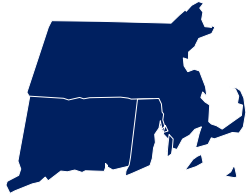




# Southern



# New England

**March 2018**

We awaken from our dark and bleak winter to the longer and brighter daylight of March. February gave us the same variety of precipitation events that January gave us; snow and rain, wind and more.

Although the reporting is the dimmest in February, there were many that shined brightly with their reporting of precipitation, snow fall, snow depth and total snow water equivalent. We watched MA-HS-7 and MA-MD-12 make a precip, snowfall, snow depth and total SWE report EVERY DAY in the month of February. A remarkable story their reports tell how snow came and went.

Plenty to mention as we make this transition from winter to summer. The relatively new Condition Monitoring Reports continue to grow in numbers and we want to encourage more to participate.

Before spring gets stronger, the “H” in CoCoRaHS is for Hail. A rare occurrence in our shoreline and coastal areas, but hail can occur in our inland areas as the springtime storms get stronger.

With your Daily Reports, we continue to emphasize the importance and value of making Comments along with your reports.

Celebrate those that make the Grand List. Let’s begin.

## **The “Grand” List**

Congratulations to all of these observers from our three states who has recently passed a milestone of 1000 Daily Reports.

### **3000 Daily Reports**

CT-TL-2      Staffordville 0.4 NNW

### **2000 Daily Reports**

MA-BA-22    Yarmouth 0.9 NNW

MA-BA-30    Eastham 0.6 SW

### **1000 Daily Reports**

RI-PR-32    Providence 2.3 NE

## The “H” is for “Hail”

In our coastal areas, Hail is a rare occurrence. In our inland areas, Hail may and does occur during the year. We may be a month ahead in mentioning this, as “Hail Week” is typically mentioned in early April.

The “H” in CoCoRaHS may be silent, but when it happens to you, most likely, you will hear it. Different than sleet pellets of our winter months, hail occurs in convective thunderstorms.

In the past year, we have all gotten better about submitting Significant Weather Reports. Hail Reports work the same way. They are a real time report that immediately finds its way to your local forecast office and to other neighboring offices as well.

If you hear something, say something. Be safe. Hail stones are different than rain drops, sleet pellets or snowflakes.

Observing tips:

- Make note of the start and stop time of the Hail.
- Have a ruler available to use in this next step. A simple 12” ruler is handy.



• Staying safe or covered, lay your ruler, face up, on the ground, among the fallen hailstones.

- Use a digital camera to take a picture of the ruler among the fallen hailstones.
- From the safety of the indoors, look at the digital picture and compare the size of the hailstones to the ruler.
- Fill out and submit a Hail Report... in real time.... using the data you gathered earlier.



Is there a severe thunderstorm in our area? How often does Hail occur in our area? Which months of the year does Hail likely occur? Your reports help define all of that and more. Hail Reports alerts others in real time, like our Significant Weather reports do.



## Hail Report

### Hail Report Information

Station Number: CT-FR-9  
Station Name: Brookfield 3.3 SSE  
Date: 4/2/2016 9:05 PM  
Submitted: 4/02/2016 9:17 PM  
Taken at registered location: True  
Notes:

NO  
HAIL PAD  
IMAGE

### Hailstone Information

Largest Size: 3/8"  
Average Size: 1/4" Pea Size  
Smallest Size: 1/4" Pea Size  
Stone Consistency: Soft

### Hail Storm Information

Duration Minutes: 10  
Duration Accuracy:  
Timing: Continuous  
More Rain than Hail: False  
Hail Started: Same time as rain  
Largest Hail Started: After smaller hail  
Damage:

### Hail pad information

Angle of Impact:  
Number of Stones On Pad:  
Distance Between Stones On Pad:  
Depth Of Stones on Ground:  
Has Samples: False

## **Comments**

During the winter months, we see an increase in the numbers and percentages of Comments. During the summer months, we see a decline.

So as we make this transition from winter to summer, we want to emphasize that you make Comments with your Daily Reports, Comments that verify and clarify your Daily Report. Video link [here](#).

Why?

Sometimes your report is unique, jumps off the page, sticks out on the map, or stands out of the dozens, hundreds or thousands of other reports in a list. Whether you reported 3.12" or 0.03" or T, or anything else higher or lower or in between, there are others that look at the map of reports, then dive down to your report and think quietly or out loud "Really?" "Are you sure?" "How or when did that happen?" "That's not what everyone else around you got." "There wasn't a cloud in the sky... all day and night!" "Is that a decimal point error" and in the winter months, "Was that really your new snowfall amount?"

Type something that supports, verifies, clarifies, or repeats your report of precipitation. You can answer all of those questions. You can provide the "ground truth". You can eliminate the need for follow up by any Coordinator or member of our Quality team. You can document as well as narrate your Water Year Summary.

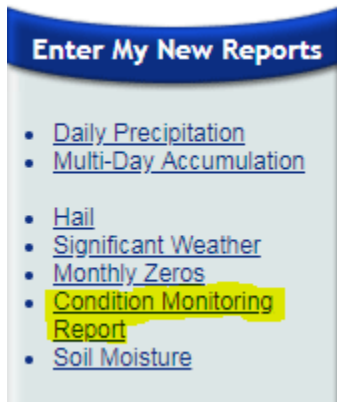
Start, continue, and emphasize Comments with your Daily Reports, especially with reports of precipitation so that all curiosities, amazements, questions and doubts are quickly put aside.

## **Condition Monitoring Reports**

Our roles as observers have taken on an added dimension, a role that goes beyond reading the bottom of the meniscus of your inner cylinder, getting a decimal point right, or making a real time Hail or Significant Weather Report.

We need you to tell us about the mud, the rivers, the lakes and the ponds, the snow pack and more. In the summer, that mud may turn to brown

grass and dust. The river flows may turn to a trickle. Brush fires can occur during a few dry and sunny weeks in April. Our conditions can change from week to week, and month to month. Video link [here](#).



Once a week, twice a month, once a month, we would like to see many of you enter a Condition Monitoring Report. We would like to see a few dozen reports turn into hundreds of them.

Tell us, in words and selections, what you are experiencing; river flows, soil or grass conditions, water restrictions on one end or overflows on the other end.

<span>?</span> <b>Condition Scale Bar</b> <a href="#">More information on the scale bar</a> <input type="button" value="Clear Scale Bar"/>						
<b>Severely Dry</b>	<b>Moderately Dry</b>	<b>Mildly Dry</b>	<b>Near Normal</b>	<b>Mildly Wet</b>	<b>Moderately Wet</b>	<b>Severely Wet</b>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What does the water flow look like in a nearby river? How does that nearby reservoir look... compared to normal? Did you get or not get a normal amount, 1" of precip, in the past week? Brush fires in April or October? How does the ground look, wet, dry, compared to normal? What has been the effect of above normal or below normal precipitation? Agricultural effects. Forest effects. Those that make Comments with their weekly or monthly precipitation totals, are encouraged to type those precipitation totals within a Condition Monitoring Report.

Description
Please provide a description of how dry, normal or wet conditions are affecting you, your livelihood, your activities, etc. * <div style="border: 1px solid #ccc; height: 40px; margin-top: 5px;"></div>


The best time of the week to make these reports is between Friday and Monday. On Monday, the National Drought Mitigation Center (NDMC) at

the University of Nebraska, Lincoln NE, starts their weekly process of gathering data, and yes, they can look at your Condition Monitoring Reports, and they undertake their weekly duty of determining drought conditions for our country.

Tip: To have your report directed to the Drought Reporter, select an **ADDITIONAL** category to *General Awareness*. With **ONLY** *General Awareness*, your Condition Monitoring Report with **not** find a larger audience.


Like our map of precip, snowfall and snow depth, we do have a map of Condition Monitoring Reports.

As we make this transition from winter to summer, embrace our new dimension as observers. Please continue or start the habit of making a Condition Monitoring Report to document your Conditions.

 **Orleans 3.0 S**  
2018-03-04T00:00:00Z

lot of rain Friday and ground is damp anyway for this time of year.

MA-BA-51 -- General Awareness, Plants And Wildlife

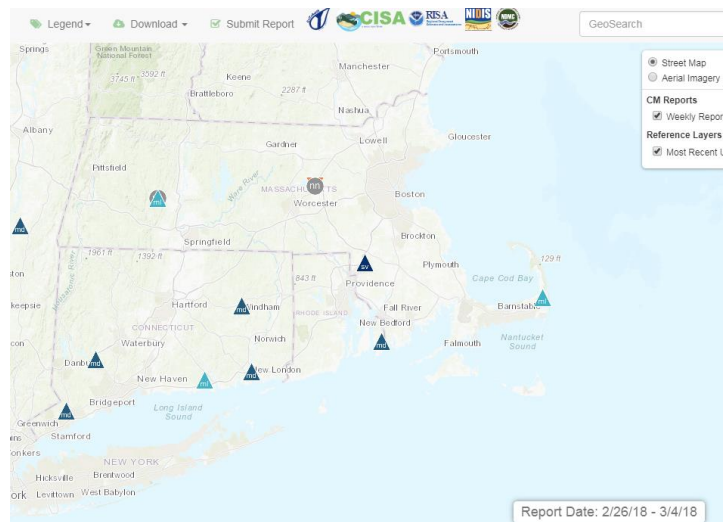
 **Westbrook Center 1.1 N**  
2018-02-26T00:00:00Z

We have had on & off rain for the last 3 or 4 days - The ground where it is partially thawed is muddy.

CT-MD-5 -- General Awareness

 **Westhampton 1.8 SW**  
2018-03-04T00:00:00Z

Nearly 2 inches rain and SWE this week and over 4" in February has filled our small ponds and streams. Solar panels have been mostly clear of snow/ice, but cloudy days haven't helped. Few tourists visited our store. A little maple boiling and the



# Detail and Summary for February 2018

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

## February 2018 Regional Precipitation Summary

Location	Station ID	Feb 2018 Precip	Feb departure from normal	Dec-Jan-Feb Precip	3 month departure from normal	Sep-Feb Precip	6 month departure from normal	Mar-Feb Precip	12 month departure from normal
Pittsfield MA	PSF	4.09"	1.41"	10.90"	2.30"	19.60"	-0.15"	44.81"	-0.57"
Bridgeport CT	BDR	6.43"	3.64"	10.62"	1.40"	21.59"	-1.36"	44.99"	2.25"
Hartford CT	BDL	5.13"	2.24"	11.40"	1.84"	23.46"	-0.65"	48.59"	2.74"
Worcester MA	ORH	4.87"	1.64"	11.34"	0.80"	24.47"	-3.13"	47.41"	-0.67"
Providence RI	PVD	5.45"	2.16"	14.51"	3.14"	26.74"	3.50"	53.76"	6.58"
Boston MA	BOS	3.77"	0.52"	11.18"	0.79"	20.85"	2.10"	44.67"	0.90"

### March 2018 Outlook

**Air Temperature**

**Precipitation**

A = Above normal, B = Below normal,  
EC = Equal chances of above/below normal

### February Highlights

- \* Precip reports >= 1.00" = 163
- \* Precip reports >= 1.00" last Feb was 131

**Did You Know?**  
Our listed stations average 5.38" of precipitation. A welcome wet month of February!

Not many opportunities to report zero precipitation. Non-zeros dominated the typically driest month of the year, February.

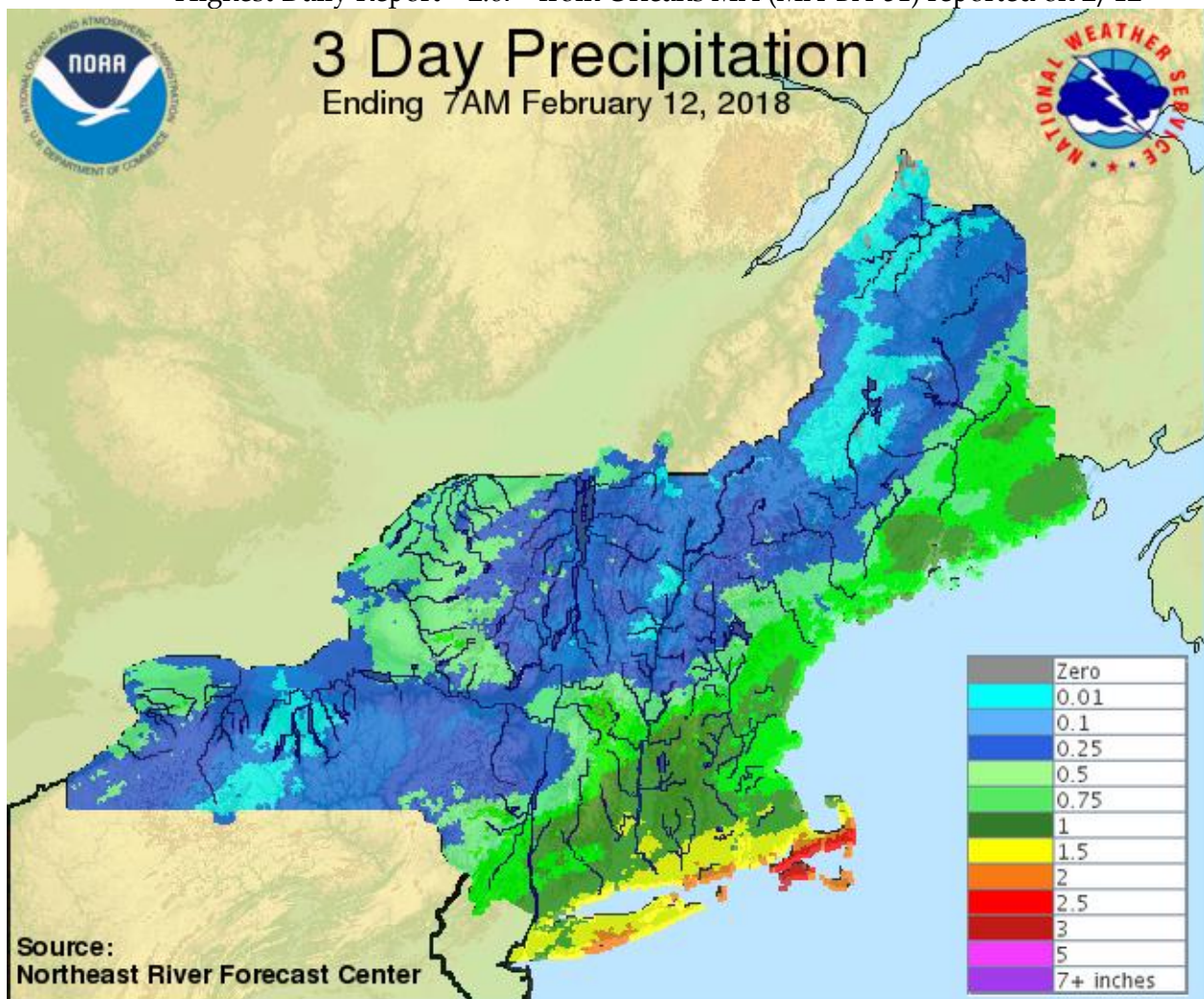
Rain and snow mixes occurred throughout the month. The large rain event occurred on the 10<sup>th</sup>-11<sup>th</sup>, highlighted by the map on the next page. The large snow event occurred on the 17<sup>th</sup>. Wet conditions prevailed during the last week of the month with another series of rain events from the 23<sup>rd</sup>-25<sup>th</sup>.

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



## From your reports for February 2018

Observers reporting	275
Reported all 28 days	132
Completed by Multi-Day Reports	36
Missing 1 or 2 reports	35
Daily Reports	6131
Zero Reports	2411
Non-Zero Reports	3720
Daily Comments	1569
Multi-Day Reports	165
Condition Monitoring Reports	31
Significant Weather Reports	18
Snowfall Reports	4036
Snow Depth Reports	2811
SWE Reports	1205
Highest Daily Report	2.67" from Orleans MA (MA-BA-51) reported on 2/12



60 reports for “NA” for precip from 30 unique stations removed 11 stations’ totals from this list.

Another station from out-of-state has been adopted. NH-CH-30 reports consistently from neighboring southern New Hampshire.

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

Watershed	Watershed Name	Station	Station Name	Precip
01070004	Nashua			
0107000401	North Nashua River	MA-WR-44	Westminster 0.6 WSW	4.89"
0107000401	North Nashua River	MA-WR-8	Fitchburg 1.6 SSW	3.92"
0107000401	North Nashua River	MA-WR-52	Fitchburg 2.3 N	4.27"
0107000401	North Nashua River	MA-WR-22	Fitchburg 2.0 NNE	4.34"
0107000402	Headwaters Nashua River	MA-WR-56	Sterling 4.3 NW	4.38"
0107000402	Headwaters Nashua River	MA-MD-25	Ayer 0.1 SW	3.46"
0107000403	Squannacook River	MA-MD-47	West Townsend 0.5 W	4.17"
01070005	Concord			
0107000501	Sudbury River	MA-MD-88	Wayland 2.1 SSE	4.13"
0107000502	Concord River	MA-WR-28	Berlin 1.3 WSW	4.41"
0107000502	Concord River	MA-WR-42	Northborough 2.3 N	4.37"
0107000502	Concord River	MA-WR-55	Harvard 2.1 S	4.17"
0107000502	Concord River	MA-MD-83	Boxborough 1.4 SSE	4.15"
0107000502	Concord River	MA-MD-12	Acton 1.3 SW	4.58"
0107000502	Concord River	MA-MD-51	Maynard 0.7 ESE	4.29"
0107000502	Concord River	MA-MD-62	Chelmsford 1.2 E	4.18"
01070006	Merrimack River			
0107000611	Spicket River	MA-ES-38	Methuen 1.6 NNE	3.81"
0107000612	Stony Brook - Merrimack River	MA-MD-105	Littleton 0.9 WSW	4.06"
0107000613	Shawsheen River	MA-MD-52	Lexington 0.6 SW	3.81"
0107000614	Powwow River - Merrimack River	MA-ES-20	Haverhill 0.7 N	4.42"
0107000614	Powwow River - Merrimack River	MA-ES-4	Groveland 0.5 WSW	4.12"
01080201	Middle Connecticut			
0108020106	Manhan River - Connecticut River	MA-HS-2	Westhampton 1.8 SW	5.56"
0108020106	Manhan River - Connecticut River	MA-HS-8	Williamsburg 1.2 WSW	4.91"
0108020106	Manhan River - Connecticut River	MA-FR-12	Sunderland 1.3 SE	4.96"
0108020107	Batchelor Brook - Connecticut River	MA-HD-13	Springfield 4.1 W	5.42"
01080202	Miller			
0108020201	Upper Millers River	NH-CH-20	Rindge 3.2 ESE	4.53"
0108020202	Lower Millers River	MA-FR-21	Millers Falls 0.2 SW	4.58"
01080203	Deerfield			

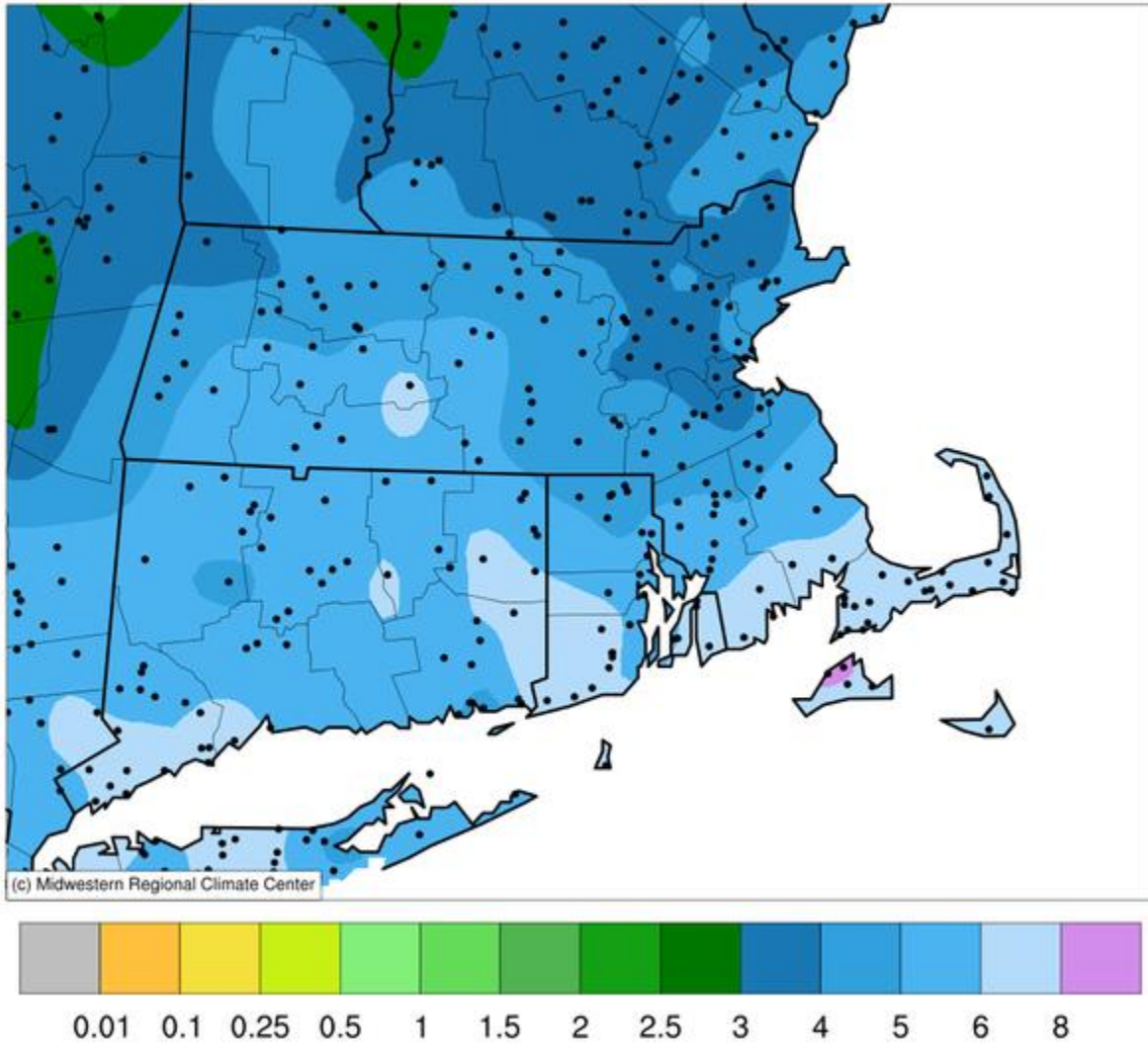
0108020305	Lower Deerfield River	MA-FR-17	Buckland 1.8 ESE	4.31"
0108020305	Lower Deerfield River	MA-FR-13	Conway 2.9 NW	4.35"
0108020305	Lower Deerfield River	MA-FR-10	Conway 0.9 SW	4.76"
01080204	Chicopee			
0108020404	Chicopee River	MA-HD-25	Ludlow 2.3 SW	5.48"
01080205	Lower Connecticut			
0108020501	Mill River - Connecticut River	CT-HR-5	Enfield 1.5 SE	5.17"
0108020502	Scantic River	CT-TL-20	Broad Brook 2.0 SE	5.05"
0108020502	Scantic River	CT-TL-15	Central Somers 0.3 N	5.66"
0108020503	Park River	CT-HR-39	Farmington 1.6 SW	5.17"
0108020503	Park River	CT-HR-11	West Hartford 2.7 SSE	5.02"
0108020503	Park River	CT-HR-53	Hartford 2.0 SW	4.47"
0108020504	Hockanum River	CT-HR-52	Central Manchester 0.8 N	5.12"
0108020504	Hockanum River	CT-TL-19	Vernon 2.8 N	5.27"
0108020505	Roaring Brook - Connecticut River	CT-HR-6	Wethersfield 1.2 WSW	5.26"
0108020505	Roaring Brook - Connecticut River	CT-HR-22	East Hartford 1.3 E	5.32"
0108020506	Mattabeset River	CT-HR-15	Southington 3.0 E	6.13"
01080206	Westfield			
0108020601	Headwaters Westfield River	MA-HS-7	Plainfield 2.2 SW	4.87"
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	5.47"
0108020702	West Branch Farmington River	CT-LT-18	New Hartford Center 1.5 N	5.59"
0108020704	Headwaters Farmington River	CT-LT-9	New Hartford Center 3.2 SW	5.39"
0108020705	Salmon Brook	CT-HR-8	North Granby 1.3 ENE	4.55"
01090001	Charles			
0109000101	Plum Island Sound - Frontal Atlantic Ocean	MA-ES-24	Newburyport 0.8 SW	4.23"
0109000102	Ipswich River	MA-MD-85	Wilmington 2.2 WNW	5.25"
0109000102	Ipswich River	MA-MD-45	Wilmington 1.5 NE	3.83"
0109000102	Ipswich River	MA-ES-12	Boxford 2.4 S	4.16"
0109000102	Ipswich River	MA-ES-2	Beverly 2.8 NW	3.92"
0109000103	Essex River - Frontal Atlantic Ocean	MA-ES-41	Danvers 0.8 ESE	4.16"
0109000104	Saugus River - Frontal Broad Sound	MA-MD-81	Wakefield 0.5 NNW	3.97"
0109000104	Saugus River - Frontal Broad Sound	MA-SF-2	Winthrop 0.2 N	3.92"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-7	Winchester 0.7 SE	3.75"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-44	Medford 1.2 W	3.79"
0109000105	Mystic River - Frontal Boston Harbor	MA-MD-11	Cambridge 0.9 NNW	4.12"
0109000105	Mystic River - Frontal Boston Harbor	MA-SF-10	Chelsea 0.8 N	4.64"
0109000106	Upper Charles River	MA-WR-1	Milford 2.3 NNW	4.34"
0109000106	Upper Charles River	MA-MD-106	Holliston 2.4 W	4.32"
0109000106	Upper Charles River	MA-MD-55	Holliston 0.7 W	4.13"

0109000106	Upper Charles River	MA-MD-42	Holliston 0.8 S	4.10"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-MD-80	Lincoln 1.5 SW	3.98"
0109000107	Lower Charles River - Frontal Boston Harbor	MA-NF-35	Wellesley 0.1 W	3.78"
0109000108	Neponset River - Frontal Boston Harbor	MA-NF-1	Norwood 1.3 NW	4.12"
0109000109	Whitmans Pond - Frontal Boston Harbor	MA-NF-32	Quincy 1.8 WSW	3.10"
0109000109	Whitmans Pond - Frontal Boston Harbor	MA-PL-36	Hingham 0.8 ESE	4.32"
01090002	Cape Cod			
0109000202	Cape Cod	MA-BA-8	Falmouth 1.8 WSW	8.22"
0109000202	Cape Cod	MA-BA-2	Falmouth 3.1 NNW	7.13"
0109000202	Cape Cod	MA-BA-57	Falmouth 5.7 N	6.63"
0109000202	Cape Cod	MA-BA-11	East Falmouth 1.4 ESE	7.96"
0109000202	Cape Cod	MA-BA-47	Mashpee 2.4 WSW	7.49"
0109000202	Cape Cod	MA-BA-59	Barnstable 3.6 W	8.13"
0109000202	Cape Cod	MA-BA-1	Yarmouth 2.3 SSE	7.70"
0109000202	Cape Cod	MA-BA-33	Brewster 1.5 ESE	8.10"
0109000202	Cape Cod	MA-BA-52	Truro 0.8 E	6.51"
0109000202	Cape Cod	MA-BA-27	Wellfleet 0.7 NW	5.82"
0109000202	Cape Cod	MA-BA-30	Eastham 0.6 SW	7.08"
0109000202	Cape Cod	MA-BA-65	Chatham 0.2 SSE	6.69"
0109000203	Mattapoissett River - Frontal Buzzards Bay	MA-PL-19	Rochester 1.2 NNW	6.72"
0109000204	Paskamanset River - Frontal Buzzards Bay	MA-BR-14	Dartmouth 2.5 SSW	6.55"
0109000205	Sakonnet Point - Frontal Rhode Island Sound	RI-NW-7	Little Compton 0.6 E	6.80"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-5	West Tisbury 2.9 N	9.18"
0109000206	Elizabeth Islands - Marthas Vineyard	MA-DK-2	Vineyard Haven 0.8 WSW	8.74"
01090003	Blackstone			
0109000301	Upper Blackstone River	MA-WR-41	Auburn 2.6 SW	4.65"
0109000301	Upper Blackstone River	MA-WR-43	Leicester 2.4 ESE	4.69"
0109000302	Lower Blackstone River	RI-PR-50	Harrisville 1.2 SSE	4.96"
0109000302	Lower Blackstone River	RI-PR-28	North Smithfield 0.7 SE	4.82"
0109000302	Lower Blackstone River	RI-PR-45	Manville 0.4 WSW	4.87"
0109000302	Lower Blackstone River	MA-NF-26	Bellingham 2.4 S	4.59"
0109000302	Lower Blackstone River	RI-PR-55	Cumberland Hill 3.3 NE	4.77"
01090004	Narragansett			
0109000401	Upper Taunton River	MA-NF-31	Stoughton 1.2 E	4.59"
0109000401	Upper Taunton River	MA-PL-22	East Bridgewater 0.3 WSW	4.87"
0109000401	Upper Taunton River	MA-PL-15	Abington 1.2 NNE	3.89"
0109000401	Upper Taunton River	MA-PL-23	Pembroke 2.8 SW	5.28"
0109000403	Threemile River	MA-BR-33	Taunton 2.4 W	5.54"
0109000403	Threemile River	MA-BR-9	Taunton 2.6 NW	5.47"
0109000405	Wonnasquatucket River-Moshassuck River	RI-PR-33	Greenville 0.7 NNW	4.90"
0109000405	Wonnasquatucket River-Moshassuck River	RI-PR-51	North Smithfield 0.6 S	4.78"

0109000406	Pawtuxet River	RI-PR-17	Cranston 4.1 E	5.98"
0109000407	Palmer River	MA-BR-2	Rehoboth 2.1 N	5.28"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-3	Norton 1.8 NNE	4.88"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-16	Somerset 0.4 SSE	5.58"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-19	Somerset 2.0 NNE	5.65"
0109000408	Lower Taunton River - Frontal Mount Hope Bay	MA-BR-8	Dighton 1.1 WSW	5.93"
0109000409	Narragansett Bay	RI-KN-2	East Greenwich 2.3 ESE	5.80"
0109000409	Narragansett Bay	RI-PR-32	Providence 2.3 NE	5.51"
0109000409	Narragansett Bay	RI-BR-5	Barrington 1.3 WNW	5.20"
0109000409	Narragansett Bay	RI-NW-4	Middletown 1.1 SW	4.67"
0109000409	Narragansett Bay	RI-NW-16	Portsmouth 1.3 S	6.24"
0109000409	Narragansett Bay	RI-NW-11	Tiverton 0.8 SSW	5.87"
01090005	Pawcatuck-Wood			
0109000501	Wood River	RI-WS-1	Hope Valley 3.7 S	6.03"
0109000502	Upper Pawcatuck River	RI-WS-32	Kingston 6.9 NNW	6.47"
0109000504	Frontal Block Island Sound	RI-WS-36	Charlestown 3.0 WSW	6.90"
01100001	Quinebaug			
0110000102	French River	CT-WN-2	North Grosvenor Dale 1.7 SSE	5.36"
0110000103	Fivemile River	CT-WN-6	Dayville 2.0 ENE	5.60"
0110000103	Fivemile River	CT-WN-4	East Killingly 1.3 SW	5.33"
0110000105	Mossup River	CT-WN-8	Moosup 1.7 NE	6.23"
01100002	Shetucket			
0110000201	Willimantic River	CT-TL-2	Staffordville 0.4 NNW	5.54"
0110000203	Shetucket River	CT-WN-10	South Windham 1.3 NNE	5.89"
0110000203	Shetucket River	CT-NL-10	Norwich 2.5 NNE	6.27"
01100003	Thames			
0110000302	Thames River-Frontal New London Harbor	CT-NL-6	New London 1.0 NNW	6.59"
0110000302	Thames River-Frontal New London Harbor	CT-NL-8	Uncasville-Oxoboxo Valley 1.6 ENE	6.57"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-29	East Lyme 0.5 SW	7.08"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-22	Central Waterford 2.7 SSW	6.40"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-24	Stonington 1.4 NNW	6.40"
0110000303	Mystic River - Frontal Fishers Island Sound	CT-NL-18	Stonington 0.5 NNE	6.44"
01100004	Quinnipiac			
0110000401	Quinnipiac River	CT-NH-14	Prospect 1.9 ENE	5.77"
0110000401	Quinnipiac River	CT-NH-44	Wallingford Center 1.9 WNW	6.15"
0110000401	Quinnipiac River	CT-NH-43	Wallingford Center 3.3 NNW	6.49"
0110000401	Quinnipiac River	CT-NH-42	Wallingford Center 1.1 N	6.10"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-NH-41	Madison Center 1.6 W	7.27"
0110000402	Hammonasset River - Frontal Long Island Sound	CT-MD-5	Westbrook Center 1.1 N	6.35"
0110000403	Mill River - Frontal Long Island Sound	CT-NH-16	Milford 1.8 E	6.74"
01100005	Housatonic			

0110000501	Headwaters Housatonic River	MA-BE-11	Great Barrington 3.0 N	4.66"
0110000501	Headwaters Housatonic River	MA-BE-3	Stockbridge .2 NNE	4.54"
0110000501	Headwaters Housatonic River	MA-BE-10	Pittsfield 2.0 NNW	4.88"
0110000506	Candlewood Lake-Housatonic River	CT-LT-22	New Milford 5.3 SSW	5.52"
0110000508	Still River - Housatonic River	CT-FR-43	Bethel 0.5 E	5.90"
0110000508	Still River - Housatonic River	CT-FR-41	Bethel 3.5 NNE	5.65"
0110000508	Still River - Housatonic River	CT-FR-9	Brookfield 3.3 SSE	5.38"
0110000510	Eightmile Brook - Housatonic River	CT-FR-44	Newtown 4.3 E	5.62"
0110000512	Outlet Naugatuck River	CT-NH-47	Seymour 1.5 NE	6.03"
0110000512	Outlet Naugatuck River	CT-NH-45	Naugatuck 1.7 NNE	5.60"
0110000512	Outlet Naugatuck River	CT-NH-22	Prospect 0.5 SW	5.42"
0110000513	Housatonic River - Frontal Long Island Sound	CT-FR-42	Monroe 0.1 SE	6.25"
0110000513	Housatonic River - Frontal Long Island Sound	CT-FR-23	Shelton 1.3 W	6.19"
0110000513	Housatonic River - Frontal Long Island Sound	CT-FR-46	Stratford 0.2 ESE	6.81"
01100006	Saugatuck			
0110000601	Saugatuck River - Frontal Long Island Sound	CT-FR-31	Newtown 4.6 SSW	5.76"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-29	Ridgefield 1.9 SSE	6.29"
0110000602	Norwalk River - Frontal Norwalk Harbor	CT-FR-25	Norwalk 2.9 NNW	6.23"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-20	Westport 2.5 ENE	6.36"
0110000603	Pequonnock River - Frontal Long Island Sound	CT-FR-32	Monroe 0.8 W	5.88"
0110000604	Mianus River-Rippowam River	CT-FR-12	Stamford 3.3 NW	6.06"
0110000604	Mianus River-Rippowam River	CT-FR-50	Darien 2.8 NW	6.43"
0110000604	Mianus River-Rippowam River	CT-FR-35	Darien 1.8 ENE	6.26"
02030203	Long Island Sound			
0203020300	Long Island Sound	NY-SF-114	Fishers Island 0.5 NE	6.09"

**Accumulated Precipitation (in)**  
February 01, 2018 to February 28, 2018



**“We do not live at the airport”**

Compare your totals, and totals from others, to these local area airports. Our network does not use automated gauges. And we do not live at the airport!

Location	Station ID	February 2018 Precip	Feb departure from normal	Dec-Jan-Feb Precip	3 month departure from normal	Sep-Feb Precip	6 month departure from normal	Mar-Feb Precip	12 month departure from normal
White Plains NY	HPN	5.35"	2.36"	8.26"	-2.83"	16.88"	-7.31"	38.38"	-10.97"
Danbury CT	DXR	4.60"	1.83"	8.44"	-1.79"	17.97"	-5.52"	35.75"	-14.12"
New Haven CT	HVN	5.82"	2.93"	8.82"	-0.87"	18.83"	-3.40"	35.11"	-12.00"
Meriden CT	MMK	5.97"	3.08"	11.55"	1.86"	22.43"	0.20"	42.03"	-5.08"
Hartford CT	HFD	4.94"	2.29"	9.92"	0.77"	21.33"	0.72"	41.76"	-1.84"
Willimantic CT	IJD	4.83"	1.85"	10.35"	-0.33"	21.19"	-2.22"	42.34"	-6.08"
New London CT	GON	1.42"	-1.44"	2.23"	-7.63"	14.65"	-7.38"	35.88"	-10.61"
Westerly RI	WST	6.12"	3.12"	12.32"	2.17"	25.47"	2.96"	47.28"	-0.11"
Newport RI	UUU	5.95"	2.82"	13.49"	2.95"	24.43"	1.66"	47.91"	1.58"
New Bedford MA	EWB	6.40"	2.73"	15.26"	3.69"	26.87"	2.92"	47.36"	-1.00"
Hyannis MA	HYA	6.47"	2.95"	12.56"	0.73"	28.98"	4.69"	56.79"	9.10"
Nantucket MA	ACK	6.76"	4.04"	13.69"	3.56"	31.50"	8.98"	49.47"	5.05"
Marthas Vineyard MA	MVY	7.95"	4.77"	14.74"	4.33"	27.52"	4.30"	51.71"	6.55"
Taunton MA	TAN	5.14"	1.58"	12.34"	0.48"	25.51"	0.54"	47.37"	-2.37"
Plymouth MA	PYM	5.25"	1.65"	13.76"	2.08"	26.07"	1.73"	50.48"	1.33"
Norwood MA	OWD	3.76"	0.51"	10.41"	-0.35"	22.22"	-0.92"	43.70"	-3.36"
Bedford MA	BED	3.13"	0.12"	7.02"	-3.14"	16.17"	-6.06"	40.08"	-5.63"
Beverly MA	BVY	3.89"	0.61"	6.64"	-3.36"	16.22"	-6.35"	37.96"	-8.22"
Lawrence MA	LWM	2.73"	-0.06"	6.24"	-2.55"	16.48"	-3.82"	36.57"	-6.59"
Fitchburg MA	FIT	3.85"	0.85"	8.54"	-1.53"	23.41"	0.96"	48.07"	0.93"
Westfield MA	BAF	4.75"	1.92"	10.13"	0.61"	20.98"	-1.90"	41.20"	-7.19"
North Adams MA	AQW	2.60"	0.03"	7.60"	-1.01"	15.53"	-5.89"	40.15"	-6.46"



## **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.

Station	Name	Feb 2018 Snowfall	All Days Precip	All Days Snowfall	All Days Snow Depth
MA-HS-14	Plainfield 2.4 ESE	19.9"			
MA-HS-7	Plainfield 2.2 SW	17.6"	✓	✓	✓
MA-BE-4	Becket 5.6 SSW	17.5"	✓	✓	✓
MA-WR-54	Barre 1.4 NNE	16.9"			
MA-FR-17	Buckland 1.8 ESE	16.8"	✓	✓	✓
MA-WR-44	Westminster 0.6 WSW	16.6"	✓	✓	✓
MA-FR-13	Conway 2.9 NW	15.7"	✓	✓	✓
CT-LT-20	Warren 2.4 WNW	14.8"			
MA-WR-40	Gardner 1.4 SSW	14.7"			
CT-LT-15	Colebrook 1.0 NE	14.4"	✓		✓
MA-WR-22	Fitchburg 2.0 NNE	14.2"	✓		
MA-HS-8	Williamsburg 1.2 WSW	14.0"	✓	✓	
CT-TL-2	Staffordville 0.4 NNW	13.8"	✓		
MA-WR-56	Sterling 4.3 NW	12.9"	✓		
MA-BE-10	Pittsfield 2.0 NNW	12.8"	✓		
MA-ES-20	Haverhill 0.7 N	12.6"	✓		
MA-HS-2	Westhampton 1.8 SW	12.5"	✓		
MA-MD-47	West Townsend 0.5 W	12.5"	✓	✓	
MA-ES-4	Groveland 0.5 WSW	12.2"	✓	✓	✓
MA-FR-10	Conway 0.9 SW	12.0"	✓	✓	
CT-HR-28	North Canton 0.8 SSW	11.9"			
MA-ES-24	Newburyport 0.8 SW	11.5"			
CT-LT-7	Litchfield 2.3 NNE	11.4"			
MA-MD-81	Wakefield 0.5 NNW	11.1"	✓		
CT-LT-9	New Hartford Center 3.2 SW	11.1"	✓	✓	✓
MA-BE-11	Great Barrington 3.0 N	10.8"			
MA-ES-12	Boxford 2.4 S	10.8"	✓	✓	✓
CT-HR-31	Bristol 2.7 WNW	10.6"			
MA-WR-41	Auburn 2.6 SW	10.4"	✓		
CT-TL-15	Central Somers 0.3 N	10.4"	✓		
MA-FR-8	New Salem 3.1 S	10.2"			
MA-MD-45	Wilmington 1.5 NE	10.0"	✓		
CT-HR-8	North Granby 1.3 ENE	9.9"			
MA-FR-12	Sunderland 1.3 SE	9.8"	✓	✓	✓

February 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.

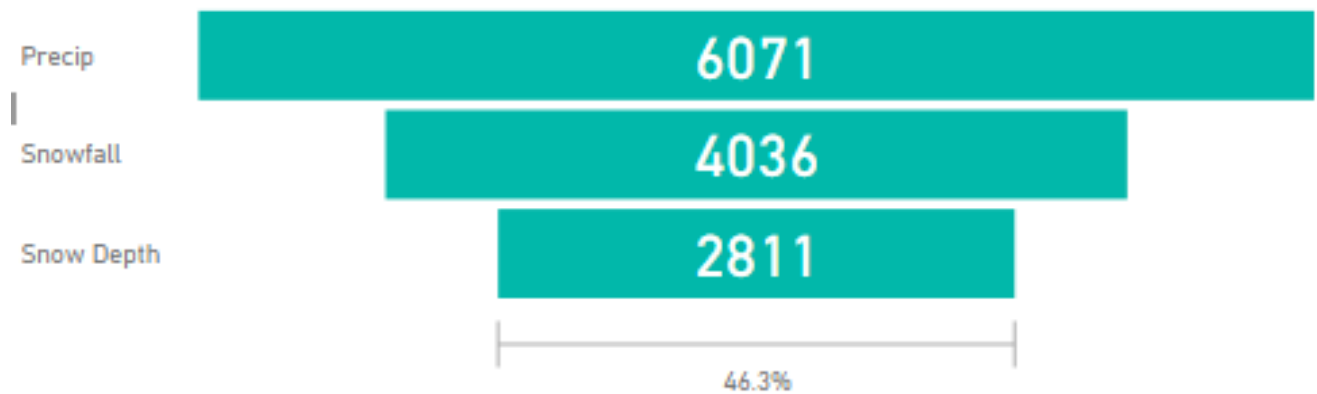
Our average was 219 Daily Reports per day. Easy to tell when Presidents Day, the cold of early February, and Super Bowl Sunday occurred.

## February 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 215	2 216	3 206
4 205	5 225	6 221	7 226	8 229	9 220	10 217
11 220	12 221	13 226	14 231	15 234	16 230	17 215
18 223	19 204	20 222	21 214	22 218	23 216	24 212
25 209	26 215	27 221	28 220			

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

46% of the Daily Reports coming with a non-NA snow depth. With rain and no snow cover, you are encouraged to continue to report snow fall and snow depth, with all of your Daily Reports. Zeros, when accurate, are easy and valuable.



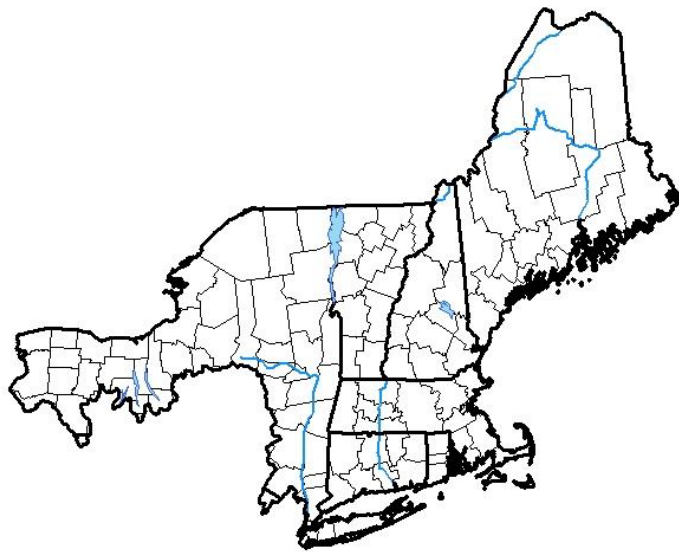
From the Drought Monitor.

Something new from the National Drought Mitigation Center (NDMC).  
 Maps by River Forecast Centers. New York State looks like someone took  
 a bite out of it. The river basins of the Delaware, Susquehanna, and  
 Alleghany are part of neighboring River Forecast Centers.

The recent rains have eliminated any and all representations of drought.  
 Every drop counts and zeros do too!

**U.S. Drought Monitor  
 Northeast RFC**

**February 27, 2018**  
 (Released Thursday, Mar. 1, 2018)  
 Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
<b>Current</b>	100.00	0.00	0.00	0.00	0.00	0.00
<b>Last Week</b> 02-20-2018	100.00	0.00	0.00	0.00	0.00	0.00
<b>3 Months Ago</b> 11-28-2017	95.55	4.45	0.00	0.00	0.00	0.00
<b>Start of Calendar Year</b> 01-02-2018	88.74	11.26	0.00	0.00	0.00	0.00
<b>Start of Water Year</b> 09-26-2017	70.12	22.15	7.74	0.00	0.00	0.00
<b>One Year Ago</b> 02-28-2017	44.68	27.77	15.22	10.96	1.37	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:*

Deborah Bathke  
 National Drought Mitigation Center



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

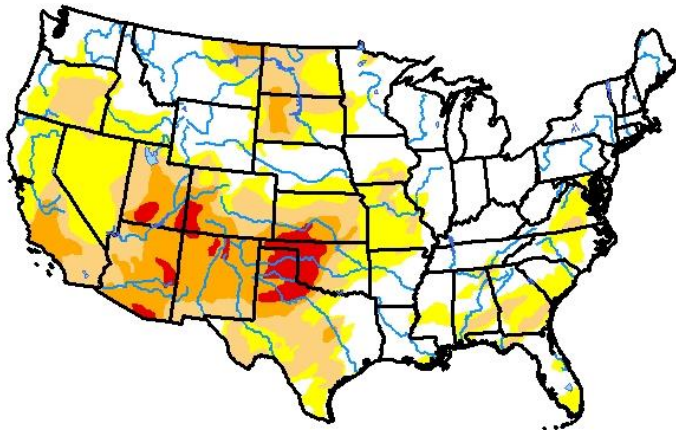
For a viewing explanation on the Drought Monitor, the CoCoRaHS  
 animated video is on [YouTube](#).

More from the Drought Monitor.

Although our local area is drought free, there are other areas of our continental US are not as fortunate.

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

**February 27, 2018**  
(Released Thursday, Mar. 1, 2018)  
Valid 7 a.m. EST



*Drought Conditions (Percent Area)*

	None	D0	D1	D2	D3	D4
<b>Current</b>	45.34	23.36	16.99	11.09	3.22	0.00
<b>Last Week</b> <small>02-20-2018</small>	40.71	22.81	18.72	14.54	3.22	0.00
<b>3 Months Ago</b> <small>11-28-2017</small>	57.34	21.52	16.26	3.85	1.03	0.00
<b>Start of Calendar Year</b> <small>01-02-2018</small>	44.46	27.83	20.24	6.63	0.83	0.00
<b>Start of Water Year</b> <small>09-26-2017</small>	63.07	23.11	8.83	2.63	1.49	0.87
<b>One Year Ago</b> <small>02-28-2017</small>	66.28	19.64	10.40	3.19	0.49	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:*

Deborah Bathke  
National Drought Mitigation Center



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

## **Wrap up**

The first crop of the season is being harvested. Not from our fields of corn or bogs of cranberries, but from our trees. The harvest of sugar within maple sap is ongoing in our three states. Our northeast part of North America is the only place on our planet where it occurs. Taste it. Smell it. Savor it.

We set our clocks ahead one hour for Daylight Saving Time on Sunday March 11. The strange time of the year of seeing a snow covered landscape in the setting sun at 7PM may occur again, as it did last year.

The vernal equinox occurs on Monday March 20<sup>th</sup> at 12:15PM. 12 hours of daylight and darkness for all points on our planet, as we continue our transition to summer. As the days get longer the storms get stronger.

Next month, we start our anniversary series among our three states. Rhode Island leads off next month, 10 years in the network this year.

SkyWarn classes are starting this spring. CoCoRaHS observers are at an advantage in the SkyWarn community. We have rain gauges and rulers and we know why we use them! It is not a requirement, however, it is recommended to attend a SkyWarn session at some point. Learn about wind related hazards, more about your local NWS Forecast Office, and SkyWarn's reporting criteria. Please look at your local NWS Forecast Office's website for dates and times. BOX has their [schedule](#) available. More dates to follow. The other two offices should have their schedule posted soon.

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