



United States Department of Agriculture
National Agricultural Statistics Service



Crop Progress & Condition

New
England



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Week ending April 8, 2018

*Issued weekly on the internet, April - November
by the Northeastern Regional Field Office of NASS*

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Poor week for field work: New England averaged 2 days suitable for field work last week. Colder temperatures persisted throughout the week with many areas receiving snow for the first week in April. Snowfall throughout the week has been melting during the day when temperatures were above freezing; however, at night the melted snow would freeze and create morning frost in most fields. Regional weekly temperature ranged from 11 degrees to 1 degree below normal. Weekly precipitation ranged from 0.06 to 6.06 inches throughout the region. Maple harvest is mostly complete and many reports indicate that this has been an exceptional season for our maple producers; the yield of sap seems to have made up for lower sugar content this year. Farmers are eager to begin tilling and spreading manure, but the muddy fields and frost ridden mornings are delaying field preparation for most. Greenhouse operators have kept busy with transplanting and new seedling. Orchardists are almost ready to apply protective sprays on fruit trees. Field activities for the week included wrapping up the maple harvest, pruning fruits, preparing to spread manure on fields, and equipment repair and maintenance.

Soil Moisture for Week Ending April 8, 2018 (in percent)

Item	Very Short	Short	Adequate	Surplus
TOPSOIL	0	0	61	39
SUBSOIL	0	0	83	17

For a complete nationwide weekly weather and crop bulletin, please visit www.usda.gov/oc/weather and click on [“Weekly Weather and Crop Bulletin.”](#)

April 8, 2018 New England Weekly Weather Summary

		Last Week Weather Summary						Accumulation Since April 1, 2018					
		Temperature				Precipitation		Precipitation			GDD Base 50F		Base 40F
State	Station	Hi	Lo	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total
Maine	AUGUSTA STATE A	46	19	34	-6	0.69	3	0.69	-0.31	3	0	0	6
	BANGOR INTERNAT	46	18	34	-4	0.86	3	0.86	-0.10	3	0	0	4
	BETHEL 6 SSE	51	15	32	-5	0.20	3	0.20	-1.47	3	0	-2	0
	BRIDGTON 3 NW	54	16	32	-5	0.70	3	0.70	-0.62	3	0	0	0
	CARIBOU WFO	41	9	29	-5	1.18	4	1.18	+0.50	4	0	0	0
	DOVER-FOXCROFT	49	9	29	-6	0.94	3	0.94	-0.07	3	0	0	0
	DURHAM	57	17	33	-5	0.68	3	0.68	-0.56	3	0	0	4
	EAST SURRY	46	17	33	-5	1.10	5	1.10	-0.11	5	0	0	0
	EUSTIS	47	7	26	-7	0.56	2	0.56	-0.30	2	0	0	0
	FRENCHVILLE NOR	39	8	27	-5	0.78	4	0.78	+0.09	4	0	0	0
	HARMONY	51	8	31	-6	0.79	3	0.79	-0.44	3	0	-1	2
	HOLLIS	54	16	32	-5	0.88	4	0.88	-0.46	4	0	0	2
	HOULTON AIRPORT	44	13	30	-4	1.08	3	1.08	+0.09	3	0	0	0
	LIVERMORE FALLS	51	12	32	-5	0.35	2	0.35	-1.12	2	0	-1	1
	MILLINOCKET MUN	46	10	31	-5	0.87	3	0.87	-0.16	3	0	0	0
	MOOSEHEAD	46	6	25	-7	0.79	3	0.79	-0.11	3	0	0	0
	PORTLAND JETPOR	46	24	36	-4	1.12	4	1.12	-0.05	4	0	0	8
	RANGELEY	43	3	24	-8	0.06	2	0.07	-0.85	3	0	0	0
	TOPSFIELD 2	49	12	31	-5	1.37	5	1.37	+0.38	5	0	0	0
	TURNER	53	19	33	-6	0.77	3	0.77	-0.35	3	0	0	0
	WEST ROCKPORT 1	53	19	34	-5	1.21	3	1.21	-0.09	3	0	0	2
	WHITING	51	19	35	-2	6.06	3	6.06	+4.87	3	0	0	4
	WOODLAND	53	23	36	-1	0.23	2	0.23	-0.79	2	0	0	6
New Hampshire	BERLIN	48	14	31	-6	0.39	3	0.39	-0.47	3	0	0	0
	BRADFORD 2	47	17	31	-7	0.88	3	0.88	-0.78	3	0	-3	2
	COLEBROOK 3SW	46	7	27	-8	0.75	3	0.76	+0.06	4	0	0	0
	CONCORD MUNICIPAL	47	19	35	-6	0.76	4	0.76	-0.15	4	0	-8	7
	EAST MILFORD	54	18	36	-6	1.03	4	1.03	-0.42	4	0	0	10
	EPPING	55	19	36	-5	0.89	3	0.89	-0.31	3	0	-8	10
	ERROL AIRPORT	46	6	26	-8	0.79	4	0.79	-0.04	4	0	0	0
	GREENVILLE 1 NN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	HANCOCK	52	17	36	-4	0.53	1	0.53	-1.07	1	0	-6	0
	JAFFREY SILVER	50	19	33	-6	0.58	4	0.58	-0.78	4	0	-1	6
	JEFFERSON	48	16	31	-6	0.51	3	0.51	-0.30	3	0	0	0
	KEENE	49	16	33	-8	0.88	3	0.88	+0.00	3	0	-6	2
	LAKEPORT 2	52	22	36	-4	0.72	3	0.72	-0.26	3	0	-1	8
	LEBANON MUNICIPAL	48	18	34	-7	0.46	3	0.46	-0.36	3	0	-6	6
	NORTH CONWAY	54	15	33	-4	0.83	3	0.83	-0.32	3	0	0	6
	TAMWORTH 4	51	15	30	-8	0.87	3	0.87	-0.43	3	0	0	0
	WOLFEBORO	53	19	35	-3	0.71	4	0.71	-0.59	4	0	0	6
Vermont	AVERILL	44	2	25	-11	0.42	3	0.42	-0.29	3	0	0	0
	BARRE MONTPELIE	44	18	31	-7	0.63	3	0.63	-0.04	3	0	0	0
	BENNINGTON MORS	54	18	34	-7	0.87	5	0.87	-0.13	5	0	-8	6
	BURLINGTON WSO	49	23	34	-6	0.50	3	0.50	-0.20	3	0	-8	2
	CORINTH	47	10	29	-6	0.69	3	0.69	-0.53	3	0	0	0
	JOHNSON	46	14	29	-6	1.18	3	1.18	+0.20	3	0	0	0
	MARLBORO RAWS	46	16	31	-11	1.22	4	1.22	+0.18	4	0	-8	0
	NEWPORT	48	14	29	-7	1.34	3	1.35	+0.64	4	0	0	0

		Last Week Weather Summary						Accumulation Since April 1, 2018					
		Temperature				Precipitation		Precipitation			GDD Base 50F		Base 40F
State	Station	Hi	Lo	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total
	ROCHESTER	48	16	30	-8	1.14	3	1.14	+0.17	3	0	0	0
	RUTLAND	48	17	33	-6	0.48	3	0.48	-0.28	3	0	-6	0
	SAINT JOHNSBURY	49	12	32	-7	0.49	4	0.49	-0.23	4	0	-2	4
	SOUTH LINCOLN	49	7	27	-9	0.67	3	0.67	-0.26	3	0	0	0
	SPRINGFIELD HAR	46	17	33	-7	0.60	3	0.60	-0.57	3	0	-1	1
	SUTTON	44	11	27	-6	0.86	4	0.86	+0.14	4	0	0	0
	WOODSTOCK	48	15	32	-7	0.59	3	0.59	-0.37	3	0	-1	4
Massachusetts	AMHERST	51	20	34	-8	0.99	4	0.99	+0.00	4	0	-8	8
	BARRE FALLS DAM	56	25	39	-1	1.15	3	1.15	+0.07	3	0	0	12
	BEDFORD HANSCOM	48	26	37	-8	0.99	4	0.99	-0.47	4	0	-8	12
	BEVERLY MUNICIPAL	58	25	38	-4	0.93	4	0.93	-0.63	4	0	-7	21
	BIRCH HILL DAM	50	24	36	-3	0.89	4	0.89	-0.18	4	0	0	4
	BOSTON/LOGAN IN	58	29	39	-5	0.81	3	0.81	-0.28	3	0	-8	23
	CHATHAM MUNICIPAL	56	29	41	-2	1.21	5	1.21	-0.33	5	0	0	22
	CHICOPEE WESTOV	48	18	35	-7	1.32	5	1.32	+0.06	5	0	-8	8
	EAST BRIMFIELD	56	27	38	-4	1.03	4	1.03	-0.16	4	0	-8	8
	EDGARTOWN	57	25	40	-4	1.00	4	1.00	-0.25	4	0	-3	18
	FITCHBURG MUNICIPAL	59	23	38	-5	1.14	4	1.14	-0.28	4	0	-8	21
	GREENFIELD NO.	51	21	35	-7	0.50	5	0.50	-0.87	5	0	-7	4
	HYANNIS BARNSTA	49	24	39	-3	1.07	4	1.07	-0.40	4	0	0	17
	LAWRENCE	56	26	38	-6	0.98	4	0.98	-0.19	4	0	-8	16
	LENOX DALE	45	25	34	-6	0.55	3	0.55	-0.64	3	0	-7	0
	LOWELL	57	22	38	-4	1.26	5	1.26	+0.12	5	0	-8	15
	NEW BEDFORD MUN	54	25	39	-4	0.92	5	0.92	-0.71	5	0	-8	22
	NORTH ADAMS HAR	52	18	33	-8	0.90	5	0.90	-0.36	5	0	-8	6
	NORWOOD MEMORIA	59	24	40	-3	1.00	4	1.00	-0.41	4	1	-3	28
	PITTSFIELD MUNI	50	19	32	-7	1.03	5	1.03	-0.25	5	0	-4	2
	PLYMOUTH MUNICIPAL	56	26	40	-2	0.92	4	0.92	-0.64	4	0	-8	26
	TAUNTON MUNICIPAL	55	22	40	-3	0.92	4	0.92	-0.93	4	0	-8	16
	WESTFIELD BARNE	49	18	36	-7	0.95	5	0.95	-0.31	5	0	-8	9
	WORCESTER	54	22	33	-9	1.37	5	1.37	+0.22	5	0	-8	7
	WORTHINGTON	51	16	31	-8	1.19	5	1.19	-0.10	5	0	-1	0
Rhode Island	NEWPORT STATE A	52	26	39	-5	0.82	5	0.82	-0.85	5	0	-7	12
	PROVIDENCE	57	26	40	-5	1.05	5	1.05	-0.23	5	0	-8	25
	WESTERLY STATE	51	25	41	-2	0.91	5	0.91	-0.72	5	0	-2	19
	WOONSOCKET	61	24	38	-6	0.96	4	0.96	-0.39	4	0	-8	16
Connecticut	BRIDGEPORT/SIKO	54	28	40	-6	1.09	5	1.10	-0.02	6	0	-8	26
	BURLINGTON	56	26	37	-6	0.70	3	0.70	-0.53	3	0	-8	11
	DANBURY MUNICIPAL	53	24	36	-8	0.92	5	0.92	-0.34	5	0	-8	12
	HARTFORD-BRADLE	52	24	37	-9	1.14	5	1.14	+0.14	5	0	-12	14
	MERIDEN MARKHAM	55	21	37	-8	1.21	5	1.22	-0.04	6	0	-10	17
	NORFOLK 2 SW	49	18	32	-8	1.11	5	1.11	-0.10	5	0	-8	0
	NORWICH PUB UTI	58	26	39	-6	1.13	5	1.13	-0.35	5	0	-8	18
	STAFFORDVILLE	55	19	34	-8	1.24	4	1.24	-0.13	4	0	-8	5
	WEST THOMPSON L	57	21	35	-7	1.18	4	1.18	-0.14	4	0	-8	11
	WILLIMANTIC WIN	57	21	38	-5	1.00	5	1.00	-0.53	5	0	-8	21

Summary based on NOAA Regional Climate Centers (RCCs) data. DFN = departure from normal.

Precipitation (rain or melted snow/ice) in inches. Air temperature in degrees Fahrenheit. Climate normals used are for the 1981-2010 period.

REPORTERS COMMENTS, By County

Reporters are from Extension Service (Ext), Natural Resources Conservation Service (NRCS), Farm Service Agency (FSA), Conservation District (CD), farmers, commodity specialists, or other knowledgeable individuals.

CONNECTICUT

LITCHFIELD, Richard Meinert

Snow, mud and cold temps are keeping farm work to manure spreading, if one can find a field that can take the equipment traffic.

MAINE

AROOSTOOK (Central), Larry James

Fields are completely covered with snow. It doesn't look like temperatures for the week are going to be much help getting rid of it anytime soon. Potato and grain movement has been strong so far.

CUMBERLAND/YORK, Sandy Truslow

Colder than normal temperatures are continuing, despite the high sun angle. Greenhouses have started plants. A few places have started tillage. Maple syrup season has ended.

FRANKLIN, Gary J. Raymond

This was the best sap season in memory, in this area. Wet snow fell on Friday night, but was gone by Sunday. There is still some snow pack and a lot of mud with temperatures going below freezing every night.

WASHINGTON, Audre Hayward

Below average temperatures.

MASSACHUSETTS

ALL MA COUNTIES, Tom Smiarowski

Cold temperatures and snow showers at the end of the week curtailed field activities.

BARNSTABLE/BRISTOL/DUKES/NANTUCKET/PLYMOUTH
H, Dr. Peter Jeranyama

Cranberry buds are still tight. This year we will try and use the Growing Degree Day Model (GDD) to predict the phenological stages of bud and crop development. This has been used very extensively in other crops such as alfalfa, corn, apples etc. We use either a 41F or 44F as a base. As of today based on the 44F base, we have accumulated 85 GDD and based on 41F as of March 1, we reached the 100GDD mark where we start monitoring bud development to make decision on frost protection. It looks like based on the 44F base, we should reach it mid next week and that will start the spring frost monitoring in essence.

PLYMOUTH, Steve Ward

Cool temperatures continue to hold back cranberry plant development. Water levels are just starting to drop to help with soil saturation.

NEW HAMPSHIRE

CARROLL, Olivia Saunders

Snow still melting off fields. Happens quickly on sunny days, but slowed by low evening temperatures. Been a great maple season, so much sap that some trees have given all they've got to give. Tomatoes getting planted in heated tunnels.

CHESHIRE, Carl Majewski

Cooler-than-normal temps and a little snow over the week, conditions are still too wet and/or frozen for field work. Vegetable operations and greenhouses continue with seeding in high tunnels, etc.

GRAFTON, Heather Bryant

The ground is still frozen and we had two light snow events this past week.

GRAFTON, Steven Schmidt

Snow still covers the northern slopes and north facing fields. With morning temperatures well below freezing most mornings, frost is still in the ground. Afternoon temperatures have frequently been warmer, giving Maple sugar producers an outstanding production year. Farmers are going over their equipment and preparing for spring field work. Some are field stacking manure in preparation for spreading.

HILLSBOROUGH, George Hamilton

Getting equipment repair and purchasing supplies for spring work and the new growing season. Greenhouse operations are busy starting to plant seeds and raising transplants. Pruning apple trees, peach trees, grape vines, blueberry bushes and raspberry patches. Orchardists are getting ready to apply oil and/or protective sprays.

ROCKINGHAM, Nada Haddad

Winter forward! Spring backward! It was wild week with the weather. We saw snow, some gusty winds and power outages in some areas. Rain all day and cold on Wednesday 4/4/18. Fields are wet. Planting peas in the field. Pruning blueberries, apples. Starting vegetables in greenhouses.

SULLIVAN, Jennifer Z. Gehly

It was a variable week in Sullivan County with snow flurries, rain, sleet, sun and wind. Winds were very strong during the overnight hours on Wednesday and continued through Thursday. Peak wind gusts were as high as 47 to 67 MPH. Downed trees and power outages were numerous. Below freezing overnight lows during the week allowed many maple producers to prolong the season however the season has most likely come to an end given that a warmer temperatures are predicted mid-next week.

RHODE ISLAND

ALL RI COUNTIES, Heather Faubert

Cold and cloudy. One warm day of 55.

VERMONT

BENNINGTON/RUTLAND, Tina Williams

Warmer weather has farmers itching to get in the fields but the ground is still frozen in some areas and the weather isn't supposed to break for another week or two to be conducive to plant crops. Maple sap runs are coming to an end.

FRANKLIN, Paul Stanley

Cool temps are persisting in Franklin County Vermont this week. Some maple activity, however, limited to little thawing temperatures during the day. Good weather conditions for frost seeding so get the spinner out and spruce up the grass stands.

LAMOILLE, Heather Mateja

Some Manure spreading has started, but some ground is still snow covered and frozen.



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The banner features a central illustration of a rural landscape with a red barn, a wooden fence, and a person working in a field. The left side has an orange background with the census title and logos. The right side has a dark brown background with the call to action text.