



United States Department of Agriculture
National Agricultural Statistics Service



New
England



Crop Progress & Condition

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Week ending April 22, 2018

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

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Released April 23, 2018

Poor week for field work: New England averaged 2 days suitable for field work last week. Cold temperatures and wet weather delayed most field activity last week with reports of rain, snow, ice, and sleet in most areas. Regional weekly temperature ranged from 14 degrees to 2 degrees below normal. Weekly precipitation ranged from 0.03 to 3.74 inches throughout the region. The cool, wet conditions delayed most field activity for New England farm operations, as the soil wasn't suitable for tillage until the weekend. Operations that were able to get into their fields began spreading fertilizer on hay. Orchardists kept busy by spraying protective fungicides, clearing brush and pruning trees. Greenhouse operators continued transplanting fruits and vegetables as their progression is moving along at a better rate. Field activities for the week included manure spreading, protecting crops from weather damage, and equipment repair and maintenance.

Soil Moisture for Week Ending April 22, 2018 (in percent)

| Item | Very Short | Short | Adequate | Surplus |
|---------|------------|-------|----------|---------|
| TOPSOIL | 0 | 0 | 49 | 51 |
| SUBSOIL | 0 | 0 | 78 | 22 |

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 22, 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 | 53 | 29 | 41 | -5 | 1.38 | 4 | 2.52 | -0.24 | 11 | 0 | -10 | 31 |
| | BANGOR INTERNAT | 51 | 30 | 40 | -4 | 1.10 | 5 | 2.79 | +0.12 | 11 | 0 | -6 | 28 |
| | BETHEL 6 SSE | 53 | 23 | 36 | -10 | 0.82 | 2 | 1.53 | -2.39 | 8 | 0 | -16 | 10 |
| | BRIDGTON 3 NW | 54 | 24 | 36 | -7 | 0.99 | 4 | 1.92 | -1.37 | 12 | 0 | -8 | 8 |
| | CARIBOU WFO | 47 | 25 | 36 | -5 | 1.35 | 5 | 2.69 | +0.74 | 11 | 0 | 0 | 1 |
| | DOVER-FOXCROFT | 51 | 24 | 38 | -4 | 1.13 | 4 | 2.33 | -0.42 | 8 | 0 | -1 | 3 |
| | DURHAM | 54 | 25 | 37 | -6 | 2.29 | 6 | 3.19 | -0.13 | 11 | 0 | -7 | 13 |
| | EAST SURRY | 58 | 28 | 40 | -3 | 1.99 | 4 | 3.47 | +0.31 | 12 | 0 | -1 | 17 |
| | EUSTIS | 47 | 20 | 33 | -5 | 0.77 | 3 | 1.72 | -0.68 | 7 | 0 | 0 | 0 |
| | FRENCHVILLE NOR | 45 | 23 | 35 | -4 | 0.74 | 5 | 1.63 | -0.44 | 11 | 0 | 0 | 0 |
| | HARMONY | 54 | 25 | 38 | -5 | 1.18 | 4 | 2.15 | -0.68 | 8 | 0 | -8 | 13 |
| | HOLLIS | 55 | 25 | 37 | -7 | 3.06 | 4 | 4.24 | +0.56 | 10 | 0 | -10 | 10 |
| | HOULTON AIRPORT | 47 | 28 | 36 | -5 | 0.79 | 4 | 2.17 | -0.63 | 9 | 0 | 0 | 0 |
| | LIVERMORE FALLS | 52 | 23 | 37 | -8 | 0.33 | 2 | 1.02 | -2.40 | 6 | 0 | -11 | 9 |
| | MILLINOCKET MUN | 52 | 29 | 38 | -5 | 1.09 | 4 | 2.39 | -0.29 | 9 | 0 | -2 | 7 |
| | MOOSEHEAD | 45 | 20 | 34 | -5 | 0.85 | 3 | 1.89 | -0.73 | 7 | 0 | 0 | 0 |
| | PORTLAND JETPOR | 56 | 31 | 42 | -3 | 2.48 | 3 | 4.05 | +0.88 | 10 | 1 | -10 | 47 |
| | RANGELEY | 46 | 19 | 32 | -7 | 0.74 | 5 | 1.12 | -1.38 | 14 | 0 | 0 | 0 |
| | TOPSFIELD 2 | 55 | 19 | 38 | -5 | 1.00 | 4 | 3.03 | +0.13 | 11 | 0 | 0 | 8 |
| | TURNER | 52 | 25 | 37 | -8 | 2.06 | 3 | 3.15 | -0.01 | 9 | 0 | -14 | 14 |
| | WEST ROCKPORT 1 | 51 | 26 | 39 | -5 | 3.63 | 4 | 5.14 | +1.49 | 8 | 0 | -5 | 17 |
| | WHITING | 50 | 31 | 38 | -5 | 1.06 | 1 | 7.56 | +4.40 | 6 | 0 | 0 | 14 |
| | WOODLAND | 54 | 26 | 38 | -5 | 0.56 | 2 | 1.15 | -1.59 | 5 | 0 | -2 | 12 |
| New Hampshire | BERLIN | 48 | 23 | 32 | -11 | 1.59 | 5 | 2.90 | +0.45 | 11 | 0 | -9 | 8 |
| | BRADFORD 2 | 54 | 24 | 36 | -11 | 2.00 | 2 | 3.04 | -0.40 | 6 | 0 | -19 | 10 |
| | COLEBROOK 3SW | 47 | 20 | 31 | -9 | 0.03 | 1 | 0.90 | -1.00 | 6 | 0 | -5 | 0 |
| | CONCORD MUNICIP | 58 | 28 | 40 | -7 | 2.13 | 3 | 3.31 | +0.81 | 11 | 0 | -27 | 30 |
| | EAST MILFORD | 58 | 28 | 39 | -8 | 2.35 | 3 | 3.48 | +0.25 | 8 | 5 | -4 | 37 |
| | EPPING | 58 | 26 | 40 | -7 | 2.62 | 4 | 3.80 | +0.49 | 10 | 2 | -26 | 38 |
| | ERROL AIRPORT | 46 | 22 | 32 | -7 | 0.85 | 4 | 2.50 | +0.24 | 12 | 0 | 0 | 0 |
| | GREENVILLE 1 NN | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | HANCOCK | 64 | 25 | 38 | -7 | 1.09 | 1 | 1.77 | -1.48 | 3 | 0 | -23 | 8 |
| | JAFFREY SILVER | 54 | 28 | 38 | -7 | 1.32 | 3 | 2.04 | -1.25 | 9 | 4 | -16 | 30 |
| | JEFFERSON | 48 | 21 | 34 | -9 | 1.54 | 6 | 2.92 | +0.65 | 13 | 0 | -11 | 4 |
| | KEENE | 58 | 22 | 37 | -10 | 1.28 | 3 | 2.28 | -0.18 | 7 | 0 | -25 | 12 |
| | LAKEPORT 2 | 55 | 25 | 38 | -9 | 2.21 | 3 | 3.39 | +0.66 | 8 | 0 | -18 | 25 |
| | LEBANON MUNICIP | 59 | 23 | 39 | -7 | 1.02 | 3 | 2.35 | +0.17 | 10 | 0 | -25 | 17 |
| | NORTH CONWAY | 54 | 26 | 36 | -7 | 2.24 | 3 | 3.48 | +0.28 | 9 | 2 | -8 | 18 |
| | TAMWORTH 4 | 53 | 23 | 35 | -9 | 2.55 | 3 | 3.88 | +0.38 | 9 | 0 | -13 | 9 |
| | WOLFEBORO | 56 | 26 | 38 | -6 | 2.05 | 3 | 2.85 | -0.65 | 9 | 0 | -13 | 22 |
| Vermont | AVERILL | 44 | 20 | 31 | -12 | 0.81 | 3 | 1.85 | -0.18 | 10 | 0 | -9 | 0 |
| | BARRE MONTPELIE | 49 | 26 | 34 | -10 | 0.98 | 5 | 3.53 | +1.61 | 13 | 0 | -15 | 5 |
| | BENNINGTON MORS | 57 | 26 | 38 | -9 | 0.63 | 3 | 1.89 | -0.55 | 11 | 4 | -30 | 28 |
| | BURLINGTON WSO | 55 | 31 | 40 | -7 | 0.92 | 5 | 2.99 | +0.96 | 13 | 0 | -29 | 19 |
| | CORINTH | 48 | 24 | 34 | -9 | 1.24 | 4 | 3.01 | +0.21 | 11 | 0 | -2 | 2 |
| | JOHNSON | 40 | 19 | 32 | -11 | 0.87 | 5 | 3.65 | +1.14 | 12 | 0 | -12 | 0 |
| | MARLBORO RAWS | 46 | 23 | 34 | -14 | 2.33 | 2 | 3.90 | +1.00 | 8 | 0 | -29 | 10 |
| | NEWPORT | 50 | 23 | 34 | -9 | 0.78 | 4 | 3.27 | +1.24 | 13 | 0 | -9 | 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 | 53 | 22 | 34 | -10 | 1.15 | 3 | 3.01 | +0.29 | 8 | 0 | -12 | 5 |
| | RUTLAND | 55 | 22 | 36 | -10 | 0.90 | 4 | 1.97 | -0.12 | 12 | 0 | -25 | 8 |
| | SAINT JOHNSBURY | 56 | 23 | 38 | -8 | 0.76 | 4 | 2.70 | +0.64 | 12 | 0 | -20 | 10 |
| | SOUTH LINCOLN | 42 | 21 | 31 | -12 | 0.34 | 3 | 2.20 | -0.49 | 11 | 0 | -15 | 0 |
| | SPRINGFIELD HAR | 55 | 25 | 37 | -9 | 1.56 | 4 | 2.66 | -0.14 | 10 | 0 | -18 | 12 |
| | SUTTON | 46 | 21 | 32 | -9 | 1.02 | 6 | 3.21 | +1.25 | 16 | 0 | -2 | 0 |
| | WOODSTOCK | 56 | 24 | 36 | -9 | 1.61 | 2 | 2.89 | +0.36 | 8 | 0 | -19 | 10 |
| Massachusetts | AMHERST | 59 | 25 | 39 | -9 | 1.87 | 4 | 2.86 | +0.05 | 8 | 4 | -26 | 38 |
| | BARRE FALLS DAM | 63 | 26 | 40 | -5 | 1.88 | 4 | 3.65 | +0.69 | 9 | 0 | -14 | 24 |
| | BEDFORD HANSCOM | 59 | 30 | 42 | -7 | 2.89 | 3 | 4.17 | +0.86 | 9 | 8 | -34 | 66 |
| | BEVERLY MUNICIPAL | 59 | 33 | 44 | -3 | 2.03 | 3 | 3.31 | -0.26 | 10 | 7 | -21 | 81 |
| | BIRCH HILL DAM | 57 | 25 | 37 | -8 | 1.60 | 3 | 3.15 | +0.26 | 10 | 6 | -12 | 25 |
| | BOSTON/LOGAN IN | 59 | 33 | 45 | -5 | 1.84 | 3 | 2.81 | -0.03 | 9 | 6 | -31 | 89 |
| | CHATHAM MUNICIPAL | 53 | 36 | 44 | -2 | 0.98 | 4 | 2.43 | -1.08 | 14 | 0 | -7 | 78 |
| | CHICOPEE WESTOV | 60 | 26 | 40 | -8 | 1.66 | 2 | 3.04 | -0.28 | 8 | 10 | -30 | 52 |
| | EAST BRIMFIELD | 48 | 30 | 37 | -10 | 3.49 | 5 | 4.86 | +1.59 | 13 | 7 | -24 | 36 |
| | EDGARTOWN | NA | NA | NA | NA | NA | NA | 1.05 | -2.20 | 4 | 0 | -19 | 18 |
| | FITCHBURG MUNICIPAL | 61 | 32 | 43 | -6 | 2.60 | 3 | 4.39 | +1.09 | 12 | 10 | -28 | 86 |
| | GREENFIELD NO. | 60 | 28 | 42 | -6 | 2.03 | 3 | 2.60 | -0.86 | 9 | 6 | -22 | 44 |
| | HYANNIS BARNSTA | 55 | 35 | 43 | -4 | 0.81 | 3 | 1.97 | -1.57 | 10 | 0 | -14 | 68 |
| | LAWRENCE | 57 | 31 | 42 | -7 | 2.75 | 3 | 3.88 | +0.64 | 9 | 7 | -30 | 63 |
| | LENOX DALE | NA | NA | NA | NA | NA | NA | 0.73 | -2.27 | 6 | 3 | -23 | 14 |
| | LOWELL | 61 | 31 | 42 | -6 | 2.56 | 3 | 3.96 | +0.90 | 9 | 6 | -28 | 68 |
| | NEW BEDFORD MUN | 59 | 34 | 43 | -5 | 1.48 | 4 | 2.48 | -1.19 | 12 | 1 | -27 | 74 |
| | NORTH ADAMS HAR | 56 | 25 | 36 | -11 | 0.98 | 5 | 2.35 | -0.65 | 13 | 4 | -26 | 26 |
| | NORWOOD MEMORIA | 61 | 35 | 45 | -3 | 3.03 | 3 | 4.33 | +0.94 | 10 | 10 | -20 | 114 |
| | PITTSFIELD MUNI | 54 | 29 | 37 | -9 | 1.14 | 4 | 2.58 | -0.48 | 14 | 6 | -17 | 33 |
| | PLYMOUTH MUNICIPAL | 61 | 35 | 44 | -3 | 1.80 | 3 | 2.85 | -0.83 | 10 | 4 | -20 | 90 |
| | TAUNTON MUNICIPAL | 60 | 33 | 44 | -4 | 2.32 | 3 | 3.34 | -0.52 | 10 | 5 | -26 | 74 |
| | WESTFIELD BARNE | 59 | 27 | 41 | -8 | 2.31 | 3 | 3.73 | +0.41 | 13 | 8 | -32 | 56 |
| | WORCESTER | 58 | 27 | 39 | -8 | 2.53 | 3 | 4.36 | +1.28 | 13 | 4 | -28 | 41 |
| | WORTHINGTON | 58 | 25 | 35 | -10 | 2.43 | 5 | 3.80 | +0.39 | 13 | 2 | -14 | 20 |
| Rhode Island | NEWPORT STATE A | 57 | 34 | 44 | -5 | 1.29 | 3 | 2.16 | -1.59 | 11 | 2 | -24 | 72 |
| | PROVIDENCE | 61 | 33 | 45 | -5 | 2.46 | 4 | 3.58 | +0.26 | 12 | 6 | -34 | 105 |
| | WESTERLY STATE | 55 | 35 | 45 | -3 | 1.40 | 3 | 2.33 | -1.40 | 10 | 9 | -11 | 98 |
| | WOONSOCKET | 61 | 30 | 43 | -6 | 2.61 | 4 | 3.61 | +0.02 | 9 | 6 | -32 | 76 |
| Connecticut | BRIDGEPORT/SIKO | 62 | 35 | 45 | -5 | 2.94 | 4 | 4.55 | +1.46 | 13 | 16 | -22 | 113 |
| | BURLINGTON | 59 | 32 | 39 | -10 | 2.19 | 2 | 3.03 | -0.31 | 5 | 0 | -35 | 11 |
| | DANBURY MUNICIPAL | 58 | 27 | 41 | -8 | 2.82 | 4 | 3.95 | +0.72 | 14 | 24 | -16 | 78 |
| | HARTFORD-BRADLE | 60 | 31 | 42 | -9 | 2.69 | 4 | 4.39 | +1.67 | 14 | 18 | -34 | 80 |
| | MERIDEN MARKHAM | 60 | 29 | 42 | -8 | 3.74 | 3 | 5.58 | +2.79 | 14 | 16 | -34 | 86 |
| | NORFOLK 2 SW | 53 | 27 | 35 | -11 | 2.07 | 5 | 3.30 | +0.05 | 13 | 6 | -20 | 28 |
| | NORWICH PUB UTI | 60 | 34 | 44 | -6 | 2.62 | 5 | 3.77 | -0.07 | 11 | 13 | -24 | 88 |
| | STAFFORDVILLE | 57 | 27 | 38 | -10 | 2.73 | 4 | 4.07 | +0.61 | 10 | 0 | -25 | 28 |
| | WEST THOMPSON L | 57 | 29 | 40 | -8 | 2.46 | 4 | 3.71 | +0.14 | 10 | 5 | -25 | 48 |
| | WILLIMANTIC WIN | 60 | 31 | 44 | -5 | 2.83 | 4 | 4.02 | +0.42 | 14 | 13 | -24 | 95 |

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

Spreading manure is picking up as fields finally begin to dry.

MAINE

AROOSTOOK (Central), Larry James

Most fields are still snow covered. Looks like a late start at this point.

CUMBERLAND/YORK, Sandy Truslow

The week started with snow/freezing rain and ended with 60 degree temperatures on Sunday. Hopefully, spring has arrived for real. Upland soils are drying out.

FRANKLIN, Gary J. Raymond

Things are still brown here. There is lots of snow in the woods and on field edges. Temperatures are still dropping to freezing every night. Some manure is being spread.

MASSACHUSETTS

ALL MA COUNTIES, Tom Smiarowski

Cool, wet conditions improved as the week went along. Planting of a variety of crops, notably sweet corn under plastic and potatoes.

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

We have in essence entered the cranberry spring frost protection season. A few growers experienced temperatures of 13F on their bogs this past weekend and of necessity had to run their sprinklers to protect against frost damage. As of today the tolerance levels are 20F for Stevens and Early Black; 18F for Howes; 22F for Ben Lear and the Rutgers hybrids. Remember to check the phenological stage of development for the buds on your particular bogs. The numbers above are for Wareham.

PLYMOUTH, Steve Ward

Having had such cool temperatures in this early season, cranberry growers are expecting plant development to move very quickly, as temperature start to rise over the next week. Some of the hybrid varieties and bogs that had been sanded over the winter have already started to advance. As a result, some growers have already started to protect from frost on bogs with these conditions

NEW HAMPSHIRE

CARROLL, Olivia Saunders

Farm fields have now melted out, but are still too wet to work. Growers are busy in their covered structures and seeding houses. Heated tunnels have been transplanted to tomatoes. Lots of soil prep happening in tunnels. Two inches of cold sleet and snow early in the week pushed back spring conditions by at least another week.

CHESHIRE, Carl Majewski

More cold and rainy weather, with the sun finally making an appearance over the weekend. Some forage seeding going in, and more manure being spread on corn ground. Some transplanting of early crops just starting on warmer sites

COOS, Steve Turaj

Fields remain cold and wet; most snow now off although lots to melt in hills. CT River is below typical spring flood levels. A little maple syrup still being made. Orchards finishing up pruning activities.

GRAFTON, Heather Bryant

This past week saw several light snows which would accumulate up to an inch or more, then melt later in the day. Some farms also began spreading manure.

HILLSBOROUGH, George Hamilton

Field Crops: Liming and fertilizing hayfields. Spreading manure and getting equipment ready for the spring rush. Fixing pasture fences. Vegetables: early season vegetables (peas, lettuce, greens) are being planted. Liming, fertilizing, plowing, disking (fields that are not too wet to work) and getting ready to plant fields. Fruits: apples are just starting to hint green. Pruning grape vines, blueberry bushes and raspberry patches. Orchardists are chopping brush in orchard or push pruning out of the orchards. Growers covered strawberries at the beginning of the week and started fertilizing strawberry plants at end of week. Protective fungicide sprays applied on fruit trees.

ROCKINGHAM, Nada Haddad

The week started with rain, snow, freezing rain, sleet, cold temperature and gusty wind; about 2.5 inches of rain fell and some roads were washed in some towns. The week ended with a couple of nice, sunny days with warmer temperature. Some fields are still wet, while others were in conditions to plow and disk. Spreading manure on hay fields. Vegetable growers were busy transplanting cold crops in the field. Greenhouse tomatoes are bearing fruits. Garden center and greenhouse operations saw some traffic finally with customers buying pansies and other garden supplies. Community Supported Agriculture operations still signing members for the 2018 season.

SULLIVAN, Jennifer Z. Gehly

Besides some snow, sleet, and rain to start the week and another dose of light snow showers on Thursday, it was a nice week. Many greenhouses opened during the weekend selling vegetable starts and flowers. Producers took advantage of the weekend's weather by spreading manure, preparing fields, and fixing fence to name a few. High temperatures during the weekend were in the upper 50s to low 60s with light winds and clear skies.

RHODE ISLAND

ALL RI COUNTIES, Heather Faubert
Spring starting. Two days in 50s this week.

ALL RI COUNTIES, George Goulart
Very wet weather during the past week, farmers are working in their greenhouses. Fields have been too wet to till.

VERMONT

BENNINGTON/RUTLAND, Tina Williams
A cold damp week with some snow flurries was very discouraging for field work. Next week's warm up will start the rush! Maple sap continues to run especially in the higher elevations.

FRANKLIN, Paul Stanley
Finally back to some end of week sun in Franklin County Vt. Still very little movement in budding and field work. Sugar makers are catching the last of any sap and its quality is telling the end of season story.



2017 CENSUS OF AGRICULTURE
YOUR VOICE. YOUR FUTURE. YOUR OPPORTUNITY.

USDA **VERMONT COUNTY**
United States Department of Agriculture
National Agricultural Statistics Service

**There's Still Time to Be Counted.
Respond Today!**

Respond Online. www.agcounts.usda.gov
For assistance completing the census,
call toll-free (888) 424-7828.
www.agcensus.usda.gov

The banner features a central illustration of a farm scene with a red barn, a wooden fence, and a person working in a field. The background is a mix of orange, green, and brown tones.