

Summer 2025 Southern New England CoCoRaHS News



Welcome to meteorological summer which includes the months of June, July, and August. Our quarterly Newsletter features the “Grand List”, State Anniversaries, the heavy rainfall event from May 22-23, Spring Stats, and Reporting Reminders.

Please don't hesitate to contact me by email (jdellica@gmail.com is best) if you have any questions about reporting!

-Joe Dellicarpini, SNE CoCoRaHS Coordinator

Thank You!

Spring brought with it some snow to start followed by rainfall that helped to ease the deficits that we experienced last fall. Your observations, both rain and snow, were especially helpful to the NWS Northeast River Forecast Center to help with spring flood assessment and their daily forecasts. They incorporate CoCoRaHS observations into their river modeling system to help with analysis of past rainfall, snowfall, snow depth, and snow water equivalent. The use of CoCoRaHS data significantly increases the quality of their forecasts. Additionally, CoCoRaHS reports are heavily utilized for monthly precipitation summaries from NWS Boston for the states of Connecticut, Massachusetts, and Rhode Island. These summaries are used to help with assessment of drought conditions and were key to help them show overall improvement this spring. **Thank you** for all of your efforts in providing accurate reports!

Welcome!

A special welcome to the observers who joined our network recently. We're glad to have you aboard. Whether you report every day or once in a while, that's OK. Report as often as you like. Here are the new observers who joined since March 1:

Connecticut:

- CT-FR-113 Sherman 1.2 E
- CT-HR-151 Wethersfield 1.3 NNW
- CT-HR-150 West Simsbury 1.3 SW
- CT-HR-149 Berlin 1.1 SE
- CT-MD-43 Westbrook 1.4 ESE
- CT-NL-78 Griswold 2.7 SE
- CT-WN-31 Willimantic 1.3 SSE

Massachusetts

- MA-BA-110 Dennis 2.9 E
- MA-BA-111 Bourne 0.6 ESE
- MA-BA-112 North Falmouth 1.0 NE
- MA-BR-89 North Attleboro 0.6 N
- MA-BR-90 Swansea 2.2 WSW
- MA-BR-91 Westport 4.8 SSE
- MA-BR-92 Fall River 3.4 SW

- MA-BR-93 Somerset 3.5 NNE
- MA-BR-94 New Bedford 2.0 S
- MA-BR-95 North Easton 0.6 S
- MA-DK-27 West Tisbury 0.7 NNE
- MA-ES-105 Methuen 1.4 NE
- MA-HD-66 Springfield 1.0 SE
- MA-HD-67 Holland 1.0 SSW
- MA-HD-68 Monson 3.4 SSE
- MA-HD-69 Hampden 2.0 NW
- MA-HS-63 Northampton 2.0 E
- MA-HS-64 Southampton 2.0 S
- MA-MD-250 Melrose 1.0 WNW
- MA-MD-251 Chelmsford 2.8 SSW
- MA-MD-252 Hopkinton 1.6 E
- MA-MD-253 Melrose 1.1 NNW
- MA-MD-254 Littleton 1.3 SW
- MA-NF-97 Cohasset 0.7 WNW
- MA-PL-79 Plymouth 4.5 SSE
- MA-PL-80 Marshfield 2.4 SSE
- MA-PL-81 Brockton 1.6 NNE
- MA-WR-142 Dudley 0.4 N
- MA-WR-143 Gilbertville 1.4 ENE

Rhode Island

- RI-KN-84 West Warwick 0.7 SSE
- RI-KN-85 Coventry 1.0 NW
- RI-NW-43 Newport East 1.4 SE
- RI-PR-155 Providence 2.3 NW

The “Grand List”

We always like to recognize your reporting milestones. Here are the latest Daily Observation tallies as of June 1, 2025. Note they are mainly listed by totals in each category:.

6,000+ Daily Reports

RI-NW-4	Middletown 1.1 SW
RI-KN-2	East Greenwich 2.3 ESE

5,000+ Daily Reports

CT-FR-9	Brookfield 3.3 SSE
CT-TL-2	Staffordville 0.4 NNW
CT-HR-6	Wethersfield 1.2 WSW
CT-WN-4	East Killingly 1.3 SW
CT-HR-5	Enfield 1.5 SE
CT-HR-8	North Granby 1.3 ENE

MA-NF-1	Norwood 1.3 NW
MA-BR-3	Norton 1.8 NNE
MA-BA-3	Falmouth 3.0 E
MA-BR-8	Dighton 1.1 WSW
MA-ES-4	Groveland 0.5 WSW
MA-PL-5	Kingston 3.3 WNW
MA-BA-1	Yarmouth 2.3 SSE
MA-BR-2	Rehoboth 2.1 N
MA-MD-7	Winchester 0.7 SE
MA-MD-12	Acton 1.3 SW
MA-BA-18	Waquoit 0.6 SSW
MA-MD-11	Cambridge 0.9 NNW
MA-ES-12	Boxford 2.4 S

4,000+ Daily Reports

CT-NL-5	Oakdale 2.6 WNW
CT-NH-14	Prospect 1.9 ENE
CT-LT-9	New Hartford Center 3.2 SW

CT-HR-15	Southington 3.0 E
CT-FR-20	Westport 2.5 ENE
CT-FR-23	Shelton 1.3 W
MA-BA-13	Falmouth 0.6 NNW
MA-BA-17	East Falmouth 1.2 WNW
MA-BA-12	Orleans 1.1 E
MA-BA-19	East Falmouth 0.7 NW
MA-BA-2	Falmouth 3.1 NNW
MA-BA-11	East Falmouth 1.4 ESE
MA-HS-2	Westhampton 1.8 SW
MA-WR-118	Sturbridge 4.6 SW
MA-BR-14	Dartmouth 2.5 SSW
MA-BA-27	Wellfleet 0.7 NW
MA-BA-10	East Sandwich 2.3 SE
MA-DK-2	Vineyard Haven 0.8 WSW
MA-WR-8	Fitchburg 1.6 SSW
MA-FR-10	Conway 0.9 SW
MA-BR-16	Somerset 0.4 SSE
RI-NW-7	Little Compton 0.6 E
NH-CH-20	Rindge 3.2 ESE

3,000+ Daily Reports

CT-HR-22	East Hartford 1.3 E
CT-WN-8	Moosup 1.7 NE
CT-WN-2	North Grosvenor Dale 1.7 SSE
CT-FR-25	Norwalk 2.9 NNW
CT-FR-3	New Canaan 1.9 ENE
CT-NH-22	Prospect 0.5 SW
CT-HR-28	North Canton 0.8 SSW
CT-NL-22	Central Waterford 2.7 SSW
CT-NL-21	Griswold 0.9 N
CT-NL-6	New London 1.0 NNW
CT-TL-15	Central Somers 0.3 N
CT-TL-18	Hebron 5.3 NW
CT-FR-41	Bethel 3.5 NNE

CT-NL-10	Norwich 2.5 NNE
CT-FR-43	Bethel 0.5 E
CT-NL-24	Stonington 1.4 NNW
CT-MD-2	Portland 0.9 S
CT-HR-23	Southington 0.9 SSE
CT-FR-46	Stratford 0.2 ESE

MA-NF-11	Millis 2.0 SW
MA-BE-4	Becket 5.6 SSW
MA-WR-28	Berlin 1.3 WSW
MA-MD-25	Ayer 0.1 SW
MA-PL-2	Sagamore Beach 1.0 NW
MA-BE-11	Great Barrington 3.0 N
MA-MD-44	Medford 1.2 W
MA-MD-42	Holliston 0.8 S
MA-HD-13	Springfield 4.1 W
MA-HS-8	Williamsburg 1.2 WSW
MA-PL-15	Abington 1.2 NNE
MA-SF-10	Chelsea 0.8 N
MA-MD-51	Maynard 0.7 ESE
MA-ES-20	Haverhill 0.7 N
MA-BA-7	Wellfleet 3.0 E
MA-FR-12	Sunderland 1.3 SE
MA-MD-52	Lexington 0.6 SW
MA-MD-47	West Townsend 0.5 W
MA-FR-8	New Salem 3.1 S
MA-HS-7	Plainfield 2.2 SW
MA-BA-47	Mashpee 2.4 WSW
MA-BA-45	Sandwich 0.9 NNE
MA-FR-17	Buckland 1.8 ESE
MA-WR-43	Leicester 2.4 ESE
MA-FR-13	Conway 2.9 NW
MA-BA-51	Orleans 3.0 S
MA-WR-30	Shrewsbury 1.6 NNE
MA-WR-41	Auburn 2.6 SW
MA-WR-44	Westminster 0.6 WSW
MA-BR-30	Taunton 3.9 N
MA-MD-53	Acton 4.0 ENE
MA-BA-52	Truro 0.8 E

MA-BA-50 Falmouth 5.4 NNE
MA-MD-36 Townsend 2.6 S
MA-WR-40 Gardner 1.4 SSW
MA-NF-19 Foxborough 1.8 SSW
MA-PL-23 Pembroke 2.8 SW
MA-ES-24 Newburyport 0.8 SW
MA-WR-54 Barre 1.4 NNE

RI-PR-33 Greenville 0.7 NNW
RI-PR-51 North Smithfield 0.6 S
RI-WS-36 Charlestown 3.0 WSW
RI-PR-28 North Smithfield 0.7 SE
RI-PR-50 Harrisville 1.2 SSE

2,000+ Daily Reports

CT-NL-19 Mystic 0.9 W
CT-LT-20 Warren 2.4 WNW
CT-FR-32 Monroe 0.8 W
CT-NL-18 Stonington 0.5 NNE
CT-NH-44 Wallingford Center 1.9 WNW
CT-NH-43 Wallingford Center 3.3 NNW
CT-LT-18 New Hartford Center 1.5 N
CT-WN-10 South Windham 1.3 NNE
CT-NL-29 East Lyme 0.5 SW
CT-NH-42 Wallingford Center 1.1 N
CT-WN-12 Eastford 2.0 W
CT-HR-68 Rocky Hill 1.3 E
CT-HR-65 Newington 1.9 SSW
CT-MD-23 Higganum 0.7 N
CT-NL-38 Old Lyme 3.4 ESE
CT-MD-21 Killingworth 2.6 ESE
CT-LT-22 New Milford 5.3 SSW
CT-HR-57 Suffield Depot 3.3 NNE
CT-MD-18 Essex Village 0.9 S
CT-NL-32 Niantic 1.1 SW
CT-TL-27 Willington 2.7 SE
CT-FR-26 Stratford 0.9 W
CT-NL-40 Pawcatuck 1.8 SSE

CT-MD-25	Middlefield 0.6 SE
CT-TL-26	Broad Brook 2.6 ESE
CT-LT-28	Canaan 4.2 ESE
CT-FR-59	New Canaan 3.8 N
CT-MD-26	Higganum 0.8 NE
CT-HR-55	Southington 1.7 WNW
CT-WN-6	Dayville 2.0 ENE
CT-NL-37	Mystic 1.6 W
CT-FR-60	Fairfield 1.5 NE
CT-HR-82	Suffield 0.5 NNE
CT-TL-30	Mansfield Center 2.7 NE
CT-FR-57	Trumbull 0.9 W
CT-HR-83	Plainville 1.7 SW
CT-HR-70	Canton 1.5 W
CT-HR-39	Farmington 1.6 SW
CT-FR-29	Ridgefield 1.9 SSE
CT-MD-24	Durham 1.2 W
MA-MD-85	Wilmington 2.2 WNW
MA-PL-31	Bridgewater 1.8 SE
MA-WR-56	Sterling 4.3 NW
MA-ES-41	Danvers 0.8 ESE
MA-BA-59	Barnstable 3.6 W
MA-BR-23	Attleboro 0.9 ENE
MA-PL-17	Plympton 0.9 NNE
MA-MD-62	Chelmsford 1.2 E
MA-NF-26	Bellingham 2.4 S
MA-MD-89	Sudbury 3.6 W
MA-PL-36	Hingham 0.8 ESE
MA-BA-42	Orleans 1.8 S
MA-BA-43	Chatham 0.4 WSW
MA-BA-57	Falmouth 5.7 N
MA-MD-105	Littleton 0.9 WSW
MA-NF-31	Stoughton 1.2 E
MA-HS-12	Northampton 0.4 S
MA-NF-32	Quincy 1.8 WSW
MA-PL-22	East Bridgewater 0.3 WSW
MA-BR-52	New Bedford 4.3 N
MA-MD-18	Belmont 0.2 ESE

MA-MD-119	Watertown 1.1 W
MA-ES-48	Andover 0.6 E
MA-BR-55	NWS Boston/Norton 2.5 ESE
MA-MD-104	Littleton 2.8 NNW
MA-MD-115	Hudson 1.4 NW
MA-BA-72	Yarmouth 2.0 S
MA-MD-125	Tewksbury 3.6 SSE
MA-MD-126	Melrose 0.5 NE
MA-HD-20	Wilbraham 3.7 SSW
MA-BA-78	Mashpee 4.6 S
MA-BE-2	Great Barrington 0.4 N
MA-WR-25	Holden 2.0 ESE
MA-BA-76	Barnstable 0.7 NE
MA-BA-77	South Dennis 1.0 NW
MA-WR-55	Harvard 2.1 S
MA-HS-26	Easthampton 0.5 SW
MA-WR-18	Northborough 0.6 SSE
MA-WR-58	Lunenburg 0.6 NE
MA-MD-120	Natick 1.9 NNE
MA-BR-37	Westport 0.9 ESE
MA-WR-69	Northbridge 1.7 WNW
MA-PL-48	Marshfield 1.5 NNW
MA-MD-55	Holliston 0.7 W
MA-MD-123	Lexington 1.3 SE
MA-BR-58	Dighton 3.3 NNW
MA-ES-58	Middleton 1.4 SSW
MA-FR-31	Colrain 3.7 WNW
MA-BA-65	Chatham 0.2 SSE
MA-MD-107	Framingham 1.7 E
MA-HD-26	Brimfield 3.6 NW
MA-BA-80	Brewster 1.4 W
MA-WR-75	Warren 2.4 WSW
MA-ES-45	Nahant 0.4 N
MA-HD-28	Westfield 2.8 SE
MA-NT-1	Nantucket 3.8 WNW
MA-BA-64	Sandwich 1.5 SSE
MA-ES-25	Gloucester 4.3 N
MA-ES-56	Newburyport 1.0 ESE
MA-HS-21	Northampton 0.6 ESE

MA-BA-79 Mashpee 0.8 SSW
MA-BR-61 Mansfield 2.4 ENE
MA-BE-21 Cheshire 0.5 NNW
MA-HD-29 West Springfield 1.6 SSW
MA-DK-9 West Tisbury 0.4 S
MA-MD-158 Sherborn 1.1 NW
MA-NF-54 Quincy 1.2 W

RI-WS-31 Kingston 7.5 NNE
RI-NW-16 Portsmouth 1.3 S
RI-WS-37 Kingston 2.4 SW
RI-BR-5 Barrington 1.3 WNW
RI-WS-42 Richmond 4.6 NNE
RI-NW-20 Tiverton 1.0 SSW
RI-NW-18 Jamestown 0.3 SSE
RI-WS-47 Westerly 0.8 WNW
RI-PR-55 Cumberland Hill 3.6 NNE
RI-PR-44 Cranston 4.2 ENE
RI-KN-21 Coventry 1.9 NE
RI-NW-17 Tiverton 4.4 SSE
RI-PR-57 Cranston 1.2 SSE
RI-PR-59 Cumberland Hill 0.9 NW
RI-WS-30 Westerly 2.4 NNW
RI-WS-54 North Kingstown 2.7 WSW
RI-WS-45 Charlestown 4.7 NNE
RI-PR-67 Providence 1.6 NE
RI-KN-23 Warwick 3.2 NNE

NY-SF-114 Fishers Island 0.5 NE

1,000+ Daily Reports

CT-LT-34 Woodbury Center 1.5 SSW
CT-NL-44 Old Lyme 0.5 W
CT-FR-58 Ridgefield 3.6 N
CT-NH-56 Guilford Center 2.7 WSW
CT-HR-100 Manchester 0.4 ENE
CT-LT-37 New Milford 3.1 WNW

CT-TL-35	Somersville 0.2 ENE
CT-LT-7	Litchfield 2.3 NNE
CT-NL-46	Mystic 3.4 NW
CT-HR-11	West Hartford 2.7 SSE
CT-TL-41	Somers 0.3 S
CT-HR-49	West Hartford 1.1 W
CT-TL-40	Coventry 0.3 NNE
CT-NH-75	Meriden 2.8 WSW
CT-HR-88	Suffield Depot 6.0 WNW
CT-LT-43	Winsted 3.8 ESE
CT-NH-67	Waterbury 1.3 WNW
CT-NL-50	Norwich 5.4 SE
CT-FR-83	Darien 2.4 NW
CT-NL-8	Uncasville-Oxoboxo Valley 1.6 ENE
CT-FR-66	Norwalk 1.4 ENE
CT-FR-64	Bethel 4.5 SSE
CT-FR-65	Newtown 4.6 SE
CT-NH-72	Northford 0.8 SW
CT-NL-52	Pawcatuck 0.8 SE
CT-NL-63	Old Lyme 1.7 NNE
CT-HR-102	Windsor Locks 3.2 SW
CT-LT-5	Winsted 2.6 NNW
CT-TL-49	Somers 1.2 NE
CT-NL-57	Jewett City 3.0 ESE
CT-WN-26	Danielson 3.2 ESE
CT-NL-56	Norwich 5.2 SE
CT-NL-60	Waterford 1.1 E
CT-NH-77	Southbury 2.3 W
CT-NL-45	Groton 2.9 E
CT-TL-50	Vernon 1.6 N
CT-MD-30	Chester Center 2.7 WNW
CT-NL-62	Salem 3.6 SE
CT-HR-106	Southwood Acres 0.3 WSW
CT-NL-70	Colchester 0.6 ENE
CT-HR-31	Bristol 2.7 WNW
CT-LT-46	Watertown 3.4 N
CT-HR-124	Windsor 1.4 SSW
CT-WN-25	Sterling 2.6 N
CT-LT-51	South Kent 0.1 SE

CT-FR-5 Darien 3.6 N
CT-HR-115 West Hartford 1.6 SE
CT-HR-116 Manchester 2.2 NE
CT-HR-35 Weatogue 0.7 E

MA-ES-22 Rockport 1.0 E
MA-ES-19 West Newbury 1.8 SSE
MA-BA-69 Eastham 0.9 SW
MA-FR-21 Millers Falls 0.2 SW
MA-HD-30 Hampden 2.0 NW
MA-ES-61 Amesbury 2.6 WSW
MA-WR-81 Worcester 1.6 SE
MA-MD-160 Reading 1.2 N
MA-ES-66 North Andover 0.3 NW
MA-NF-50 Millis 1.4 ENE
MA-MD-4 Townsend 3.2 NW
MA-MD-134 Somerville 0.5 SSE
MA-BA-60 Hyannis 0.7 WNW
MA-HD-33 Agawam 1.1 SSW
MA-WR-88 Leicester 2.5 WSW
MA-NF-62 Franklin 1.4 SW
MA-PL-57 Hanson 1.8 N
MA-BA-83 Mashpee 2.5 W
MA-DK-21 Chilmark 0.9 E
MA-DK-18 Oak Bluffs 0.1 SW
MA-ES-71 Danvers 2.5 NNE
MA-ES-55 Groveland 0.8 S
MA-MD-178 Framingham 2.0 NNE
MA-FR-36 Montague 3.4 NNW
MA-BE-20 Lee 3.7 SE
MA-WR-90 Upton 0.4 NE
MA-MD-71 Newton 2.2 NNW
MA-NF-63 Norfolk 1.1 W
MA-FR-35 Bernardston 1.0 SW
MA-PL-60 Abington 1.7 ESE
MA-NF-39 Weymouth 2.3 N
MA-HS-45 Westhampton 0.4 WNW
MA-BA-87 Falmouth 1.5 NNW
MA-HS-48 Easthampton 1.0 E

MA-BE-24	Hancock 3.6 NNE
MA-FR-22	Ashfield 1.4 NE
MA-ES-64	Newburyport 0.4 NNW
MA-ES-77	Groveland 1.2 NE
MA-DK-22	Edgartown 1.3 WNW
MA-WR-100	Douglas 1.9 NNE
MA-WR-89	Holden 0.9 SSE
MA-NF-73	Foxborough 3.1 E
MA-PL-55	Carver 2.3 E
MA-MD-168	Pepperell 0.6 SE
MA-WR-98	Worcester 2.2 NW
MA-BR-72	Somerset 2.3 NNE
MA-HD-36	West Springfield 0.3 E
MA-MD-192	Ayer 0.4 SSE
MA-FR-38	Shutesbury 2.9 SW
MA-MD-186	Watertown 1.1 NW
MA-PL-63	Wareham 5.6 NE
MA-PL-61	Middleborough 3.5 SSE
MA-NT-9	Nantucket 5.9 ESE
MA-FR-46	Conway 1.2 E
MA-NF-68	Quincy 1.5 SSE
MA-FR-41	Conway 3.4 WSW
MA-NF-65	Milton 1.3 N
MA-SF-31	Boston 6.5 SW
MA-HD-22	Holyoke 1.0 ENE
MA-BA-92	Mashpee 3.2 WSW
MA-ES-84	Beverly 0.5 SW
MA-ES-76	Nahant 0.7 N
MA-WR-106	Athol 2.8 NNE
MA-ES-54	Gloucester 2.1 NW
MA-NF-67	Bellingham 3.6 SSW
MA-NF-75	Braintree 1.5 SE
MA-HD-46	Westfield 3.2 SE
MA-MD-189	Pepperell 2.2 SSW
MA-BR-62	Westport 6.6 SSE
MA-HD-44	Westfield 2.2 N
MA-HD-49	West Springfield 1.8 WSW
MA-MD-182	Lexington 2.1 ESE
MA-HS-47	Granby 0.5 WSW

MA-WR-113 Worcester 2.0 SE
MA-MD-205 Framingham 1.6 ENE
MA-HS-55 Florence 1.9 SW
MA-HD-55 Westfield 0.6 SE
MA-ES-86 West Newbury 1.1 ESE
MA-MD-169 Pepperell 2.1 SSW
MA-BA-46 East Falmouth 0.2 ESE
MA-PL-66 Marion 1.3 N
MA-WR-99 Holden 0.9 W
MA-ES-90 Haverhill 0.8 SW
MA-WR-63 Rutland 3.1 SW

RI-WS-55 Wakefield 0.8 ENE
RI-WS-52 Wakefield-Peacedale 3.1 NE
RI-WS-51 Richmond 2.4 SSE
RI-KN-15 Warwick 4.3 SSW
RI-NW-28 Portsmouth 3.7 NNE
RI-PR-89 Woonsocket 1.8 WNW
RI-NW-27 Newport 1.3 SW
RI-PR-82 Providence 1.6 NNW
RI-KN-14 Greene 1.4 E
RI-BR-11 Bristol 2.0 NNW
RI-PR-84 Providence 2.7 NNE
RI-KN-31 Warwick 0.8 ENE
RI-WS-58 Kingston 0.3 SW
RI-WS-65 Wakefield-Peacedale 0.9 W
RI-KN-30 East Greenwich 2.0 NE
RI-NW-32 Portsmouth 5.2 SSE
RI-KN-36 Coventry 2.5 NW
RI-KN-38 Warwick 3.9 NNE
RI-PR-104 Providence 2.1 NE
RI-WS-69 Exeter 3.9 S
RI-WS-81 Wakefield-Peacedale 0.4 SW
RI-WS-40 Exeter 1.0 NE
RI-NW-23 Tiverton 3.6 S
RI-PR-106 Valley Falls 1.1 W
RI-PR-108 East Providence 0.8 SSW
RI-WS-66 Narragansett 2.9 N
RI-PR-112 Cranston 1.7 NNE

RI-NW-30	Jamestown 0.7 NNE
RI-WS-80	South Kingston 4.3 WSW
RI-WS-70	Wakefield-Peacedale 1.7 NNE
RI-PR-119	Pawtucket 2.6 SSE
RI-KN-37	Warwick 2.3 NNE
RI-KN-45	East Greenwich 2.8 NE
RI-KN-51	Coventry 3.7 W
RI-WS-14	Kingston 5.5 W
RI-WS-83	Wakefield-Peacedale 0.4 NNW
RI-NW-31	Newport 1.0 NE
RI-KN-59	Coventry 1.2 SW
RI-PR-77	Riverside 0.8 SE
RI-PR-71	Cranston 1.3 N
RI-PR-121	Greenville 6.7 WSW
RI-PR-81	Foster 4.8 SSE
RI-WS-77	Kingston 0.7 WSW
RI-PR-130	Greenville 2.6 WSW
RI-KN-62	Warwick 1.4 NE
RI-KN-65	Warwick 3.8 NNE
RI-KN-68	West Warwick 3.3 SSW
RI-WS-99	Hope Valley 1.1 NW
RI-WS-61	North Kingstown 0.5 NNW
RI-WS-92	Westerly 3.5 S

Happy Anniversary SNE CoCoRaHS!

Did you know that Southern New England CoCoRaHS was first established in Rhode Island on April 1, 2008? Back in 2007, Henry Reges, National Coordinator of CoCoRaHS (who himself has roots in southern New England) approached me about having Connecticut, Massachusetts, and Rhode Island join the expanding CoCoRaHS network in the eastern U.S.

We decided to focus on Rhode Island first, since as a relatively small state it would be a good “test case” for the rest of the region. Fortunately we have a long-standing partnership with the Rhode Island Water Resources Board and state Emergency Management Office, so they were a natural fit as partners with our office for CoCoRaHS. We were able to spread the word around the state that we were looking for

volunteers to join CoCoRaHS, and were fortunate to have over two dozen observers sign up in the first couple of months. The program expanded from there, and as of today there are **115** active CoCoRaHS observers in the Ocean State!

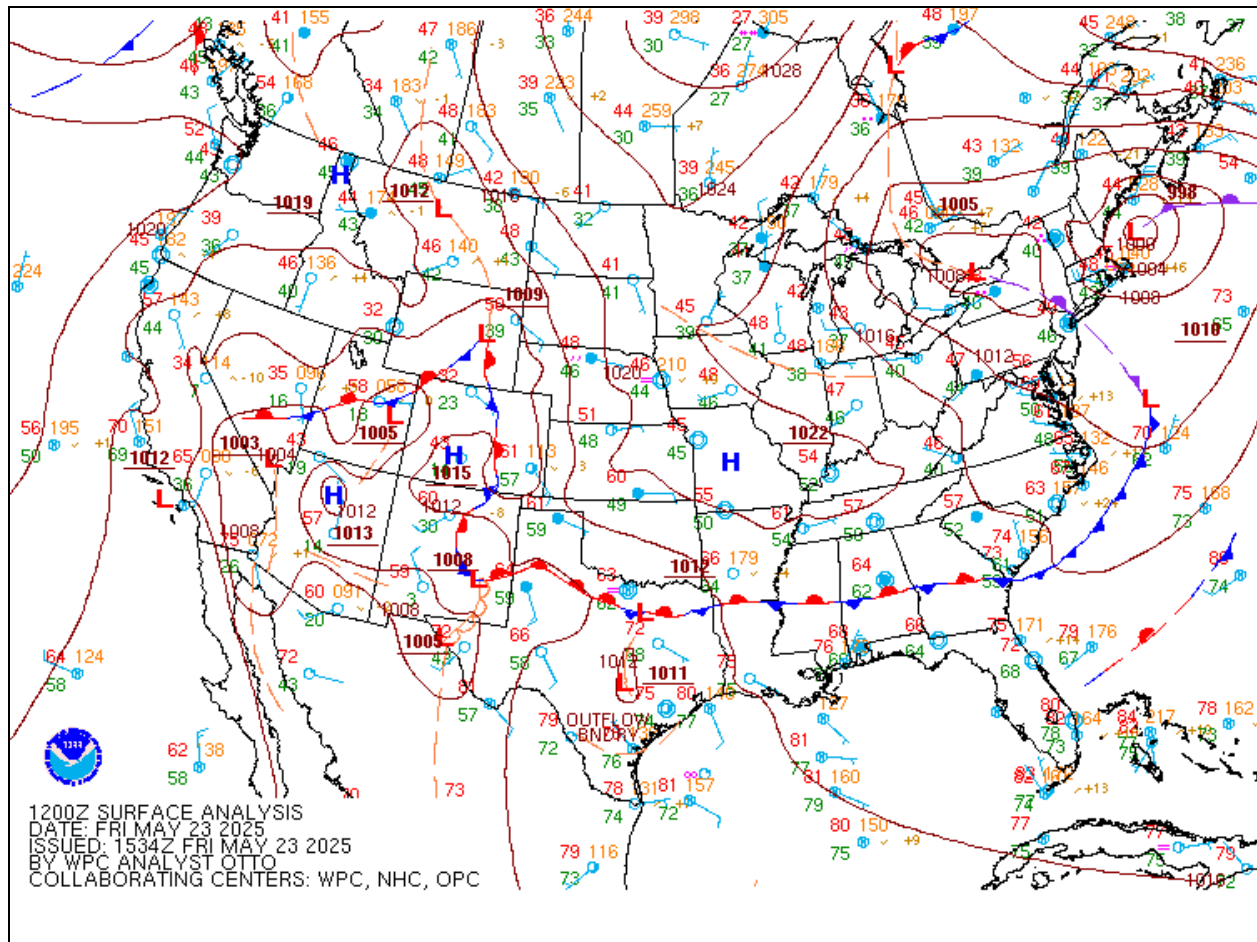
After Rhode Island was established, Henry set his sights on Massachusetts to join the growing network. As a frequent visitor to Plymouth to see family and friends, he worked with our office to set up a meeting at the American Meteorological Society's (AMS) Headquarters in Boston. We also invited representatives from Massachusetts DCR (Department of Conservation and Recreation) to join us since they were a key partner of ours for drought and water resource management. We began an aggressive recruiting campaign that included newspapers, TV meteorologists, and NWS Skywarn training sessions. Prior to the March 1, 2009 startup we had 16 observers ready to go! During the first month, another 32 observers signed up, and as of today we have grown to a total of **355** active observers in Massachusetts.

Having done our work to expand CoCoRaHS into Rhode Island and Massachusetts, it was time to set our sights on Connecticut! Establishing the CoCoRaHS network in Connecticut was certainly a challenge, since we needed to coordinate our efforts between the three NWS forecast offices serving the state (Albany, Boston, and New York City) and state emergency management. We laid most of the ground work through email and conference calls. Press releases were sent to newspapers and TV meteorologists. Prior to the July 1 startup, 30 observers signed up and were ready to go. Another 15 joined the ranks in July. Today we have **166** active observers in Connecticut.

In all, we now have **636** observers in all three states! Our corner of the CoCoRaHS network remains among the most active and a majority of you report every single day, even to report zeroes. Once again, **THANK YOU** for all of your efforts in measuring and reporting precipitation throughout the year!

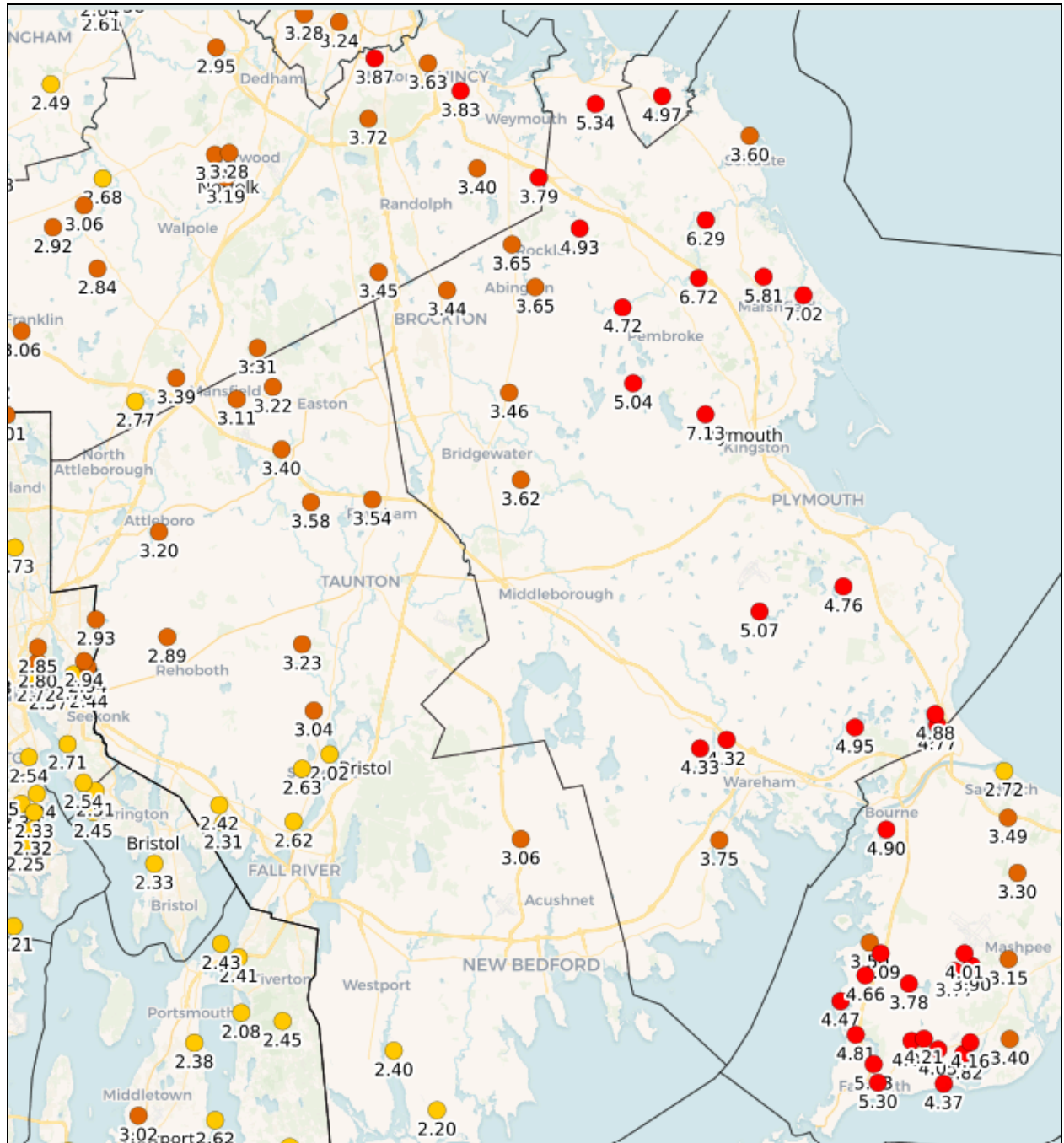
May 22-23 Heavy Rainfall

An unusually strong coastal storm brought heavy rainfall to southern New England on May 22 and 23. The highest rainfall totals were observed in southeast Massachusetts where 4 to 7 inches of rain fell. The highest 24-hour total reported was 7.13" from MA-PL-5, Kingston 3.3 WNW. [This link](#) provides the entire listing of rainfall reports. Thank you for all of your efforts in reporting! You'll see many CoCoRaHS observations listed. The reports helped NWS offices, including the Northeast River Forecast Center, produce accurate river forecasts and flood warnings. Fortunately, flood impacts were relatively minor and confined to the Old Swamp and Jones Rivers in eastern Massachusetts, but there were several reports of significant street flooding as well.

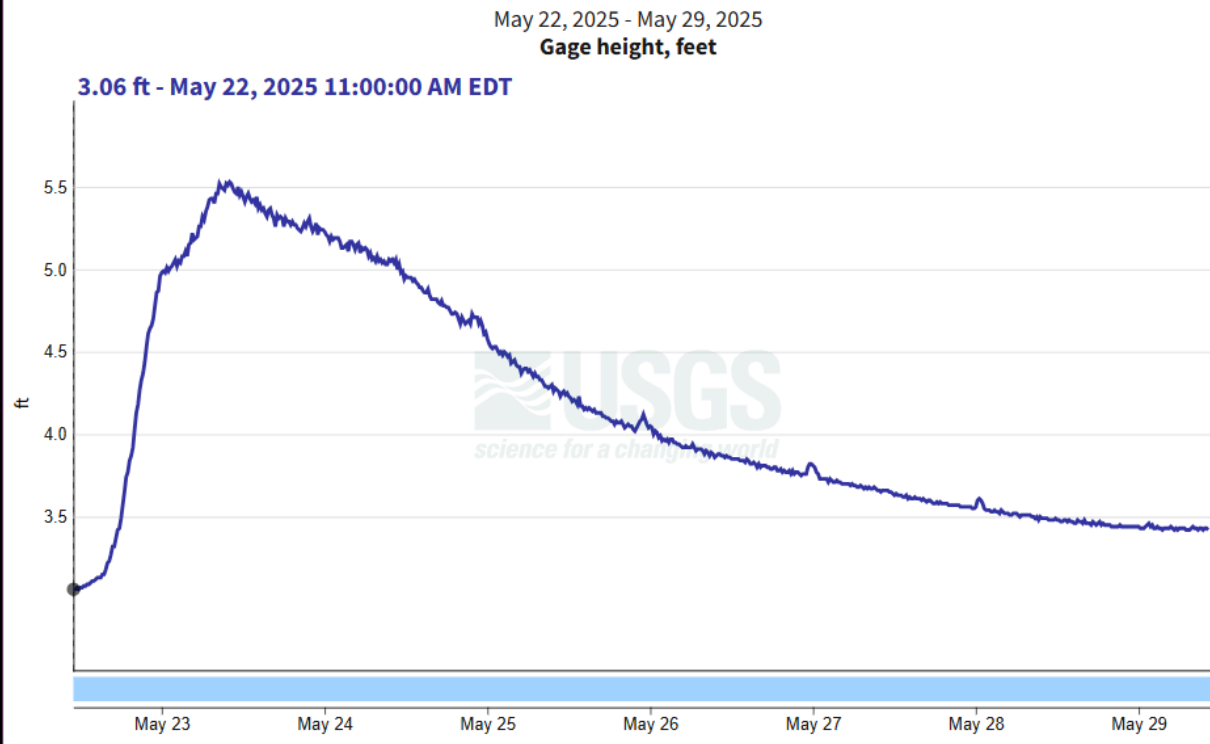


Weather Map for May 23 at 7 AM showing the late season nor'easter





Zoomed-in map of CoCoRaHS rainfall totals showing where higher rainfall occurred.



*Minor flooding occurred along the Jones River in Kingston, MA on May 23.
Flood stage is 5 feet*

Spring Stats

Spring was a warm and wet season for most of southern New England. Temperatures averaged about 2 degrees above normal and precipitation was 2 to 5 inches above normal, though some coastal locations were a bit drier. Here's a snapshot of meteorological spring (March, April, and May) at our longer term climate sites and a look at the Top 5 highest CoCoRaHS precipitation totals by state:

Location	Average Temp (F)	Precipitation
Boston, MA	50.8 (+2.4)	14.48" (+3.43")
Bridgeport, CT	52.1 (+2.1)	10.61" (-1.22")
Hartford, CT	51.4 (+2.3)	16.29" (+4.81)
Providence, RI	51.0 (+1.9)	15.34" (+2.78)
Worcester, MA	48.0 (+2.2)	16.80" (+4.97")

Top 5 Connecticut CoCoRaHS Spring Precipitation Totals

Station	Name	Total
CT-NH-14	Prospect 1.9 ENE	19.88"
CT-HR-6	Wethersfield 1.2 WSW	19.41"
CT-NH-22	Prospect 0.5 SW	19.13"
CT-HR-31	Bristol 2.7 WNW	19.02"
CT-HR-128	Bristol 2.8 ENE	18.93"

Top 5 Massachusetts CoCoRaHS Spring Precipitation Totals

Station	Name	Total
MA-MD-36	Townsend 2.6 S	24.41"
MA-FR-41	Conway 3.4 WSW	22.57"
MA-HS-61	Hadley 3.2 NNE	20.91"
MA-HD-26	Brimfield 3.6 NW	20.01"
MA-FR-10	Conway 0.9 SW	19.92"

Top 5 Rhode Island CoCoRaHS Spring Precipitation Totals

Station	Name	Total
RI-WS-110	Saunderstown 1.4 SW	19.47"
RI-WS-80	South Kingstown 4.3 WSW	18.94"
RI-WS-106	Wakefield-Peacedale 1.1 SW	18.03"
RI-WS-45	Charlestown 4.7 NNE	17.96"
RI-WS-108	Charlestown 2.3 ENE	17.96"

What to Do About Dew

If you are new to the crew, be sure you know what to do about dew. Clear skies overnight often yield dew on the gauge and a little bit in the inner cylinder. How often? If you keep track of “dew” with your Comments, you might find **half** of the days in these warm weather months have dew in the mornings. Dew is condensation, not precipitation.

During your morning observation, if you find dew on the funnel, and a little bit in the inner cylinder, please AVOID the temptation to report it as precipitation, 0.01” or T. LOOK for confirming cues of precipitation, such as wet pavement or puddles. Another clue is the size of the droplets on the funnel. Large droplets on the funnel are likely from precipitation. Small droplets on the funnel are likely from condensation. When in doubt or in certainty, a comment with your report goes a long way.

Mistakes Happen!

Whether it's decimal points, "fat fingering" on the mobile app or keyboard, the observation date, or the correct use of Multi-Day Reports, accuracy matters!

Please avoid "submit-it and forget-it." Double check your report before submitting. Here are some of the more common mistakes that we've seen:

- **Did I make a typo?**
 - 1.10" instead of 0.11"
- **Am I entering 0.00" when it rains before reading the gauge?**
 - Just wait and enter the total after reading the gauge
- **Does my report cover more than one day?**
 - Submit a Multi-Day Report
- **Am I backfilling a previous date?**
 - Don't just guess and enter zero
 - Check nearby observations from that day first
 - Leave as NA if you don't have a total - that's fine!

The website offers previous reports with a pencil icon to make corrections. The mobile app, both Apple and Android, offer a List/Edit Obs feature. Most mistakes happen with reporting, not with measuring. Accuracy matters!

At CoCoRaHS there is a team that reviews all observations daily and checks them for errors. I also check reports from our three states along with help from Janis, MA-PL-72. If you make a mistake, don't worry. Someone usually catches it and I get notified by a ticketing system.

Most of the time the error is apparent and I can make the correction for you, but in some cases I may reach out to you for more information. If I do, please don't take it personally. We're just trying to keep your station records as accurate and complete as possible.

Summer Observing and Reporting Tips

A Comment About Comments:

The season of heavy rain and downpours is coming upon us. Reports come in, some of them for eye-popping amounts, high and low. The natural tendency is to look at the report and find more details. This is where your Comments increase in value. What you have to say, your eyes and ears and experiences, play a part in verifying and clarifying your reported amount.

Examples such as this are especially helpful:

- “Can confirm the 3.76” total. Most rain I have ever received.”
- “Rain fell overnight.”
- “Clear skies throughout the day and night. Dew on the gauge.”

Typing may not be everyone’s forte. Short, simple, to the point and repeat your reported amount, adds value and clarity to verify your reported amount.

Significant Weather Reports:

Here is an opportunity to help verify radar estimates in real-time and help NWS forecasters make decisions on issuing Flood Warnings. This real-time report only takes a minute to alarm at NWS workstations. Here are the guidelines:

- 1” or more of rain in 1 hour or less.
- 2” or more of rain.
- Flooding.
- Anything you feel is significant to report.

Condition Monitoring Reports: “A Report a Week Is All We Seek”

This is a great way to let others know about ongoing conditions in your area, whether it’s wet, dry, or something in between. Try to report once a week, usually on Mondays or Tuesdays. The information is used by water resource officials and others, including the authors of the weekly [Drought Monitor](#). Give it a try! You can also upload up to 4 photos too.

That’s all for now. Enjoy the longer days and warmer temperatures of summer! Our next newsletter will be out in September.