



United States Department of Agriculture
National Agricultural Statistics Service



New
England



Crop Progress & Condition

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Week ending July 31, 2016

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

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Excellent week for field work: New England averaged 6.0 days suitable for field work last week.

Hot, dry conditions continued last week throughout the New England region with moderate drought conditions still reported in some areas. The average weekly temperatures ranged from two degrees below normal to ten degrees above normal in the six states. Weekly precipitation ranged from 0.00 to 2.04 inches in one area. Corn looked good in some areas as it began to tassel but in other areas had signs of stress. Barley was reported in the soft dough stage and Soybeans were flowering. Vegetable crops appeared to be doing well despite the heat with an ongoing harvest of greens, lettuce, potatoes, radishes, snap beans, sweet corn, beans, beets, broccoli, cabbage, cucumbers, summer squash and first field tomatoes and peppers. Farmers irrigated crops where possible and kept busy monitoring pests and cultivating as normal. Blueberry and raspberry growers were concerned with spotted wing drosophila (SWD) while orchardists mowed floors and sprayed where necessary. Fall armyworm was also monitored and there were no signs of corn earworm or European corn borer moth. Farmers' markets appeared to be thinning in traffic during the week in some areas as a result of perceived reduction in produce inventory.

Soil Moisture for Week Ending July 31, 2016

(in percent)

Item	Very Short	Short	Adequate	Surplus
TOPSOIL	19	34	39	8
SUBSOIL	19	33	42	6

Crop Conditions as of July 31, 2016

(in percent)

Item	Very Poor	Poor	Fair	Good	Excellent
APPLES	5	5	24	49	17
BLUEBERRIES, TAME	0	1	17	71	11
BLUEBERRIES, WILD (ME)	0	0	10	25	65
CORN	1	6	25	55	13
CRANBERRIES (MA)	0	3	17	70	10
DRY HAY	3	8	23	62	4
OATS (ME)	0	0	0	81	19
PASTURE AND RANGE	6	38	35	19	2
PEACHES	82	5	7	4	2
PEARS	0	6	47	42	5
POTATOES (ME)	0	0	0	47	53
QUALITY OF DRY HAY MADE	1	3	11	57	28
RYE (ME)	0	0	0	48	52
SWEET CORN	0	5	27	67	1

Crop Progress as of July 31, 2016

(in percent)

Item	This Week
BLUEBERRIES, TAME: HARVESTED	39
BLUEBERRIES, WILD (ME): FRUIT SET	94
BLUEBERRIES, WILD (ME): HARVESTED	5
CRANBERRIES (MA): FRUIT SET	95
DRY HAY: 2nd CUTTING	70
DRY HAY: 3rd CUTTING	21
PEACHES: HARVESTED	12
POTATOES (ME): BLOOMING	60
SWEET CORN: HARVESTED	26

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 31, 2016 New England Weekly Weather Summary

		Last Week Weather Summary						Accumulation Since April 1, 2016					
		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	89	61	74	+4	0.50	2	9.89	-4.79	42	1336	+67	2345
	Bangor_Intl_Air	93	59	78	+9	0.03	2	9.70	-3.65	48	1515	+317	2527
	Bethel	88	55	72	+3	0.01	1	13.15	-2.87	38	1188	+35	2132
	Bridgton	87	56	71	+5	0.01	1	11.95	-3.88	39	1191	+131	2146
	Caribou_Municip	84	52	70	+5	1.23	2	15.40	+2.24	50	1122	+182	2033
	Dover-Foxcroft	88	54	72	+6	0.16	3	11.32	-3.65	49	1117	+196	2051
	Durham	90	57	73	+4	0.14	1	10.83	-4.58	42	1246	+104	2245
	East_Surry	84	57	71	+3	0.34	2	12.64	-2.48	50	1026	-55	1990
	Eustis	86	45	67	+5	0.14	2	9.25	-5.05	46	949	+227	1816
	Frenchville	81	51	68	+3	0.33	1	14.25	+0.74	53	1000	+140	1881
	Harmony	88	55	72	+4	0.01	1	12.34	-2.35	41	1183	+103	2155
	Houlton	86	47	70	+4	0.37	2	11.72	-1.49	47	1060	+105	1983
	Livermore_Falls	91	53	71	+5	0.75	2	11.15	-5.05	37	1163	+224	2115
	Millinocket_Wtr	88	50	71	+3	0.22	2	11.05	-4.02	37	1021	-62	1919
	Moosehead	84	56	70	+6	0.29	2	12.52	-3.00	50	1003	+198	1880
	Portland_ME	90	61	75	+6	0.37	1	9.62	-5.02	39	1332	+207	2349
	Rangeley_2NW	83	47	66	+2	0.07	2	10.25	-4.29	53	875	+71	1724
	Sanford	92	58	75	+5	0.05	1	9.60	-6.23	32	1362	+35	2359
	Topsfield_2	86	58	72	+5	0.63	3	13.81	-1.50	49	1088	+77	2026
	Turner	89	58	73	+2	1.01	2	11.76	-3.55	44	1280	-97	2247
	Wesley_2W	92	56	73	+5	0.99	4	12.99	-1.02	36	1137	+129	2093
	West_Rockport	86	62	73	+5	0.88	1	12.95	-3.09	43	1181	+153	2149
	Whiting	90	57	73	+8	0.80	2	11.63	-4.78	41	1135	+309	2124
New Hampshire	Berlin_AG	85	51	68	+3	0.00	0	11.85	-2.51	45	1097	+66	2028
	Bradford_2	87	51	69	+1	0.15	2	10.21	-5.65	35	1144	-119	2100
	Colebrook	84	51	67	+2	0.15	3	11.83	-2.97	59	937	-11	1796
	Concord	95	56	77	+7	0.31	3	7.78	-5.10	46	1576	+272	2619
	East_Milford	92	56	76	+5	0.17	3	6.94	-8.23	44	1535	+143	2588
	Epping	91	55	75	+5	0.39	4	8.45	-6.44	43	1425	+115	2451
	Errol_AP	85	44	67	+3	0.00	0	12.55	-1.28	43	956	+119	1831
	Greenville	90	56	73	+6	0.32	2	8.00	-7.22	38	1320	+207	2328
	Hancock	91	53	73	+5	1.21	4	8.74	-6.77	46	1324	+114	2311
	Jaffrey_Silver_	93	58	75	+8	0.37	2	8.70	-6.52	44	1485	+372	2513
	Jefferson	84	53	68	+2	0.02	1	13.89	-0.85	52	1140	+53	2068
	Keene_AG	93	54	73	+4	0.34	3	8.48	-6.11	42	1392	+127	2413
	Lakeport_2	90	58	74	+4	0.25	2	10.51	-4.22	36	1528	+191	2550
	Lebanon	91	54	74	+5	0.04	3	12.06	-0.58	45	1513	+287	2521
	North_Conway	90	53	72	+4	0.32	1	12.71	-3.43	44	1351	+132	2318
	Tamworth_4	85	51	68	+3	0.27	1	14.71	-2.98	46	1085	+103	2026
	Wolfeburro	84	58	73	+2	0.04	2	11.79	-2.94	42	1359	+22	2384
Vermont	Averill	83	43	66	+4	0.09	1	13.55	-3.15	36	942	+244	1769
	Bennington_AP	89	54	73	+7	0.73	2	9.41	-8.25	48	1425	+386	2467
	Burlington_Intl	90	58	74	+4	0.02	2	10.26	-3.38	47	1650	+281	2652
	Corinth	83	52	67	0	0.00	0	10.99	-1.66	44	1047	-69	1966
	Johnson_2N	85	49	67	+1	0.03	1	14.93	+0.10	47	1072	+28	1984
	Marlboro_Raws	84	58	71	+5	0.37	2	12.21	-1.87	46	1313	+311	2310
	Montpelier_AP	85	51	69	+2	0.06	1	11.39	-1.26	47	1161	+45	2102
	Newport_AG	85	50	68	-2	0.12	2	12.22	-2.54	48	1170	-103	2076

		Last Week Weather Summary						Accumulation Since April 1, 2016					
		Temperature				Precipitation		Precipitation			GDD Base 50F		Base 40F
State	Station	Hi	Lo	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total
	Rochester	87	54	69	+3	0.00	0	11.86	-4.63	37	1157	+101	2109
	Rutland_AG	88	53	71	+2	0.08	2	11.44	-3.36	52	1283	-31	2263
	Springfield_VT	88	56	73	+5	0.21	1	9.19	-7.04	40	1394	+229	2404
	South_Lincoln	83	50	67	+2	0.00	0	10.92	-6.43	42	1018	+113	1939
	Sutton	84	52	68	+3	0.08	2	17.06	+1.84	56	1049	+121	1956
	Walden	81	48	64	-2	0.05	2	15.84	+0.62	54	844	-84	1689
	Woodstock	89	53	72	+3	0.07	2	10.08	-4.43	39	1339	+163	2318
Massachusetts	Amherst	94	59	76	+5	0.18	2	7.32	-8.39	40	1577	+157	2655
	Barre_Falls_Dam	93	58	75	+8	0.39	3	8.42	-7.31	47	1414	+311	2423
	Bedford_Hanscom	97	57	79	+7	0.13	3	6.35	-8.82	43	1653	+211	2734
	Beverly_Ag	90	57	72	-2	0.16	2	8.29	-5.31	43	1325	-172	2371
	Birch_Hill_Dam	91	56	74	+7	2.04	3	9.31	-6.20	41	1412	+294	2438
	Boston_Logan_In	94	67	80	+6	0.06	2	7.74	-5.35	38	1737	+133	2840
	Chatham_AP	91	63	76	+7	0.26	1	10.50	-3.96	43	1419	+339	2467
	Chicopee_Westov	95	60	77	+7	1.64	3	9.94	-5.77	40	1664	+244	2748
	Edgartown	88	66	76	+5	0.34	2	12.70	-1.67	44	1485	+194	2576
	East_Brimfield_	91	60	75	+6	0.88	3	11.13	-4.13	52	1443	+159	2488
	Fitchburg	96	61	79	+8	0.38	3	6.66	-9.35	37	1817	+348	2912
	Greenfield	93	59	75	+5	0.16	3	9.30	-6.41	48	1560	+140	2619
	Hyannis_AP	91	63	77	+6	0.18	1	10.89	-2.09	39	1483	+224	2546
	Maynard	100	57	78	+6	0.07	3	8.24	-6.93	44	1664	+222	2744
	New_Bedford	94	63	78	+4	0.32	1	11.79	-3.73	41	1600	+25	2681
	Newburyport	91	57	75	+3	0.36	4	8.20	-7.01	45	1460	+16	2499
	North_Adams_Har	89	55	73	+7	0.66	3	10.71	-7.36	49	1445	+369	2486
	Norwood	96	57	78	+6	0.89	3	8.00	-6.56	41	1603	+94	2691
	Pittsfield	87	57	72	+4	1.22	4	12.32	-4.89	47	1354	+137	2387
	Plymouth	95	62	78	+6	0.17	2	9.96	-5.34	43	1560	+115	2616
	Taunton_4NW	96	65	79	+7	0.04	3	12.44	-2.38	50	1694	+232	2781
	Westfield_Barne	97	61	79	+10	1.37	3	9.02	-7.13	44	1736	+514	2827
	West_Otis	91	61	76	+8	1.13	4	11.82	-6.92	56	1541	+388	2610
	Worcester	90	63	77	+7	0.48	3	8.62	-7.85	45	1528	+223	2582
	Worthington	89	56	72	+5	0.46	4	11.46	-6.00	50	1232	+110	2225
Rhode Island	Newport_AP	90	66	76	+5	0.44	1	9.61	-4.28	43	1514	+194	2604
	Providence	92	68	79	+6	0.17	2	12.09	-2.24	45	1797	+210	2910
	Westerly-Wester	91	65	77	+5	0.95	4	11.21	-3.76	40	1585	+163	2686
	Woonsocket	94	64	80	+8	0.06	3	11.69	-3.77	43	1672	+186	2764
Connecticut	Bridgeport_Siko	92	70	80	+6	0.93	4	11.93	-3.42	46	1916	+284	3056
	Danbury_AP	93	61	78	+6	1.87	4	11.38	-6.44	49	1657	+92	2765
	Hartford_Bradle	96	64	80	+6	0.46	3	8.62	-7.14	46	1876	+200	2995
	Meriden-Meriden	95	64	80	+8	0.76	4	9.60	-8.43	46	1848	+354	2972
	Norfolk	89	60	74	+6	0.88	4	10.89	-7.85	44	1373	+220	2391
	Norwich	92	68	79	+7	0.40	3	12.11	-3.93	39	1749	+155	2862
	Staffordville	91	61	76	+6	0.60	3	11.36	-5.32	43	1368	+43	2402
	Thomaston_Dam	97	59	77	+7	1.28	4	12.56	-4.62	55	1633	+282	2720
	West_Thompson_L	93	62	77	+7	0.17	3	10.69	-6.20	43	1487	+154	2544
	Willimantic	94	65	79	+9	0.34	4	10.98	-5.70	49	1825	+500	2946

Summary based on NWS data. DFN = Departure From Normal.
Precipitation (rain or melted snow/ice) in inches.
Air Temperatures in Degrees Fahrenheit.
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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

Corn is a big question mark at this point. Tasseling was at 4-8 feet tall. If it pollinated, weekend rain might help it recover and make ears. If the rain was too late, grain fill will be poor and tonnage will be off even more. We won't know until later in the week to see if the rain saved anything.

NEW LONDON, Sarah Woodward

Dry conditions continue. A few small showers passed through last week. Pick your own blueberries continue, eggplant and peppers are loving the heat, tomatoes, sweet corn, watermelons just beginning. Producers irrigating as able but some noticing pond levels are dropping. Field corn is dry.

WINDHAM, Dawn S. Pindell

Moderate drought conditions continue. Corn on gravelly soils is turning brown from the ground up; looks stressed: height of about 4 to 5'; with leaves curled up too. Corn on heavy soils is handling the dry conditions; with the heat and humidity it appeared to grow 3' in one week, stalks look about 10' tall. Deer damage reported in sweet corn. A lot of zucchini squash are available. Hay fields vary in quality and condition depending on soil type. Second cutting hay and third chopping haylage continues. Blueberry picking is good.

MAINE

AROOSTOOK (Central), Larry James

Combines are being serviced as the grain is yellowing fast. It appears that the yields will be near record setting. Dry hay yields and quality have been fantastic. Potatoes are progressing quickly with near perfect conditions.

FRANKLIN, Gary J. Raymond

Dry with the chance of very dry; hoping for some timely rain. Second cut hay harvest has slowed down as producers wait for a little more growth. A lot of water is being applied to veggie crops.

SOMERSET, Kathy Hopkins

It is very dry. Showers have mostly gone north or south of us and the high temperatures and wind are drying up fields and crops.

MASSACHUSETTS

ALL MA COUNTIES, Tom Smiarowski

Despite some rain, drought conditions persist.

FRANKLIN, James M. Newland

Even with 1.5" of rainfall on Sunday, the county remains in moderate to severe drought status. Corn and potato crops on drier ground are showing signs of drought stress. Second cuttings of hay are light due to the excessively dry conditions. Producers are busy irrigating seven days a week and water sources are drying up. Irrigated vegetable crops are doing well with little signs of disease pressure. Farmers are monitoring and spraying for aphids.

HAMPSHIRE/HAMPDEN, Heather Baylis

Dry conditions persist despite much needed rain on Sunday. The one inch of rain perked everything up but more rain is needed to make a real difference. Second cutting of hay is slow and is showing poor yields due to the dry conditions. Field corn is showing increasing signs of stress. Lots of cucurbits are struggling. Farmers are reporting irrigation ponds drying up and or unable to irrigate from rivers due to the fact that the water level has dropped below the irrigation pipes. Vegetable harvest continues with tomatoes, sweet corn, summer squash, broccoli, cabbage, eggplants, greens and lettuces, peppers, potatoes, radishes and beans.

PLYMOUTH, Carolyn DeMoranville

Another dry week with little rain. July was the second month in a row with well below average rainfall. Frequent irrigation remains necessary to maintain adequate soil moisture on the cranberry beds. Fruit set has been good but sizing may be an issue in these dry conditions.

NEW HAMPSHIRE

CHESHIRE, Carl Majewski

Hot, humid weather for most of the week, with some welcome showers on Sunday. Unirrigated fields are still extremely dry across the area with production on hayfields and pastures suffering. Most field corn was looking OK, but growth is stunted and there are significant areas showing heavy moisture stress. Most vegetable crops doing well, sweet corn starting to show up alongside wide variety of other items.

COOS, Steve Turaj

Some rain storms but we needed more. Field corn looking pretty good as it just begins to tassel, likewise sweet corn. Barley at soft dough stage. First flowers on soybeans.

GRAFTON, Heather Bryant

This week saw a little welcome rain; although, it's still drier than usual and it was also hot and humid for most of the week. The conditions have been ideal for aphids in vegetable crops. Sweet corn harvest has begun on a few early fields and early field tomatoes are starting to ripen.

GRAFTON, Steven Schmidt

For the week ending July 30th, weather conditions generally remained dry. Scattered showers in some areas of the county cut the dust and provided a little moisture. Top soil conditions remain significantly drier than normal over most of the county. Hay fields have been slow to recover after each cutting of hay was removed. Vegetable growers who do not have irrigation are seeing some impacts of dry conditions on their crops. A few farms in the county have reported that their wells are failing due to the lack of rain. In a couple of situations farms have had to ration water for their livestock.

HILLSBOROUGH, George Hamilton

Weather: Spotty rain helped some crops, but rain was localized. Farmers are irrigating fruit and vegetable crops if they have water sources. Majority of farm ponds are extremely low and dry. Streams and rivers are very low. Some farms are starting to say the markets are softening, where there are fewer customers. Many growers are blaming negative publicity caused by drought, where customers think local farms don't have fruits and vegetables to sell. Fruit: Blueberry and raspberry harvests continued. Orchardists were busy monitoring for pests, spraying if needed, and mowing orchard floors. Raspberry and Blueberry growers were on the lookout. We are seeing a buildup of Spotted Wing Drosophila numbers in traps. Vegetables: Growers were harvesting an array of vegetables including: beans, beets, broccoli, cabbage, cucumbers, greens, lettuce, potatoes, radishes, snap beans, sweet corn, summer squash and first field tomatoes and peppers. Farmers kept busy cultivating, hoeing weeds, monitoring pest pressures, and spraying pesticides for insects and diseases. We are seeing an increase in fall armyworm moth trap catches but not seeing corn earworm nor European corn borer moths. Field Crops: Silage corn is rapidly growing some field showing drought stress. Field corn is starting to tassel and beginning to silk. Second crop on hay fields are burnt up due to drought.

ROCKINGHAM, Nada Haddad

The week and the month of July ended with rain that was welcome by growers on Sunday. About a ¼ of an inch of steady rain. It was a very hot and humid week. Blueberries PYO closed on Sunday because of the rain. Blueberry crops is good in the irrigated fields as well as vegetables. Harvesting an array of vegetables, herbs and sweet corn and tomatoes. Some of the CSA has less produce to offer their clients because of the dry weather affecting the yield. Leaf mold disease appearing in high tunnel tomatoes. Second crop of hay doesn't look good because of the drought.

SULLIVAN, Jennifer Z. Gehly

It was another week of warm temperatures and sunshine. High temperatures were in the mid to upper 80s all week with overnight lows in the low to mid 60s. Much needed rain fell on Sunday bringing roughly a half an inch to the county. Much more is still needed. Field corn is tall, tasseled, with ears forming. 2nd cut hay is green but short. Summer vegetables are abundant. Vegetable producers have been irrigating constantly. Blueberry picking is in full swing across the county and berries look good. The latest Drought Monitor put Sullivan County in a D1 (Moderate) drought. Rivers are low and the ground is dry. Everyone is monitoring their water sources.

RHODE ISLAND

ALL RI COUNTIES, Heather Faubert

We received .42 inches of rain on 7/29. We were hoping for more!

ALL RI COUNTIES, George Goulart

Farmers in Rhode Island continue to feel the effects of hot and dry weather. The drought monitor shows most of the state in moderate dry conditions. Second cutting of hay has been delayed and corn and potatoes are being affected. Some rain is being predicted which will help.

VERMONT

BENNINGTON/RUTLAND, Tina Williams

More needed rain fell in areas on Friday and Sunday.

CALEDONIA, Daniel Hudson

We are still somewhat dry. Corn maturity is ahead of normal for the time of year. Hay yield and quality have been adversely impacted by drier weather.

FRANKLIN, Paul Stanley

Some scattered showers in Franklin County have been a welcome site this week. Tassel and silt in corn looks like it will escape poor pollination due to dry weather; however, it still has a ways to go in this arena. Sweet corn is still slow showing up at the roadside stands. Seems late and it looks like a matter of time to see how this crop is doing. Third cut hay is down in yield and the regrowth needs rain to catch up on what the losses are in the third and fourth cut time frame. Vine crops are doing very well with squash and zucchini showing up all over the place.

ORLEANS, David Blodgett

Overall it was another dry week with a few intermittent showers. Conditions are still a little dry but better than when July started. Most corn looks good and has tasseled. Height of corn ranges from 4 to 10 feet. Average corn height is approximately 8 feet. Third cut hay looks to be a little light but better than second cut. Pastures are in better shape as well with the increased rainfall. Farm activity this past week included harvesting dry second cut hay and manure spreading.