



United States Department of Agriculture
National Agricultural Statistics Service



New
England



Crop Progress & Condition

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www.nass.usda.gov/nh
Week ending July 21, 2019

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by the Northeastern Regional Field Office of NASS

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According to the National Agricultural Statistics Service in New England, there were 6.0 days suitable for fieldwork for the week ending Sunday, July 21, 2019. Topsoil moisture supplies were 2 percent very short, 24 percent short, 66 percent adequate, and 8 percent surplus. Subsoil moisture supplies were 1 percent very short, 23 percent short, 67 percent adequate, and 9 percent surplus. Pasture conditions ranged from 1 percent very poor, 3 percent poor, 26 percent fair, 48 percent good, and 22 percent excellent.

Crop Progress as of July 21, 2019

(in percent)

Item	This Week	Last Week	Last Year	5 Year Avg.
DRY HAY: 1st CUTTING	93	87	N/A	N/A
STRAWBERRIES: HARVESTED	93	72	80	N/A

Soil Moisture for Week Ending July 21, 2019

(in percent)

Item	Very Short	Short	Adequate	Surplus
TOPSOIL	2	24	66	8
SUBSOIL	1	23	67	9

Crop Conditions as of July 21, 2019

(in percent)

Item	Very Poor	Poor	Fair	Good	Excellent
APPLES	0	0	11	63	26
BARLEY (ME)	0	0	0	30	70
BLUEBERRIES, TAME	1	1	13	48	37
BLUEBERRIES, WILD (ME)	0	0	25	50	25
CORN	0	1	13	37	49
DRY HAY	1	1	12	66	20
PASTURE AND RANGE	1	3	26	48	22
PEACHES	0	3	22	44	31
PEARS	0	0	16	52	32
POTATOES (ME)	0	0	0	70	30
QUALITY OF DRY HAY MADE	0	1	8	81	10
STRAWBERRIES	1	3	10	63	23
SWEET CORN	0	3	22	70	5

For a complete nationwide weekly weather and crop bulletin, please visit www.usda.gov/oc/weather and click on "Weekly Weather and Crop Bulletin."

July 21, 2019 New England Weekly Weather Summary

State	Station	Air Temperature Last Week					Precipitation					
		Max	Min	Avg	Norm	DFN	One Week	Rain Days	DFN	Four Weeks	Four Weeks DFN	
Connecticut	NORTHWEST											
	Norfolk 2 Sw	83.3	63.9	73.57	68.39	5.19	0.26	1.0	-0.85	1.34	-2.84	
	Extreme/Average	83.3	63.9	73.57	68.39	5.19	0.26	1	-0.85	1.34	-2.84	
	CENTRAL											
	Burlington	N/A	N/A	N/A	72.14	N/A	N/A	N/A	N/A	0.3	-1.28	
	Danbury Municipal Ap	90.2	67.2	78.67	71.76	6.92	0.24	1.0	-0.69	1.44	-2.4	
	Hartford-Bradley International Airport	92.4	69.4	80.93	73.96	6.97	0.32	2.0	-0.64	1.17	-2.37	
	Meriden Markham Municipal Ap	93.5	67.3	80.42	72.89	7.53	N/A	0.0	-0.85	0.08	-3.37	
	Norwich Pub Utility Plant	87.4	67.6	77.5	73.13	4.37	1.07	1.0	0.17	2.07	-1.18	
	Staffordville	85.1	62.3	73.71	70.3	3.41	2.23	2.0	1.26	4.67	1.5	
	West Thompson Lake	84.2	62.8	73.5	70.81	2.7	0.4	1.0	-0.49	2.22	-1.38	
	Willimantic Windham Ap	91.2	66.8	79.0	71.97	7.03	0.61	2.0	-0.09	1.29	-2.06	
	Extreme/Average	89.1	66.2	77.68	72.12	5.56	0.81	2	-0.19	1.66	-1.57	
	COASTAL											
	Bridgeport-Success Hill	N/A	N/A	N/A	74.1	N/A	1.54	2.0	0.59	3.62	0.96	
	Extreme/Average	N/A	N/A	N/A	74.10	N/A	1.54	2	0.59	3.62	0.96	
STATE TOTAL	74.7	55.9	65.31	71.66	4.66	0.81	2	-0.21	1.88	-1.45		
Maine	NORTHERN											
	Caribou Wfo	82.0	58.0	70.0	65.97	4.03	0.58	4.0	-0.32	2.25	-1.47	
	Frenchville Northern Aroostook Ap	78.7	56.9	67.79	64.93	2.86	0.99	4.0	0.08	2.36	-1.84	
	Houlton Airport	81.9	56.3	69.07	66.13	2.94	0.9	3.0	0.1	3.57	0.19	
	Millinocket Municipal Airport	84.1	62.0	73.07	68.34	4.73	0.77	3.0	-0.05	3.4	-0.27	
	Moosehead	77.0	58.6	67.8	N/A	N/A	0.23	2.0	-0.36	2.14	-1.22	
	Rangeley	80.0	56.3	68.14	64.29	3.86	0.17	1.0	-0.71	1.73	-1.8	
	Extreme/Average	80.6	58.0	69.31	65.93	3.68	0.61	4	-0.21	2.57	-1.07	
	SOUTHERN INTERIOR											
	Augusta State Ap	83.9	63.9	73.86	69.96	3.9	0.16	2.0	-0.64	2.39	-0.63	
	Bangor International Airport	83.9	60.1	72.0	68.96	3.04	1.91	2.0	1.11	6.18	3.09	
	Bethel 6 Sse	83.2	60.2	71.67	N/A	N/A	0.16	1.0	N/A	4.0	N/A	
	Bridgton 3 Nw	N/A	N/A	N/A	67.53	N/A	N/A	N/A	N/A	N/A	N/A	
	Dover-Foxcroft Wwtp	83.0	58.4	70.71	66.93	3.79	0.17	1.0	-0.58	3.8	0.3	
	Harmony	85.6	56.6	71.07	N/A	N/A	0.3	2.0	-0.42	3.45	0.21	
	Livermore Falls 1 E	83.8	58.6	71.2	N/A	N/A	0.42	1.0	-0.22	3.78	0.72	
	Topsfield 2	81.4	59.6	70.5	67.59	2.91	0.31	3.0	-0.6	3.44	-0.06	
	Turner	82.4	62.9	72.64	68.87	3.77	0.13	1.0	-0.7	4.4	1.11	
	Woodland	83.9	64.1	74.0	68.39	5.61	0.35	1.0	-0.44	4.69	1.57	
	Extreme/Average	83.5	60.5	71.96	68.32	3.84	0.43	3	-0.31	4.01	0.79	
	COASTAL											
	Durham	83.1	58.0	70.57	67.56	3.01	0.17	1.0	-0.66	3.71	0.24	
	East Surry	80.8	56.7	68.75	N/A	N/A	0.24	2.0	N/A	4.13	N/A	
Hollis	85.0	59.0	72.0	68.54	3.46	0.03	1.0	-1.01	1.98	-1.93		
Portland Jetport	84.3	65.1	74.71	69.5	5.21	0.01	1.0	-0.83	3.24	0.01		
West Rockport 1 Nnw	81.4	63.4	72.43	67.79	4.64	0.11	1.0	-0.69	2.94	0.42		

		Air Temperature Last Week					Precipitation				
State	Station	Max	Min	Avg	Norm	DFN	One Week	Rain Days	DFN	Four Weeks	Four Weeks DFN
	Extreme/Average	82.9	60.4	71.69	68.35	4.08	0.11	2	-0.80	3.20	-0.32
	STATE TOTAL	81.8	59.1	70.49	67.04	3.79	0.48	3	-0.33	3.12	-0.38
Massachusetts	WESTERN										
	Lenox Dale	85.0	58.5	71.75	69.23	2.57	1.02	1.0	0.35	2.4	-0.87
	North Adams Harriman Airport	84.0	63.3	73.64	69.3	4.34	0.96	3.0	-0.09	3.41	-0.73
	Pittsfield Municipal Ap	85.3	63.7	74.5	67.69	6.81	1.1	3.0	0.13	3.01	-0.47
	Worthington	83.0	60.1	71.57	67.3	4.27	0.51	3.0	-0.45	2.05	-1.7
	Extreme/Average	84.3	61.4	72.86	68.38	4.50	0.90	3	-0.02	2.72	-0.94
	CENTRAL										
	Amherst	87.7	64.1	75.93	71.0	4.93	0.13	1.0	-0.81	1.82	-1.71
	Barre Falls Dam	87.7	60.4	74.07	67.83	6.24	0.7	1.0	-0.24	3.93	0.32
	Beverly Municipal Ap	89.5	67.7	78.58	70.77	7.82	N/A	0.0	-0.8	2.06	-1.23
	Chatham Municipal Ap	86.2	69.8	78.0	71.5	6.5	0.23	2.0	-0.42	2.22	-0.81
	East Brimfield Lake	84.2	63.3	73.75	70.77	2.98	0.32	3.0	-0.45	2.99	-0.16
	Fitchburg Municipal Ap	90.7	68.7	79.67	72.63	7.03	0.13	1.0	-0.67	1.91	-1.65
	Greenfield No. 3	87.4	63.1	75.29	69.46	5.83	0.21	3.0	-0.84	1.8	-2.07
	Lawrence	84.9	68.9	76.86	73.26	3.6	0.74	1.0	-0.17	3.99	0.61
	Lowell	87.8	64.8	76.33	72.44	3.9	0.36	1.0	-0.4	3.43	0.02
	Norwood Memorial Ap	93.5	68.2	80.83	71.1	9.73	1.29	1.0	0.57	3.54	0.1
	Westfield Barnes Municipal Ap	94.7	66.7	80.67	71.2	9.47	0.06	1.0	-0.67	1.34	-2.2
	Worcester	83.3	66.7	75.0	70.59	4.41	0.67	1.0	-0.34	3.75	0.06
	Extreme/Average	88.1	66.0	77.08	71.05	6.04	0.44	3	-0.44	2.73	-0.73
	COASTAL										
	Bedford Hanscom Field	93.0	69.8	81.42	73.41	8.0	0.12	1.0	-0.58	3.7	0.54
	Birch Hill Dam	85.1	62.1	73.64	69.23	4.41	0.24	1.0	-0.84	2.7	-1.25
	Boston	90.7	73.1	81.93	73.8	8.13	0.47	2.0	-0.35	4.61	1.72
	Edgartown	N/A	N/A	N/A	72.24	N/A	N/A	N/A	N/A	2.44	0.72
	Hyannis Barnstable Municipal Ap	86.7	70.7	78.67	71.97	6.7	0.26	2.0	-0.4	2.89	0.08
	New Bedford Municipal Ap	88.0	68.2	78.08	71.36	6.73	0.14	1.0	-0.55	3.92	1.26
	Plymouth Municipal Ap	88.8	68.0	78.42	71.47	6.95	0.26	1.0	-0.42	6.4	3.48
	Taunton Municipal Ap	91.3	67.7	79.5	72.07	7.43	0.28	1.0	-0.43	3.13	0.18
	Extreme/Average	89.1	68.5	78.81	71.94	6.91	0.25	2	-0.51	3.72	0.84
	STATE TOTAL	87.7	65.9	76.79	70.80	6.00	0.47	3	-0.38	3.02	-0.30
New Hampshire	NORTHERN										
	Berlin	80.3	57.7	69.0	66.99	2.01	0.5	2.0	-0.34	4.27	0.78
	Colebrook 3Sw	75.6	54.0	64.8	65.2	-0.4	0.79	2.0	0.15	2.8	-0.4
	Errol Airport	80.1	56.3	68.21	N/A	N/A	0.87	2.0	N/A	2.44	N/A
	Jefferson	79.1	58.9	69.0	N/A	N/A	0.42	1.0	-0.49	3.87	0.26
	Extreme/Average	78.8	56.7	67.75	66.09	0.80	0.65	2	-0.23	3.34	0.21
	SOUTHERN										
	Bradford 2	82.6	62.3	72.43	N/A	N/A	0.1	1.0	-0.94	2.05	-1.79
	Concord Asos	94.3	69.0	82.0	70.34	11.6	0.0	0.0	-0.88	1.13	-1.58
	East Milford	85.3	64.3	74.79	70.93	3.86	0.2	1.0	-0.72	3.03	-0.59
	Epping	85.4	63.7	74.57	70.59	3.99	0.08	1.0	-0.82	2.25	-1.12
	Hancock	80.0	60.4	70.2	N/A	N/A	0.15	1.0	N/A	0.68	N/A
	Jaffrey Silver Ranch Airpark	86.0	63.4	74.71	N/A	N/A	0.24	1.0	N/A	2.42	N/A

		Air Temperature Last Week					Precipitation				
State	Station	Max	Min	Avg	Norm	DFN	One Week	Rain Days	DFN	Four Weeks	Four Weeks DFN
	Keene	85.4	60.3	72.86	69.87	2.99	0.17	1.0	-0.82	2.05	-1.63
	Lakeport 2	84.6	64.3	74.43	71.44	2.99	0.12	1.0	-0.88	4.1	0.25
	Lebanon Municipal Ap	88.0	62.5	75.25	70.6	4.65	0.25	2.0	-0.44	2.86	-0.06
	North Conway	85.3	60.9	73.07	68.43	4.64	0.04	2.0	-0.93	4.92	1.04
	Tamworth 4	81.4	58.0	69.71	67.69	2.03	N/A	0.0	-1.09	5.78	1.58
	Extreme/Average	85.3	62.6	74.00	69.99	4.59	0.14	2	-0.84	2.84	-0.43
	STATE TOTAL	83.3	60.8	72.08	68.79	3.43	0.29	2	-0.65	3.00	-0.23
Rhode Island	ALL										
	Newport State Ap	86.3	69.8	78.08	71.91	6.17	0.13	2.0	-0.6	3.77	0.71
	Providence	88.4	69.3	78.86	73.9	4.96	0.55	2.0	-0.2	2.7	-0.06
	Westerly State Airport	86.7	70.0	78.33	71.23	7.1	0.28	1.0	-0.5	3.07	-0.02
	Woonsocket	87.1	66.4	76.79	72.57	4.21	0.31	2.0	-0.56	1.49	-1.8
	Extreme/Average	87.1	68.9	78.02	72.40	5.61	0.32	2	-0.47	2.76	-0.29
	STATE TOTAL	87.1	68.9	78.02	72.40	5.61	0.32	2	-0.46	2.76	-0.29
Vermont	NORTHEASTERN										
	Averill	79.7	57.4	68.57	N/A	N/A	0.46	2.0	N/A	3.57	N/A
	Barre Montpelier Knapp State Ap	81.4	60.4	70.93	67.39	3.54	1.37	3.0	0.46	4.2	0.72
	Burlington International Airport	86.1	66.7	76.43	70.9	5.53	0.41	2.0	-0.54	2.7	-0.99
	Corinth	77.4	58.1	67.79	65.79	2.0	0.41	2.0	N/A	2.42	N/A
	Newport	82.7	60.3	71.5	67.6	3.9	0.53	3.0	-0.43	2.74	-1.16
	Rochester	82.7	59.9	71.29	66.96	4.33	0.0	0.0	-1.05	0.0	-3.14
	Saint Johnsbury	84.7	61.6	73.14	N/A	N/A	0.33	3.0	N/A	3.18	N/A
	Sutton	78.6	58.4	68.5	65.24	3.26	0.43	3.0	-0.57	4.29	0.64
	Extreme/Average	81.7	60.3	71.02	67.31	3.76	0.49	3	-0.43	2.89	-0.79
	WESTERN										
	Bennington Morse State Ap	84.3	63.0	73.64	68.5	5.14	0.17	2.0	-0.8	1.7	-2.09
	Rutland	83.0	61.4	72.21	68.79	3.43	0.41	3.0	-0.69	1.8	-2.21
	South Lincoln	78.3	57.1	67.71	66.0	1.71	0.69	2.0	-0.41	5.08	0.84
	Extreme/Average	81.9	60.5	71.19	67.76	3.43	0.42	3	-0.63	2.86	-1.15
	SOUTHEASTERN										
	Johnson 2 N	79.4	58.7	69.07	N/A	N/A	0.79	3.0	N/A	2.66	N/A
	Springfield Hartness State Ap	87.1	63.1	75.14	69.26	5.89	0.04	1.0	-1.04	1.31	-2.45
	Woodstock	84.7	60.4	72.57	69.0	3.57	0.23	2.0	-0.69	2.63	-0.85
	Extreme/Average	83.7	60.7	72.26	69.13	4.73	0.35	3	-0.86	2.20	-1.65
	STATE TOTAL	82.1	60.5	71.28	67.76	3.81	0.45	3	-0.57	2.77	-1.05

DFN = Departure from normal.

Weather summary provided by the Southern Regional Climate Center, <https://climdata.srcc.lsu.edu>.

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

Dry and getting drier. Fields are extremely stressed. Even corn in the wet spots is starting to curl.

MAINE

CUMBERLAND/YORK, Sandy Truslow

Sizzling heat and humidity over the weekend. Weeds widespread due to moisture earlier. Sweet corn and highbush blueberries are late and should start being picked by the end of the week. Hay is heavy being cut this late. Could use some rain.

FRANKLIN, Gary J. Raymond

Excellent field conditions. Everything is growing well. Second cut hay is underway with excellent quantity and quality. Pastures are green. Corn is behind but growing conditions are helping. We have some peas finally!

WASHINGTON, Audre Hayward

Very wet conditions making it hard to get into the fields.

MASSACHUSETTS

ALL MA COUNTIES, Tom Smiarowski

Heat wave at the end of the week stressed livestock, poultry and crops. Blueberry and peach crops having excellent years.

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

The past few days we experienced intense heat and some growers had to "cool off the vines" by raising the ditch water or by intermittent irrigation sprinkling for 15-20 minutes at mid-day. When air temperature is greater than 90 degrees chances are that the bog environment is above 100F. Whereas the leaves have stomata that help regulate the temperature through evaporative cooling, the developing berry has few stomata around the calyx of the fruit and might need help to maintain low temperature. Bees are being withdrawn and sprays for fruit rot, weevil and spargamoths fruit worm are being planned. Keep close attention to soil moisture on the bog. Irrigation management is critical at this stage to encourage fruit sizing.

NEW HAMPSHIRE

HILLSBOROUGH, George Hamilton

Fruit: Growers are renovating strawberry beds. Blueberry and raspberry harvest continued along with peaches. Orchardists busy monitoring for pests, spraying if needed, and mowing orchard floors. Apple Scab continues to be a problem on several orchards. Fire Blight seen in a few orchard blocks. Spotted Wing Drosophila fruit fly trapped at almost all farms that are being monitored. Raspberry and Blueberry growers would be well advised to monitor for SWD (spotted wing drosophila) within their plantings, and in woods adjacent to their plantings. Blueberry mummyberry disease being seen is several blueberry plantings. Vegetables: Very good demand for produce at most local farmers' markets and farm stands. Farmers kept busy harvesting, cultivating, hoeing weeds, monitoring pest pressures, spraying pesticides for insects and diseases. Growers harvesting an array of vegetables including: beans, beets, broccoli, cabbage, cucumbers, greens, lettuce, potatoes, radishes, snap beans, summer squash and first sweet corn. High numbers of squash vine borers were caught during week. Field Crops: Farmers making baled hay. Silage corn is rapid growing. Second hay crop is looking good.

ROCKINGHAM, Nada Haddad

Harvesting apricots, cherry tomatoes, blueberries, raspberries, summer squash, peas, scallions, cabbage and a whole array of vegetables. Trellising field tomatoes. Irrigating vegetable fields and newly planted apple trees, blueberry bushes, raspberries and strawberry patches. The week ended with three very hot days.

SULLIVAN, Jennifer Z. Gehly

It was another nice week for Sullivan County producers. Welcomed rain fell mid-week. By the weekend, it was hazy, hot, and humid with heat index in the mid to upper 90s. Dry hay was made. For some, this marks a continuation and moving toward completion of first cut. For others, it was working on second cut. Quality is good and quantity is up and improving since the beginning of the season. Strawberries are limping in and rapidly coming to a close for many given the heat. Most PYO are done with growers picking late varieties for wholesale markets only. Blueberries are growing full. A lot of winter damage and mummy berry have hurt some quantities of blueberries for many growers, yet some say they have great crops while others say they have very small and limited crops. Raspberries are in strong and the heat has made harvesting an urgent condition for several growers in the county. Garlic harvest has begun and will continue this week. Summer squash and zucchini are plentiful. Winter squash is looking good. Sweet corn will be ready by weeks end according to two growers. First planting of peppers and eggplant began picking last week. It's been tough weather for brassicas though. Field corn is up and growers are hoping for the rain this coming week as it's been too dry for the crop depending on the soil.

RHODE ISLAND

ALL RI COUNTIES, Heather Faubert

It was getting dry, but got a good rain on 7/18. Extreme hot temperatures 7/19, 7/20, and 7/21 will probably damage many crops.

ALL RI COUNTIES, Michael Sullivan

A number of highly variable storms during the week with some as of yet unsubstantiated losses on apples and other tree fruits from exceptionally high winds and some hail. Weather warming and high humidity and forecasts for exceptionally high temperatures and humidity over the coming weekend. Very rapid ripening and high disease pressures expected on fruit and vegetable crops. Turfgrass sod farms and production ornamental nurseries will be limiting in harvest and delivery because of these conditions.

VERMONT

FRANKLIN, Paul Stanley

Hot week in Franklin County, Vermont is pushing corn through its skin. Much more second cut off with super growth on later first cut harvest fields. Need to get manure out after second cut harvest so we do not end up with manure to spread on snow in the fall. Gardens are yielding super and still no sweet corn on the roadsides. However, it will not be long with the growing degree days through the roof

LAMOILLE, Heather Mateja

Crops are looking good and most have made up from a slow start to the season.

ORLEANS, David Blodgett

Second cut hay harvest has begun. Both quantity and quality are good. Fields are drier for this cut. Corn is good for the most part although on heavy soil fields it is fair. Germination was a little spotty and growth is behind compared to drier, sandy loam fields. Strawberries are mostly harvested now. It appears that it was an average crop and the quality was good. Blueberries have set fruit and will be ripening soon. The bushes appear to be loaded with fruit. Sweet corn is about mid-thigh high, so it has a ways to go before its ready. Pastures are doing well. There continues to be enough moisture to keep the paddocks growing. Activity this week included second cut hay harvest, manure spreading and the end of the strawberry harvest.