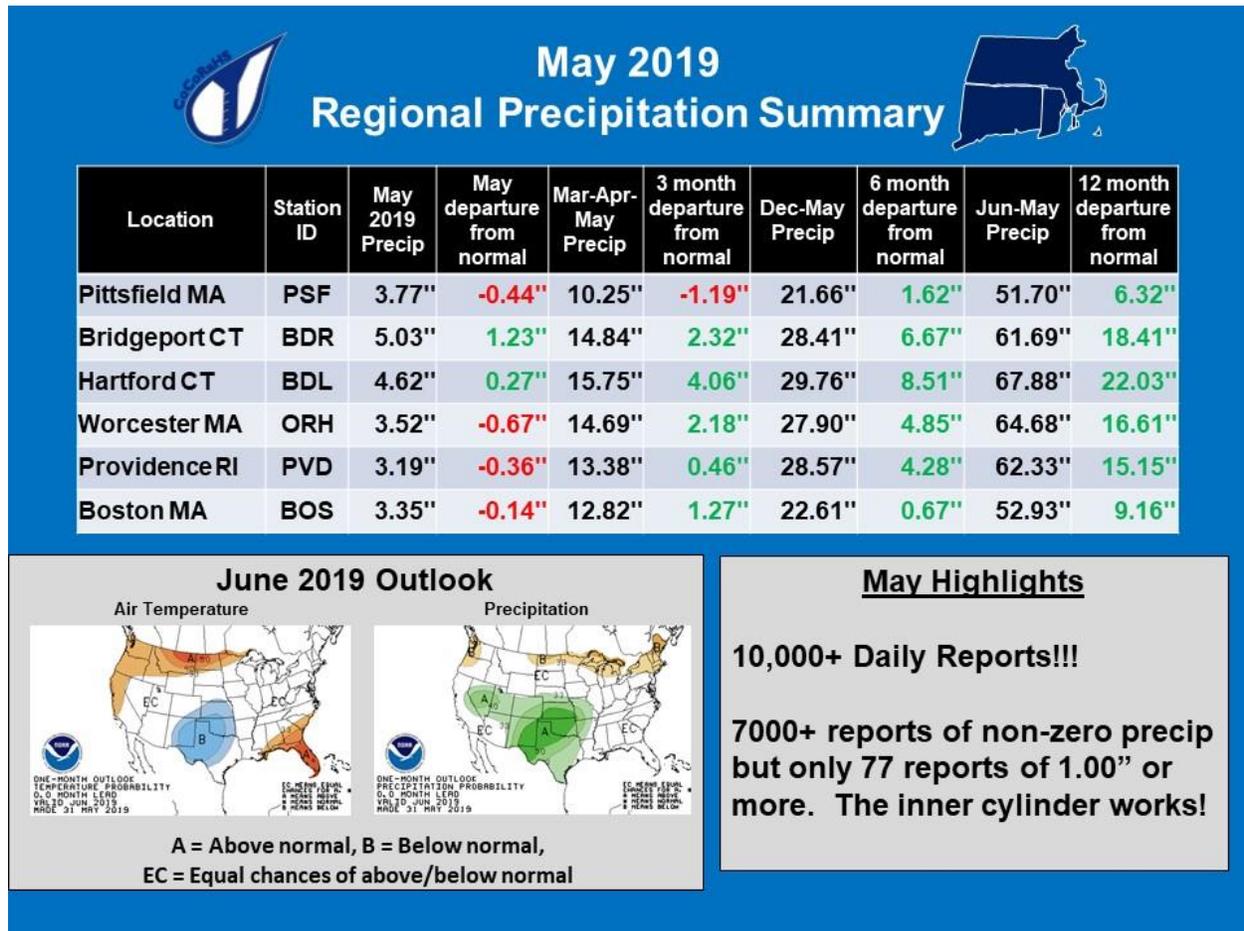
Comments: When the summer downpours come, one of your reports may stand out from the others. That time, above all other times, many of us are going to look for a Comment to see more about your reported amount.

Take the time and develop the habit of making a Comment with a report of precipitation. You can verify and clarify your reported value, add a narrative to the event, with your words.

Please make a Comment with reports of precipitation that verify and clarify your report.

Detail and Summary for May 2019

From the National Weather Service (NWS) Climate sites for May 2019.



The first week of May was overcast and rainy. Not until the 7th that the sun came out. Widespread rain on the 13th-14th. Memorial Day Weekend came with a small amount of rain on Saturday night. The main event, the deciding event why south and west CT received more precip than the rest of the area, was a local 2" of rain coming in the last week of May, noted by the map on the next page.

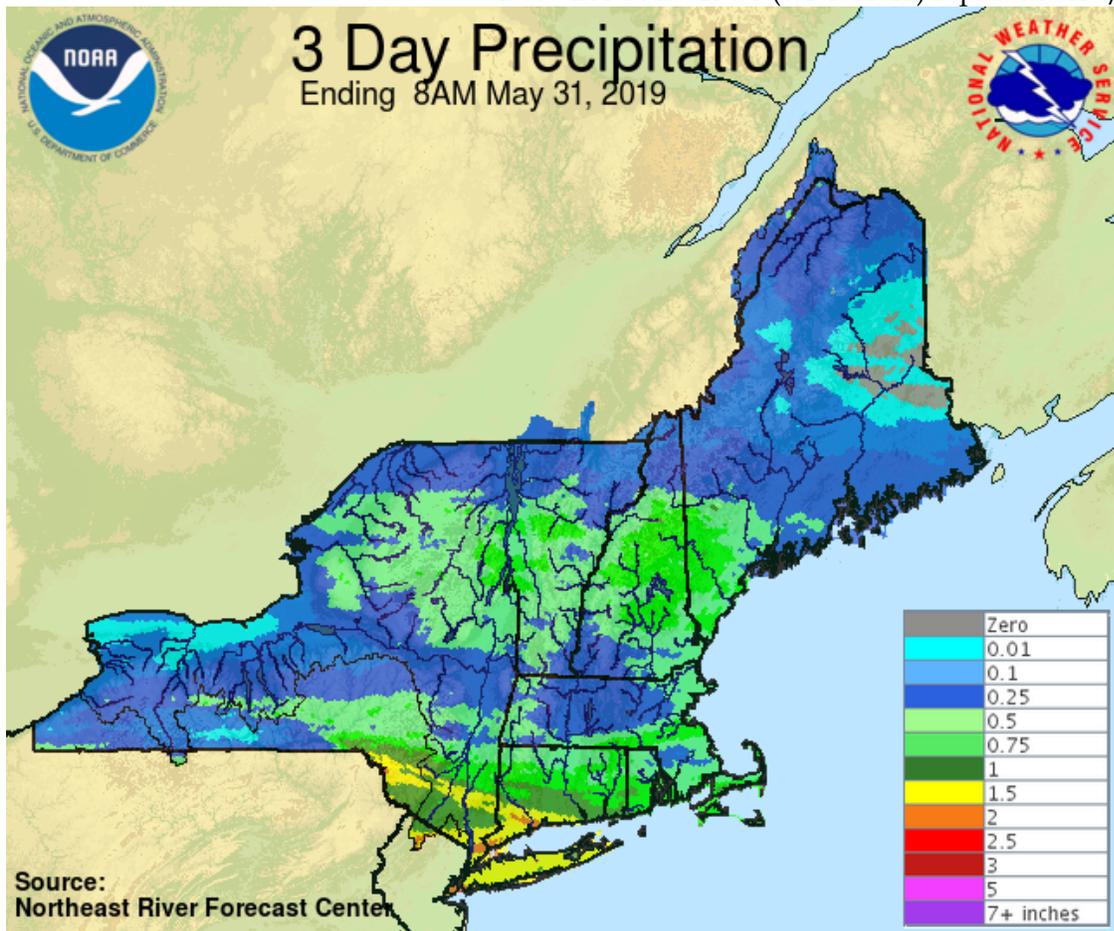
Plenty of small rains. 7000+ reports of precip, but only 77 reports of 1.00"

Rainy days outnumbered zero days, by a 2:1 margin. Two months in a row where rainy days dominated the month by a 2:1 margin.

Take in the next section with appreciation of your efforts.

From your reports for May 2019

Observers reporting	391
Reported all 31 days	184
Completed by Multi-Day Reports	62
Missing 1 or 2 reports	66
Daily Reports	10271 !!
Zero Reports	3262
Non-Zero Reports	7009
Daily Comments	1790
Multi-Day Reports	224
Condition Monitoring Reports	61
Significant Weather Reports	5
Hail Reports	0
Snowfall Reports	4345
Snow Depth Reports	2745
Highest Daily Report	1.39" in New Milford CT (CT-LT-22) reported on 5/29
	1.39" in Madison CT (CT-NH-41) reported on 5/13



A handful of stations had a multi-day report that spanned April 30. Those stations were excluded because we did have precip reported for April 30. Another handful of stations because of reports of NA precip.

Check over your station's reports, with Station Precip Summary on the website, or the "History" function on the mobile app. Once you're in the habit of not missing reports, making this list becomes easier. Strive not to miss any days with either a Daily Report or a Mult-Day Report.

Watershed	Watershed Name	Station Number	Station Name	Precip
01070004	Nashua			
0107000401	North Nashua River	MA-WR-44	Westminster 0.6 WSW	3.90"
0107000401	North Nashua River	MA-WR-22	Fitchburg 2.0 NNE	2.74"
0107000402	Headwaters Nashua River	MA-WR-64	Sterling 3.7 WNW	3.24"
0107000402	Headwaters Nashua River	MA-WR-56	Sterling 4.3 NW	3.02"
0107000403	Squannacook River	MA-MD-47	West Townsend 0.5 W	2.90"
0107000403	Squannacook River	MA-MD-36	Townsend 2.6 S	2.99"
01070005	Concord			
0107000501	Sudbury River	MA-MD-100	Sudbury 1.6 N	3.52"
0107000502	Concord River	MA-WR-30	Shrewsbury 1.6 NNE	3.36"
0107000502	Concord River	MA-WR-42	Northborough 2.3 N	3.32"
0107000502	Concord River	MA-MD-115	Hudson 1.4 NW	3.36"
0107000502	Concord River	MA-WR-55	Harvard 2.1 S	3.36"
0107000502	Concord River	MA-MD-12	Acton 1.3 SW	3.52"
0107000502	Concord River	MA-MD-51	Maynard 0.7 ESE	3.61"
0107000502	Concord River	MA-MD-62	Chelmsford 1.2 E	2.79"
0107000502	Concord River	MA-MD-34	Chelmsford 2.0 ENE	2.95"
01070006	Merrimack River			
0107000612	Stony Brook - Merrimack River	MA-MD-104	Littleton 2.8 NNW	2.86"
0107000612	Stony Brook - Merrimack River	MA-MD-105	Littleton 0.9 WSW	3.69"
0107000612	Stony Brook - Merrimack River	MA-MD-93	Westford 1.5 SSW	2.77"
0107000613	Shawsheen River	MA-MD-52	Lexington 0.6 SW	3.46"
0107000613	Shawsheen River	MA-MD-96	Lexington 0.3 NE	2.89"
0107000613	Shawsheen River	MA-ES-48	Andover 0.6 E	3.12"
0107000614	Powwow River - Merrimack River	MA-ES-20	Haverhill 0.7 N	3.10"
0107000614	Powwow River - Merrimack River	MA-ES-4	Groveland 0.5 WSW	3.03"
0107000614	Powwow River - Merrimack River	MA-ES-55	Groveland 0.8 S	3.08"
0107000614	Powwow River - Merrimack River	MA-ES-59	Amesbury 1.2 N	2.99"
0107000614	Powwow River - Merrimack River	MA-ES-56	Newburyport 1.0 ESE	3.13"
01080201	Middle Connecticut			

0108020106	Manhan River - Connecticut River	MA-HS-8	Williamsburg 1.2 WSW	3.94"
0108020106	Manhan River - Connecticut River	MA-HS-26	Easthampton 0.5 SW	3.81"
0108020106	Manhan River - Connecticut River	MA-FR-12	Sunderland 1.3 SE	3.70"
0108020107	Batchelor Brook - Connecticut River	MA-HD-13	Springfield 4.1 W	4.13"
01080202	Miller			
0108020201	Upper Millers River	NH-CH-20	Rindge 3.2 ESE	3.34"
01080203	Deerfield			
0108020303	North River	MA-FR-31	Colrain 3.7 WNW	3.51"
0108020303	North River	MA-FR-29	Colrain 0.8 WNW	3.80"
0108020305	Lower Deerfield River	MA-FR-17	Buckland 1.8 ESE	3.59"
0108020305	Lower Deerfield River	MA-FR-13	Conway 2.9 NW	3.66"
0108020305	Lower Deerfield River	MA-FR-10	Conway 0.9 SW	3.65"
01080204	Chicopee			
0108020401	Swift River	MA-FR-8	New Salem 3.1 S	3.52"
0108020402	Ware River	MA-WR-54	Barre 1.4 NNE	3.56"
0108020403	Quaboag River	MA-HD-26	Brimfield 3.6 NW	4.83"
0108020403	Quaboag River	MA-WR-75	Warren 2.4 WSW	4.07"
0108020403	Quaboag River	MA-WR-63	Rutland 3.1 SW	3.79"
0108020404	Chicopee River	MA-HD-25	Ludlow 2.3 SW	4.07"
01080205	Lower Connecticut			
0108020501	Mill River - Connecticut River	CT-HR-82	Suffield 0.5 NNE	5.30"
0108020501	Mill River - Connecticut River	CT-HR-57	Suffield Depot 3.3 NNE	5.64"
0108020501	Mill River - Connecticut River	CT-HR-5	Enfield 1.5 SE	4.35"
0108020502	Scantic River	CT-TL-26	Broad Brook 2.6 ESE	4.66"
0108020502	Scantic River	CT-TL-15	Central Somers 0.3 N	4.50"
0108020503	Park River	CT-HR-39	Farmington 1.6 SW	5.03"
0108020503	Park River	CT-HR-49	West Hartford 1.1 W	4.18"
0108020503	Park River	CT-HR-78	West Hartford 1.8 SSE	4.55"
0108020503	Park River	CT-HR-11	West Hartford 2.7 SSE	4.17"
0108020504	Hockanum River	CT-HR-52	Central Manchester 0.8 N	4.43"
0108020504	Hockanum River	CT-TL-19	Vernon 2.8 N	4.59"
0108020505	Roaring Brook - Connecticut River	CT-HR-6	Wethersfield 1.2 WSW	4.60"
0108020505	Roaring Brook - Connecticut River	CT-HR-68	Rocky Hill 1.3 E	4.93"
0108020505	Roaring Brook - Connecticut River	CT-HR-84	East Hartford 2.0 SSE	5.38"
0108020505	Roaring Brook - Connecticut River	CT-HR-22	East Hartford 1.3 E	4.47"
0108020505	Roaring Brook - Connecticut River	CT-HR-7	Central Manchester 2.7 SW	4.85"
0108020506	Mattabesset River	CT-HR-15	Southington 3.0 E	5.61"
0108020506	Mattabesset River	CT-HR-80	Kensington 0.7 WSW	5.20"
0108020506	Mattabesset River	CT-HR-65	Newington 1.9 SSW	4.32"
0108020506	Mattabesset River	CT-MD-25	Middlefield 0.6 SE	5.58"
0108020507	Higganum Creek - Connecticut River	CT-MD-23	Higganum 0.7 N	5.91"

0108020507	Higganum Creek - Connecticut River	CT-MD-26	Higganum 0.8 NE	5.39"
0108020508	Salmon River	CT-TL-29	Hebron 1.6 SW	4.58"
0108020509	Eightmile River-Connecticut River	CT-MD-18	Essex Village 0.9 S	5.12"
01080206	Westfield			
0108020603	Outlet Westfield River	MA-HD-28	Westfield 2.8 SE	4.43"
01080207	Farmington			
0108020701	Still River	CT-LT-15	Colebrook 1.0 NE	5.37"
0108020702	West Branch Farmington River	MA-BE-4	Becket 5.6 SSW	5.03"
0108020704	Headwaters Farmington River	CT-LT-9	New Hartford Center 3.2 SW	4.62"
0108020704	Headwaters Farmington River	CT-HR-70	Canton 1.5 W	4.98"
0108020704	Headwaters Farmington River	CT-HR-71	Bristol 2.7 NNE	4.87"
0108020704	Headwaters Farmington River	CT-HR-28	North Canton 0.8 SSW	4.93"
0108020705	Salmon Brook	CT-HR-60	North Granby 0.7 N	5.06"
0108020705	Salmon Brook	CT-HR-8	North Granby 1.3 ENE	5.22"
01090001	Charles			
0109000102	Ipswich River	MA-MD-85	Wilmington 2.2 WNW	3.02"
0109000102	Ipswich River	MA-MD-125	Tewksbury 3.6 SSE	2.85"
0109000102	Ipswich River	MA-MD-45	Wilmington 1.5 NE	2.40"
0109000102	Ipswich River	MA-ES-58	Middleton 1.4 SSW	2.97"
0109000102	Ipswich River	MA-ES-12	Boxford 2.4 S	2.95"
0109000102	Ipswich River	MA-ES-2	Beverly 2.8 NW	2.88"
0109000103	Essex River - Frontal Atlantic Ocean	MA-ES-41	Danvers 0.8 ESE	3.11"
0109000104	Saugus River - Frontal Broad Sound	MA-MD-126	Melrose 0.5 NE	3.12"
0109000104	Saugus River - Frontal Broad Sound	MA-ES-45	Nahant 0.4 N	3.56"
0109000104	Saugus River - Frontal Broad Sound	MA-ES-8	Marblehead 0.8 SW	3.31"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-123	Lexington 1.3 SE	3.56"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-18	Belmont 0.2 ESE	3.88"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-7	Winchester 0.7 SE	3.57"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-44	Medford 1.2 W	3.59"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-11	Cambridge 0.9 NNW	3.54"
0109000105	Mystic River - Frontal Boston Harbor	MA-SF-10	Chelsea 0.8 N	3.86"
0109000106	Upper Charles River	MA-WR-1	Milford 2.3 NNW	4.60"
0109000106	Upper Charles River	MA-MD-42	Holliston 0.8 S	4.51"
0109000106	Upper Charles River	MA-NF-11	Millis 2.0 SW	4.35"
0109000106	Upper Charles River	MA-NF-50	Millis 1.4 ENE	4.69"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-MD-120	Natick 1.9 NNE	3.44"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-MD-119	Watertown 1.1 W	3.47"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-MD-151	Cambridge 0.9 SSE	3.03"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-MD-134	Somerville 0.5 SSE	2.26"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-SF-1	Boston 0.5 WSW	3.02"
0109000108	Neponset River - Frontal Boston Harbor	MA-NF-47	Westwood 1.1 WSW	4.57"

0109000108	Neponset River - Frontal Boston Harbor	MA-NF-1	Norwood 1.3 NW	4.54"
0109000109	Whitmans Pond - Frontal Boston Harbor	MA-NF-36	Weymouth 2.8 NW	4.17"
0109000109	Whitmans Pond - Frontal Boston Harbor	MA-NF-39	Weymouth 2.3 N	4.03"
0109000109	Whitmans Pond - Frontal Boston Harbor	MA-PL-36	Hingham 0.8 ESE	4.47"
01090002	Cape Cod			
0109000201	North River - Frontal Massachusetts Bay	MA-PL-43	Hanson 0.7 NW	4.23"
0109000201	North River - Frontal Massachusetts Bay	MA-PL-5	Kingston 3.3 WNW	3.71"
0109000201	North River - Frontal Massachusetts Bay	MA-PL-47	Plymouth 1.1 NNW	3.38"
0109000202	Cape Cod	MA-BA-8	Falmouth 1.8 WSW	3.53"
0109000202	Cape Cod	MA-BA-2	Falmouth 3.1 NNW	3.70"
0109000202	Cape Cod	MA-BA-13	Falmouth 0.6 NNW	3.66"
0109000202	Cape Cod	MA-BA-50	Falmouth 5.4 NNE	3.73"
0109000202	Cape Cod	MA-BA-19	East Falmouth 0.7 NW	4.19"
0109000202	Cape Cod	MA-BA-3	Falmouth 3.0 E	3.63"
0109000202	Cape Cod	MA-BA-11	East Falmouth 1.4 ESE	3.58"
0109000202	Cape Cod	MA-BA-18	Waquoit 0.6 SSW	4.12"
0109000202	Cape Cod	MA-BA-47	Mashpee 2.4 WSW	3.97"
0109000202	Cape Cod	MA-BA-45	Sandwich 0.9 NNE	3.01"
0109000202	Cape Cod	MA-BA-79	Mashpee 0.8 SSW	4.15"
0109000202	Cape Cod	MA-BA-78	Mashpee 4.6 S	4.09"
0109000202	Cape Cod	MA-BA-10	East Sandwich 2.3 SE	3.89"
0109000202	Cape Cod	MA-BA-59	Barnstable 3.6 W	4.27"
0109000202	Cape Cod	MA-BA-76	Barnstable 0.7 NE	3.68"
0109000202	Cape Cod	MA-BA-22	Yarmouth 0.9 NNW	3.70"
0109000202	Cape Cod	MA-BA-72	Yarmouth 2.0 S	4.28"
0109000202	Cape Cod	MA-BA-77	South Dennis 1.0 NW	3.72"
0109000202	Cape Cod	MA-BA-80	Brewster 1.4 W	3.43"
0109000202	Cape Cod	MA-BA-52	Truro 0.8 E	3.89"
0109000202	Cape Cod	MA-BA-27	Wellfleet 0.7 NW	3.70"
0109000202	Cape Cod	MA-BA-42	Orleans 1.8 S	3.81"
0109000202	Cape Cod	MA-BA-51	Orleans 3.0 S	4.23"
0109000202	Cape Cod	MA-BA-43	Chatham 0.4 WSW	4.22"
0109000203	Mattapoisett River - Frontal Buzzards Bay	MA-PL-19	Rochester 1.2 NNW	4.05"
0109000204	Paskamanset River - Frontal Buzzards Bay	MA-BR-14	Dartmouth 2.5 SSW	4.27"
0109000204	Paskamanset River - Frontal Buzzards Bay	MA-BR-52	New Bedford 4.3 N	3.85"
0109000205	Sakonnet Point - Frontal Rhode Island Sound	RI-NW-5	Little Compton 1.7 NW	4.09"
0109000205	Sakonnet Point - Frontal Rhode Island Sound	RI-NW-17	Tiverton 4.4 SSE	3.73"
0109000205	Sakonnet Point - Frontal Rhode Island Sound	RI-NW-7	Little Compton 0.6 E	3.82"
0109000205	Sakonnet Point - Frontal Rhode Island Sound	MA-BR-37	Westport 0.9 ESE	4.01"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-5	West Tisbury 2.9 N	3.93"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-2	Vineyard Haven 0.8 WSW	3.55"

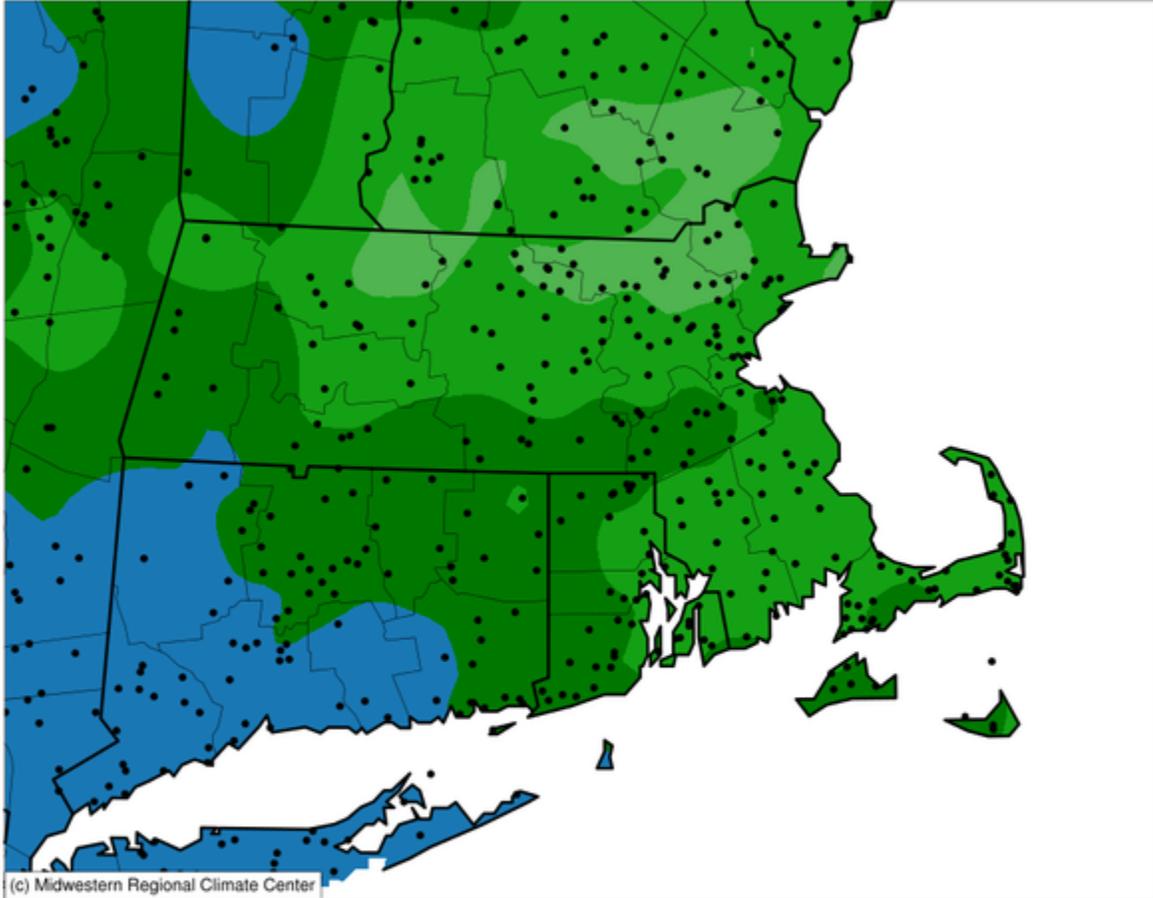
0109000207	Nantucket Island	MA-NT-1	Nantucket 3.8 WNW	4.51"
0109000207	Nantucket Island	MA-NT-2	Nantucket 2.2 E	4.61"
01090003	Blackstone			
0109000301	Upper Blackstone River	MA-WR-41	Auburn 2.6 SW	4.47"
0109000301	Upper Blackstone River	MA-WR-43	Leicester 2.4 ESE	3.13"
0109000301	Upper Blackstone River	MA-WR-70	Grafton 1.5 W	4.07"
0109000302	Lower Blackstone River	RI-PR-50	Harrisville 1.2 SSE	4.40"
0109000302	Lower Blackstone River	RI-PR-28	North Smithfield 0.7 SE	3.98"
0109000302	Lower Blackstone River	RI-PR-45	Manville 0.4 WSW	4.24"
01090004	Narragansett			
0109000401	Upper Taunton River	MA-BR-30	Taunton 3.9 N	3.45"
0109000401	Upper Taunton River	MA-NF-31	Stoughton 1.2 E	4.62"
0109000401	Upper Taunton River	MA-PL-22	East Bridgewater 0.3 WSW	3.59"
0109000401	Upper Taunton River	MA-PL-15	Abington 1.2 NNE	3.41"
0109000401	Upper Taunton River	MA-PL-23	Pembroke 2.8 SW	3.37"
0109000402	Middle Taunton River	MA-PL-31	Bridgewater 1.8 SE	3.45"
0109000402	Middle Taunton River	MA-PL-17	Plympton 0.9 NNE	3.20"
0109000403	Threemile River	MA-NF-19	Foxborough 1.8 SSW	4.39"
0109000403	Threemile River	MA-BR-55	NWS Boston/Norton 2.5 ESE	3.74"
0109000403	Threemile River	MA-BR-9	Taunton 2.6 NW	3.34"
0109000404	Ten Mile River	MA-BR-23	Attleboro 0.9 ENE	3.13"
0109000405	Woonasquatucket River-Moshassuck River	RI-PR-33	Greenville 0.7 NNW	3.84"
0109000405	Woonasquatucket River-Moshassuck River	RI-PR-51	North Smithfield 0.6 S	3.96"
0109000405	Woonasquatucket River-Moshassuck River	RI-PR-53	Providence 1.7 N	3.96"
0109000406	Pawtuxet River	RI-KN-21	Coventry 1.9 NE	3.72"
0109000406	Pawtuxet River	RI-PR-57	Cranston 1.2 SSE	3.60"
0109000407	Palmer River	MA-BR-2	Rehoboth 2.1 N	3.45"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-3	Norton 1.8 NNE	3.95"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-16	Somerset 0.4 SSE	3.73"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-58	Dighton 3.3 NNW	3.42"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-8	Dighton 1.1 WSW	3.64"
0109000409	Narragansett Bay	RI-KN-17	East Greenwich 1.2 NNE	4.34"
0109000409	Narragansett Bay	RI-WS-31	Kingston 7.5 NNE	4.27"
0109000409	Narragansett Bay	RI-KN-15	Warwick 4.3 SSW	3.49"
0109000409	Narragansett Bay	RI-KN-2	East Greenwich 2.3 ESE	4.43"
0109000409	Narragansett Bay	RI-NW-18	Jamestown 0.3 SSE	3.68"
0109000409	Narragansett Bay	RI-BR-5	Barrington 1.3 WNW	3.52"
0109000409	Narragansett Bay	RI-NW-16	Portsmouth 1.3 S	3.85"
0109000409	Narragansett Bay	RI-NW-21	Portsmouth 2.7 NNE	3.98"
0109000409	Narragansett Bay	RI-NW-20	Tiverton 1.0 SSW	3.74"
01090005	Pawcatuck-Wood			

0109000502	Upper Pawcatuck River	RI-WS-46	Westerly 3.4 E	4.51"
0109000502	Upper Pawcatuck River	RI-WS-51	Richmond 2.4 SSE	4.63"
0109000502	Upper Pawcatuck River	RI-WS-42	Richmond 4.6 NNE	4.71"
0109000502	Upper Pawcatuck River	RI-WS-45	Charlestown 4.7 NNE	4.67"
0109000502	Upper Pawcatuck River	RI-WS-37	Kingston 2.4 SW	3.99"
0109000502	Upper Pawcatuck River	RI-WS-40	West Warwick 7.7 S	4.77"
0109000503	Lower Pawcatuck River	CT-NL-40	Pawcatuck 1.8 SSE	4.60"
0109000503	Lower Pawcatuck River	RI-WS-47	Westerly 0.8 WNW	4.15"
0109000504	Frontal Block Island Sound	RI-WS-36	Charlestown 3.0 WSW	4.83"
01100001	Quinebaug			
0110000103	Fivemile River	CT-WN-4	East Killingly 1.3 SW	4.20"
0110000105	Moosup River	CT-WN-8	Moosup 1.7 NE	4.82"
0110000106	Pachaug River	CT-NL-21	Griswold 0.9 N	4.70"
01100002	Shetucket			
0110000201	Willimantic River	CT-TL-18	Hebron 5.3 NW	4.88"
0110000201	Willimantic River	CT-TL-28	South Coventry 1.2 NNW	4.72"
0110000201	Willimantic River	CT-TL-2	Staffordville 0.4 NNW	4.77"
0110000202	Natchaug River	CT-TL-27	Willington 2.7 SE	4.28"
0110000202	Natchaug River	CT-TL-30	Mansfield Center 2.7 NE	4.52"
0110000203	Shetucket River	CT-NL-10	Norwich 2.5 NNE	5.01"
01100003	Thames			
0110000302	Thames River-Frontal New London Harbor	CT-NL-5	Oakdale 2.6 WNW	5.55"
0110000302	Thames River-Frontal New London Harbor	CT-NL-6	New London 1.0 NNW	4.90"
0110000302	Thames River-Frontal New London Harbor	CT-NL-8	Uncasville-Oxoboxo Valley 1.6 ENE	5.29"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-38	Old Lyme 3.4 ESE	4.91"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-29	East Lyme 0.5 SW	5.05"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-32	Niantic 1.1 SW	4.62"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-22	Central Waterford 2.7 SSW	4.51"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-37	Mystic 1.6 W	4.60"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-19	Mystic 0.9 W	4.08"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-24	Stonington 1.4 NNW	4.23"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-18	Stonington 0.5 NNE	4.53"
01100004	Quinnipiac			
0110000401	Quinnipiac River	CT-NH-14	Prospect 1.9 ENE	5.06"
0110000401	Quinnipiac River	CT-HR-55	Southington 1.7 WNW	5.66"
0110000401	Quinnipiac River	CT-HR-23	Southington 0.9 SSE	5.30"
0110000401	Quinnipiac River	CT-NH-44	Wallingford Center 1.9 WNW	5.43"
0110000401	Quinnipiac River	CT-NH-43	Wallingford Center 3.3 NNW	4.71"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-NH-56	Guilford Center 2.7 WSW	6.15"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-NH-50	Madison Center 4.1 N	6.40"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-MD-21	Killingworth 2.6 ESE	5.42"

0110000402	Hammonasset River - Frontal Long Island Sound	CT-MD-27	Clinton 3.7 N	5.75"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-MD-11	Westbrook Center 1.5 NE	5.69"
0110000403	Mill River - Frontal Long Island Sound	CT-NH-16	Milford 1.8 E	5.91"
0110000403	Mill River - Frontal Long Island Sound	CT-NH-57	New Haven 2.9 NNW	6.69"
01100005	Housatonic			
0110000501	Headwaters Housatonic River	MA-BE-11	Great Barrington 3.0 N	4.13"
0110000501	Headwaters Housatonic River	MA-BE-3	Stockbridge .2 NNE	4.91"
0110000501	Headwaters Housatonic River	MA-BE-10	Pittsfield 2.0 NNW	4.49"
0110000501	Headwaters Housatonic River	MA-BE-20	Lee 3.7 SE	4.69"
0110000504	Macedonia Brook - Housatonic River	CT-LT-20	Warren 2.4 WNW	6.70"
0110000507	Shepaug River	CT-LT-29	Goshen 0.5 NW	4.89"
0110000508	Still River - Housatonic River	CT-FR-43	Bethel 0.5 E	5.35"
0110000508	Still River - Housatonic River	CT-FR-41	Bethel 3.5 NNE	6.55"
0110000508	Still River - Housatonic River	CT-FR-9	Brookfield 3.3 SSE	6.37"
0110000512	Outlet Naugatuck River	CT-LT-14	Watertown 0.5 S	4.97"
0110000512	Outlet Naugatuck River	CT-NH-47	Seymour 1.5 NE	5.82"
0110000512	Outlet Naugatuck River	CT-NH-45	Naugatuck 1.7 NNE	5.52"
0110000512	Outlet Naugatuck River	CT-NH-22	Prospect 0.5 SW	5.45"
0110000513	Housatonic River - Frontal Long Island Sound	CT-FR-42	Monroe 0.1 SE	5.88"
0110000513	Housatonic River - Frontal Long Island Sound	CT-FR-23	Shelton 1.3 W	5.82"
0110000513	Housatonic River - Frontal Long Island Sound	CT-FR-55	Shelton 2.7 SSE	6.16"
01100006	Saugatuck			
0110000601	Saugatuck River - Frontal Long Island Sound	CT-FR-58	Ridgefield 3.6 N	5.50"
0110000601	Saugatuck River - Frontal Long Island Sound	CT-FR-31	Newtown 4.6 SSW	5.53"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-29	Ridgefield 1.9 SSE	6.35"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-3	New Canaan 1.9 ENE	6.35"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-25	Norwalk 2.9 NNW	6.89"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-60	Fairfield 1.5 NE	4.95"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-32	Monroe 0.8 W	6.46"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-26	Stratford 0.9 W	5.42"
0110000604	Mianus River-Rippowam River	CT-FR-50	Darien 2.8 NW	6.83"
0110000604	Mianus River-Rippowam River	CT-FR-35	Darien 1.8 ENE	6.52"
02020003	Hudson-Hoosic			
0202000306	Upper Hoosic River	MA-BE-18	North Adams 3.0 WNW	3.63"
02020006	Middle Hudson			
0202000603	Wynants Kill - Hudson River	NY-AB-21	NWS Albany	3.95"
02030203	Long Island Sound			
0203020300	Long Island Sound	NY-SF-114	Fishers Island 0.5 NE	4.81"

Accumulated Precipitation (in)

May 01, 2019 to May 31, 2019



0.01 0.1 0.5 1 1.5 2 3 4 5 7.5 10 12.5 15

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

Midwestern Regional Climate Center

cli-MATE: MRCC Application Tools Environment

Generated at: 6/6/2019 8:29:09 PM CDT

“We do not live at the airport”

One of the more uniform single months. Small rains. No snow. No big downpours. But do compare your station’s total to one of these nearby stations, and remember this...

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

Location	Station ID	May 2019 Precip	May departure from normal	Mar-Apr-May Precip	3 month departure from normal	Dec-May Precip	6 month departure from normal	Jun-May Precip	12 month departure from normal
White Plains NY	HPN	6.94"	2.82"	14.53"	1.49"	27.92"	3.79"	63.36"	14.01"
Danbury CT	DXR	4.58"	0.14"	13.33"	0.55"	26.00"	2.99"	59.43"	9.56"
New Haven CT	HVN	5.65"	1.48"	14.26"	1.36"	26.11"	3.52"	55.11"	8.00"
Meriden CT	MMK	3.77"	-0.40"	14.05"	1.15"	29.57"	6.98"	62.13"	15.02"
Hartford CT	HFD	4.39"	0.50"	13.25"	1.91"	24.96"	4.47"	58.90"	15.30"
Willimantic CT	IJD	3.70"	-0.29"	13.05"	0.21"	24.83"	1.31"	55.73"	7.31"
New London CT	GON	4.48"	0.63"	13.85"	1.43"	26.78"	4.50"	47.86"	1.37"
Westerly RI	WST	4.11"	0.32"	14.65"	1.39"	28.78"	5.37"	56.81"	9.42"
Newport RI	UUU	3.83"	0.31"	12.20"	-0.39"	25.39"	2.26"	53.44"	7.11"
New Bedford MA	EWB	1.74"	-1.95"	7.67"	-5.40"	19.66"	-4.98"	47.29"	-1.07"
Hyannis MA	HYA	3.79"	0.29"	12.48"	-0.50"	24.46"	-0.35"	48.15"	0.46"
Nantucket MA	ACK	4.01"	0.59"	13.63"	2.22"	23.53"	1.99"	44.62"	0.20"
Marthas Vineyard MA	MVY	3.65"	0.34"	11.93"	0.20"	23.49"	1.35"	48.34"	3.18"
Taunton MA	TAN	3.10"	-0.49"	12.68"	-0.63"	25.03"	-0.14"	58.06"	8.32"
Plymouth MA	PYM	3.18"	-0.51"	12.30"	-1.28"	25.65"	0.39"	58.21"	9.06"
Norwood MA	OWD	4.47"	0.79"	13.46"	1.14"	23.95"	0.87"	53.22"	6.16"
Bedford MA	BED	2.42"	-1.43"	11.08"	-1.11"	20.30"	-2.05"	49.18"	3.47"
Beverly MA	BVY	3.26"	-0.54"	12.27"	-0.46"	22.06"	-0.67"	54.76"	8.58"
Lawrence MA	LWM	2.13"	-1.63"	7.55"	-4.15"	13.29"	-7.20"	39.90"	-3.26"
Fitchburg MA	FIT	3.12"	-0.94"	11.77"	-0.79"	21.78"	-0.85"	61.37"	14.23"
Orange MA	ORE	2.64"	-1.20"	11.04"	0.40"	21.81"	2.59"	59.86"	17.31"
Westfield MA	BAF	3.65"	-0.79"	12.53"	-0.38"	24.59"	2.16"	63.91"	15.52"
North Adams MA	AQW	3.17"	-0.94"	7.50"	-3.99"	15.54"	-4.56"	44.81"	-1.80"

Rulers of the Snow

A listing of all observers that reported precip, snow fall, and snow depth for all 31 daily reports this month. 59 stations and growing. Make a snow fall and snow depth measurement, if you can safely do so, ***all year round***.

Station	Name	May 2019 Snowfall	Station	Name	May 2019 Snowfall
MA-BE-4	Becket 5.6 SSW	0.0"	CT-NL-32	Niantic 1.1 SW	0.0"
MA-BE-18	North Adams 3.0 WNW	0.0"	CT-NL-19	Mystic 0.9 W	0.0"
CT-LT-15	Colebrook 1.0 NE	0.0"	RI-PR-28	North Smithfield 0.7 SE	0.0"
CT-LT-9	New Hartford Center 3.2 SW	0.0"	RI-PR-45	Manville 0.4 WSW	0.0"
CT-FR-9	Brookfield 3.3 SSE	0.0"	RI-PR-51	North Smithfield 0.6 S	0.0"
CT-FR-23	Shelton 1.3 W	0.0"	RI-WS-46	Westerly 3.4 E	0.0"
CT-FR-3	New Canaan 1.9 ENE	0.0"	RI-WS-42	Richmond 4.6 NNE	0.0"
CT-FR-25	Norwalk 2.9 NNW	0.0"	RI-WS-37	Kingston 2.4 SW	0.0"
CT-NH-43	Wallingford Center 3.3 NNW	0.0"	RI-WS-47	Westerly 0.8 WNW	0.0"
CT-NH-45	Naugatuck 1.7 NNE	0.0"	RI-NW-7	Little Compton 0.6 E	0.0"
MA-FR-31	Colrain 3.7 WNW	0.0"	MA-BR-30	Taunton 3.9 N	0.0"
MA-FR-17	Buckland 1.8 ESE	0.0"	MA-BR-55	NWS Boston/Norton 2.5 ESE	0.0"
MA-FR-13	Conway 2.9 NW	0.0"	MA-MD-12	Acton 1.3 SW	0.0"
MA-FR-10	Conway 0.9 SW	0.0"	MA-MD-51	Maynard 0.7 ESE	0.0"
MA-HD-25	Ludlow 2.3 SW	0.0"	MA-MD-104	Littleton 2.8 NNW	0.0"
CT-HR-11	West Hartford 2.7 SSE	0.0"	MA-MD-125	Tewksbury 3.6 SSE	0.0"
CT-HR-22	East Hartford 1.3 E	0.0"	MA-MD-7	Winchester 0.7 SE	0.0"
CT-HR-8	North Granby 1.3 ENE	0.0"	MA-MD-44	Medford 1.2 W	0.0"
CT-TL-18	Hebron 5.3 NW	0.0"	MA-MD-119	Watertown 1.1 W	0.0"
CT-TL-2	Staffordville 0.4 NNW	0.0"	MA-ES-48	Andover 0.6 E	0.0"
CT-TL-27	Willington 2.7 SE	0.0"	MA-ES-4	Groveland 0.5 WSW	0.0"
CT-MD-23	Higganum 0.7 N	0.0"	MA-ES-12	Boxford 2.4 S	0.0"
CT-MD-21	Killingworth 2.6 ESE	0.0"	MA-ES-41	Danvers 0.8 ESE	0.0"
MA-WR-44	Westminster 0.6 WSW	0.0"	MA-NF-11	Millis 2.0 SW	0.0"
MA-WR-42	Northborough 2.3 N	0.0"	MA-NF-1	Norwood 1.3 NW	0.0"
MA-WR-54	Barre 1.4 NNE	0.0"	MA-BA-50	Falmouth 5.4 NNE	0.0"
CT-WN-8	Moosup 1.7 NE	0.0"	MA-BA-47	Mashpee 2.4 WSW	0.0"
CT-NL-10	Norwich 2.5 NNE	0.0"	MA-BA-76	Barnstable 0.7 NE	0.0"
CT-NL-6	New London 1.0 NNW	0.0"	MA-BA-72	Yarmouth 2.0 S	0.0"
CT-NL-29	East Lyme 0.5 SW	0.0"			

May 2019 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. Easy to see our rainy days, and the rainy start to May.

Our average was a single month record, yet again, of 331 Daily Reports per day.

May 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 340	2 338	3 327	4 334
5 326	6 330	7 334	8 345	9 324	10 328	11 331
12 321	13 326	14 347	15 344	16 342	17 333	18 319
19 312	20 327	21 325	22 323	23 321	24 341	25 315
26 330	27 320	28 320	29 354	30 352	31 342	

From the Drought Monitor.

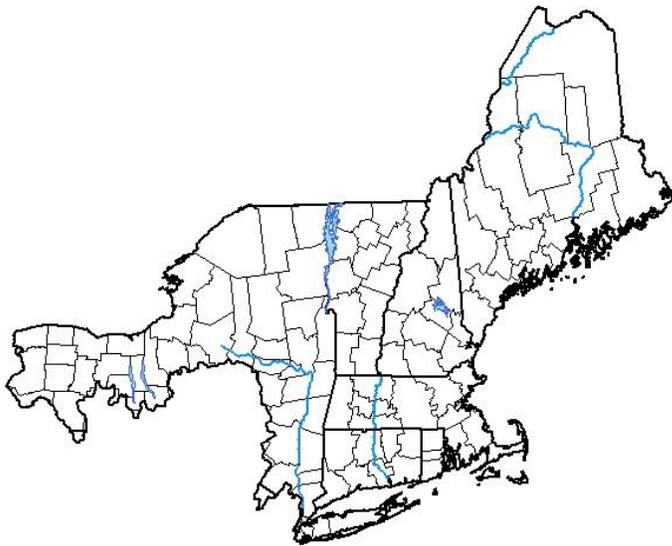
Every drop counts and zeros do too!

U.S. Drought Monitor Northeast RFC

June 4, 2019

(Released Thursday, Jun. 6, 2019)

Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
Current	100.00	0.00	0.00	0.00	0.00	0.00
Last Week <small>05-28-2019</small>	100.00	0.00	0.00	0.00	0.00	0.00
3 Months Ago <small>03-05-2019</small>	100.00	0.00	0.00	0.00	0.00	0.00
Start of Calendar Year <small>01-01-2019</small>	94.65	5.35	0.00	0.00	0.00	0.00
Start of Water Year <small>09-25-2018</small>	58.29	31.22	8.70	1.78	0.00	0.00
One Year Ago <small>06-05-2018</small>	86.69	13.31	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. See accompanying text summary for forecast statements.

Author:

David Simeral
Western Regional Climate Center



droughtmonitor.unl.edu

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

Happy Anniversary, Connecticut!



July 1, 2009. Connecticut is admitted to CoCoRaHS, the 45th state to join the network.

Connecticut CoCoRaHS

Comments by Matt Spies – Connecticut State Coordinator

It starts with something small. A small gauge. A small measurement. A small number of observers. All in a small state.

Add in a few more dimensions. Snow fall. Snow depth. Water equivalent of snow. Comments. Significant Weather. Condition Monitoring. Hail.

Multiply it all by 20 observers, 40 observers, 80 observers, 120 observers. And then multiply it all by a month, or from when we started, 10 years.

And the something that started off small, turns large. The impact is far reaching. The dots on the map fill in. What starts as a measurement of precipitation turns into a definition of the climate, an understanding of the variability of precipitation, a way of monitoring our water resources, a real time alert of significant weather or of hailstones.

CoCoRaHS is Citizen Science at its finest, performed by volunteers of all ages and backgrounds, all throughout the year, through good weather and bad. From many, comes a mosaic of contributions, each day.

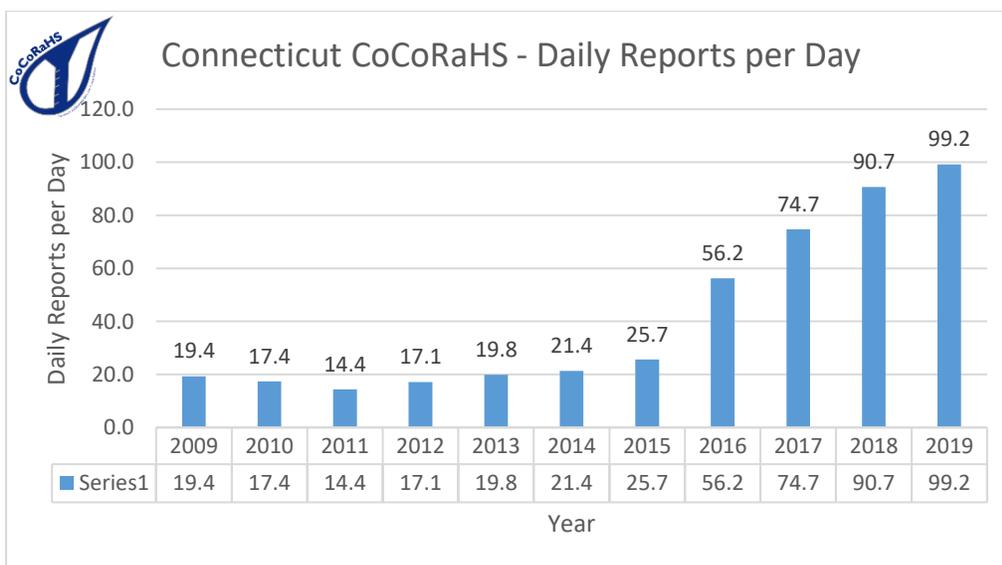
Whether you joined 10 days ago or when we started 10 years ago, thank you for being a part of our network, thank you for showing so many what our network can do and does every day. Low cost gauges and rulers have high value impacts. We monitor, measure and define a critically important resource: water.

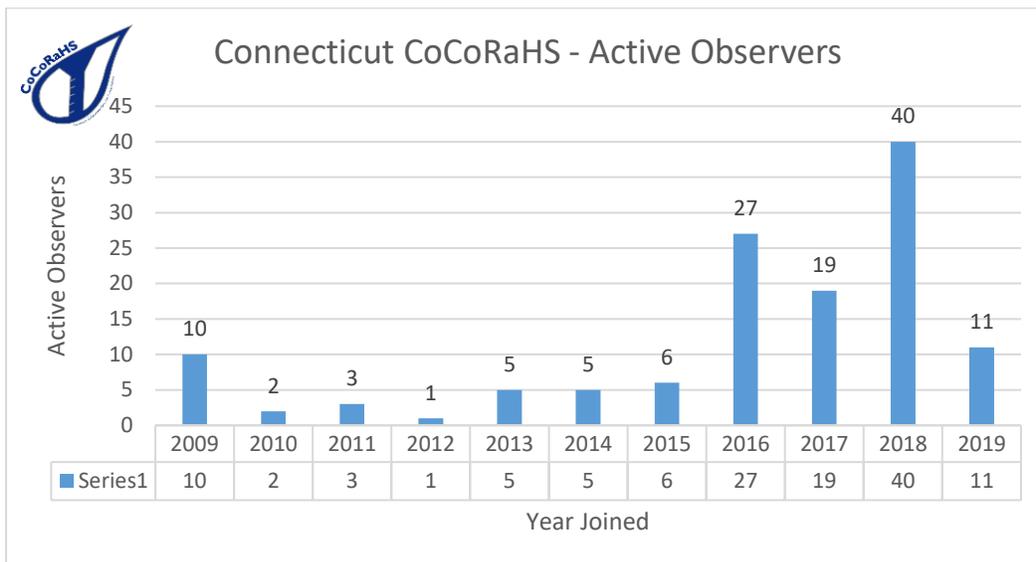
In the State of Connecticut, don't miss any days, don't miss many days, and your station's totals become part of this report that finds its way to even more places, including the state government.

Connecticut Precipitation
National Weather Service Offices
Boston/Norton MA, Albany NY, Upton NY
 Preliminary Precipitation Data (inches) by County
 Precipitation Data Through April 2019
Includes CoCoRaHS data

CT 1 Month April 2019	Rainfall	Departure	Percent	Normal
Litchfield	7.57	3.37	180	4.20
Hartford	8.02	3.71	186	4.31
Tolland	8.58	3.97	186	4.61
Windham	8.07	3.48	176	4.59
Fairfield	6.63	2.19	149	4.44
New Haven	7.64	3.27	175	4.37
Middlesex	7.62	3.20	172	4.42
New London	7.29	2.73	160	4.56

... and this table goes on and on with 2 months, 3 months, 6 months, 12 months, 24 months, 36 months.





Wrap up

Be a hero. Report your zeros. Be strong with your reporting when the rain does not come. Notice the change as we have come into June? The change shows in the reporting, so please submit your zeros, along with your precip reports, and strive not to miss any days.

Hurricane Season began on June 1. Inland flooding. Damaging winds. Long term power outages. Coastal flooding. Now is a good time to get into the habit of staying informed and to have a plan in place should a storm come our way this season.

Monday June 17th will mark the 21th year since CoCoRaHS started. This was typed before Nolan's newsletter came out, but Nolan's reminder is well noted.

Summer begins with the summer solstice and that occurs this year on June 21st at 11:54am EDT. Soak up the sunshine, the early sunrises and the late sunsets before we start to lose daylight in July.

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