



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 15, 2018

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by the Northeastern Regional Field Office of NASS

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Excellent week for field work: New England averaged 6 days suitable for field work last week. New England temperatures were moderate for this time of year, however, the lack of rainfall is starting to have a noticeable impact on crops. Regional weekly temperatures ranged from 6 degrees below to 6 degrees above normal. Weekly precipitation ranged from 0.00 to 1.04 inches throughout the region. Dry conditions continued throughout last week, as several New England states have been experiencing a moderate drought. The second cutting of dry hay was well underway; hay quality looked decent, but yields were down. Corn began to curl, especially in lower quality dry soils. Cranberry producers were irrigating bogs to protect fruit set and continue the growth progress. Most operations with decent irrigation systems in place were doing fairly well. Pick your own fields were open for business and local farmers' markets showed strong demand for local produce. Field activities for the week included planting some vegetable crops, monitoring for pests, and applying pesticides and fertilizers.

Crop Conditions as of July 15, 2018

(in percent)

Item	Very Poor	Poor	Fair	Good	Excellent
APPLES	0	0	12	57	31
BARLEY (ME)	0	0	30	50	20
CORN	0	2	26	53	19
DRY HAY	0	1	31	48	20
OATS (ME)	0	0	30	50	20
PASTURE AND RANGE	3	17	39	41	0
PEACHES	2	3	14	56	25
POTATOES (ME)	0	0	20	80	0
QUALITY OF DRY HAY MADE	0	0	7	38	55
STRAWBERRIES	1	1	15	48	35
SWEET CORN	0	0	12	72	16

Soil Moisture for Week Ending July 15, 2018

(in percent)

Item	Very Short	Short	Adequate	Surplus
TOPSOIL	16	52	32	0
SUBSOIL	7	49	44	0

Crop Progress as of July 15, 2018

(in percent)

Item	This Week	Last Week	Last Year
APPLES: PETAL FALL	99	93	N/A
APPLES: FRUIT SET	93	88	N/A
CRANBERRIES (MA): FULL BLOOM	100	72	88
DRY HAY: 2nd CUTTING	44	28	20
POTATOES (ME): EMERGED	95	81	N/A
POTATOES (ME): BLOOMING	35	<5	<5

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

July 15, 2018 New England Weekly Weather Summary

Notice please be advised, the Weekly Crop Progress and Condition Report's Weather Data Tables may be discontinued for budget reasons. This includes the possibility of discontinuing the weather data narratives and graphics Please contact your local NASS Regional Field Office with comments or compliments regarding this issue. The Weekly Crop Progress and Condition Report's Crop Progress and Condition data will remain and be available.

		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	89	54	69	-1	0.60	3	12.39	-0.24	50	976	+61	1822
	BANGOR INTERNAT	87	52	68	0	0.10	2	18.45	+5.83	50	909	+72	1752
	BETHEL 6 SSE	89	50	68	+1	0.05	1	8.34	-11.03	32	765	-73	1428
	BRIDGTON 3 NW	87	52	67	0	0.00	0	7.67	-7.25	36	898	+110	1711
	CARIBOU WFO	89	48	67	+2	0.01	1	13.23	+1.71	50	777	+96	1562
	DOVER-FOXCROFT	89	48	66	0	0.41	1	10.33	-3.05	37	792	+74	1574
	DURHAM	89	50	67	-1	0.01	1	10.12	-4.40	38	810	+40	1612
	EAST SURRY	81	49	66	-2	0.00	0	13.39	-0.82	39	714	-52	1502
	EUSTIS	87	45	64	+1	0.00	0	12.37	-0.75	36	670	+107	1436
	FRENCHVILLE NOR	91	49	67	+3	0.08	2	9.54	-2.51	57	794	+182	1576
	HARMONY	96	46	70	+3	0.00	0	9.89	-4.49	36	906	+116	1670
	HOLLIS	93	47	69	+1	0.05	5	10.86	-4.93	41	876	+46	1655
	HOULTON AIRPORT	87	45	65	0	0.24	2	11.65	-0.96	55	718	+58	1486
	LIVERMORE FALLS	88	47	67	0	0.01	1	10.03	-7.19	33	829	-11	1626
	MILLINOCKET MUN	89	50	68	0	0.00	0	12.45	-0.54	51	880	+68	1696
	MOOSEHEAD	86	48	65	0	0.06	1	11.51	-2.50	40	604	-10	1284
	PORTLAND JETPOR	87	56	70	+1	0.00	0	13.88	+0.03	46	998	+142	1852
	RANGELEY	86	44	64	0	0.00	0	8.99	-4.00	47	619	+30	1362
	TOPSFIELD 2	87	52	68	+1	0.10	1	15.32	+1.44	42	786	+38	1588
	TURNER	89	53	69	0	0.01	1	10.40	-3.79	40	976	+96	1804
	WEST ROCKPORT 1	85	54	69	+2	0.00	0	13.88	-1.18	34	882	+124	1715
	WHITING	86	47	69	+4	0.00	0	14.06	-0.34	25	749	+140	1491
	WOODLAND	90	58	73	+5	0.02	1	11.09	-1.73	31	1008	+220	1788
New Hampshire	BERLIN	86	46	66	-1	0.16	1	11.86	-0.98	42	821	+19	1621
	BRADFORD 2	87	45	67	0	0.08	2	8.70	-8.94	31	900	+24	1686
	COLEBROOK 3SW	NA	NA	NA	NA	NA	NA	8.93	-3.62	36	514	-156	1183
	CONCORD MUNICIPAL	92	50	72	+2	0.00	0	9.65	-2.85	50	1162	+164	2004
	EAST MILFORD	90	52	70	0	0.12	1	11.72	-2.98	34	1172	+152	2020
	EPPING	91	51	70	0	0.11	1	11.78	-2.61	40	1080	+76	1906
	ERROL AIRPORT	85	41	64	-1	0.00	0	10.01	-2.33	41	656	+16	1407
	HANCOCK	90	45	70	+1	0.00	0	5.51	-9.87	16	784	-168	1406
	JAFFREY SILVER	89	51	71	+3	0.27	1	10.78	-4.12	33	1177	+288	2008
	JEFFERSON	87	48	67	+2	0.03	1	11.31	-1.31	41	831	+137	1594
	KEENE	90	47	68	-1	0.19	2	9.46	-3.70	38	978	-13	1788
	LAKEPORT 2	91	55	73	+2	0.00	0	8.45	-5.35	29	1210	+168	2058
	LEBANON MUNICIPAL	89	50	70	0	0.37	4	13.92	+2.66	55	1193	+162	2032
	LYNDEBOROUGH	88	50	69	-1	0.10	1	10.18	-3.98	38	1075	+204	1904
	NORTH CONWAY	92	53	70	+1	0.00	0	11.13	-3.56	39	1043	+188	1870
	TAMWORTH 4	87	45	65	-2	0.00	0	10.99	-4.67	34	776	-54	1562
	WOLFEBORO	86	57	71	+3	0.00	0	8.61	-7.05	40	1092	+260	1937
Vermont	AVERILL	85	41	64	-3	0.25	2	7.69	-4.93	41	722	-112	1448
	BARRE MONTPELIE	86	47	67	0	0.06	4	14.91	+3.25	57	867	+32	1680
	BENNINGTON MORS	90	47	70	+2	0.02	2	12.38	-0.76	56	1109	+181	1953
	BURLINGTON WSO	92	55	75	+4	0.90	4	17.22	+5.27	58	1326	+266	2177
	CORINTH	79	47	64	-2	0.00	0	11.35	-6.08	39	748	+24	1514
	JOHNSON	85	47	66	-1	0.02	1	10.69	-3.72	38	714	-88	1442
	MARLBORO RAWES	85	50	68	-4	0.34	2	11.21	-3.10	37	868	-278	1571

		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
	NEWPORT	88	49	67	0	0.27	3	15.02	+2.40	50	864	+32	1648
	ROCHESTER	86	48	69	+3	0.03	2	10.15	-5.02	34	854	+54	1642
	RUTLAND	87	48	68	0	0.21	1	9.48	-3.22	41	941	-7	1742
	SAINT JOHNSBURY	89	47	71	+1	0.15	2	11.80	-0.34	43	1079	+46	1912
	SOUTH LINCOLN	83	45	65	-1	0.01	1	9.10	-5.79	35	653	-120	1348
	SPRINGFIELD HAR	88	49	69	-1	0.14	2	12.31	-1.01	52	1038	+108	1856
	SUTTON	85	49	67	+1	0.04	1	11.88	-0.90	50	788	+122	1560
	WOODSTOCK	89	48	69	0	0.42	2	10.78	-1.75	36	1039	+100	1848
Massachusetts	AMHERST	92	52	72	+1	0.11	1	14.30	+0.33	36	1241	+158	2096
	BARRE FALLS DAM	98	49	74	+6	0.01	1	9.99	-4.18	32	1264	+422	2080
	BEDFORD HANSCOM	92	54	73	0	0.24	2	14.04	+0.42	45	1270	+90	2152
	BEVERLY MUNICIP	92	57	71	+1	1.04	4	14.43	+0.81	54	1165	+170	2064
	BIRCH HILL DAM	89	49	70	+1	0.03	2	11.13	-3.14	41	1096	+172	1922
	BOSTON/LOGAN IN	94	64	73	-1	0.82	3	12.75	+0.33	52	1332	+131	2250
	CHATHAM MUNICIP	81	57	68	-3	0.01	1	11.62	-1.79	57	964	+30	1876
	CHICOPEE WESTOV	91	53	73	+2	0.16	1	15.25	+0.11	40	1304	+170	2167
	EAST BRIMFIELD	89	56	72	+2	0.03	1	11.47	-2.34	41	1025	-40	1736
	EDGARTOWN	82	48	66	-6	0.01	1	9.72	-3.14	37	950	-96	1816
	FITCHBURG MUNIC	91	55	73	0	0.22	1	15.80	+1.31	52	1278	+109	2181
	GREENFIELD NO.	91	52	71	+2	0.00	0	9.20	-5.58	28	1148	+136	1960
	HYANNIS BARNSTA	84	53	69	-2	0.05	1	11.64	-1.51	50	1055	+50	1945
	LAWRENCE	92	61	74	+1	0.14	1	11.40	-2.93	35	1310	+106	2170
	LENOX DALE	NA	NA	NA	NA	NA	NA	6.54	-8.39	32	940	-5	1686
	LOWELL	95	55	73	+1	0.18	1	10.69	-3.32	38	1232	+116	2104
	NEW BEDFORD MUN	90	52	70	-2	0.00	0	12.50	-1.05	51	1126	+83	2018
	NORTH ADAMS HAR	88	46	68	-1	0.36	2	10.95	-4.03	58	1085	+101	1925
	NORWOOD MEMORIA	95	52	72	+1	0.41	1	12.95	-0.78	45	1344	+290	2281
	PITTSFIELD MUNI	87	49	71	+3	0.31	2	13.08	-1.22	60	1080	+188	1918
	PLYMOUTH MUNICI	91	56	70	-1	0.01	1	14.45	+0.58	54	1164	+160	2078
	TAUNTON MUNICIP	93	51	70	-2	0.02	1	14.73	+1.28	50	1220	+116	2114
	WESTFIELD BARNE	93	53	74	+3	0.22	1	15.93	+0.79	52	1308	+174	2182
	WORCESTER	87	59	73	+3	0.00	0	16.45	+2.02	52	1202	+176	2060
	WORTHINGTON	86	48	68	0	0.11	1	12.62	-3.71	39	908	+76	1646
Rhode Island	NEWPORT STATE A	84	59	70	-2	0.00	0	10.08	-3.47	53	1070	+16	1968
	PROVIDENCE	93	59	73	-1	0.11	2	13.96	+0.94	49	1330	+102	2264
	WESTERLY STATE	86	55	71	0	0.19	1	11.32	-2.53	56	1176	+158	2091
	WOONSOCKET	92	56	72	0	0.59	1	12.88	-1.57	36	1301	+152	2188
Connecticut	BRIDGEPORT/SIKO	92	65	75	+1	0.12	2	16.06	+3.01	61	1392	+120	2327
	BURLINGTON	90	50	71	0	0.53	2	12.19	-3.83	46	1132	-26	1931
	DANBURY MUNICIP	88	55	73	+1	0.51	2	18.12	+2.77	57	1292	+162	2173
	HARTFORD-BRADLE	93	58	75	+2	0.02	1	16.56	+2.25	58	1433	+137	2328
	MERIDEN MARKHAM	91	56	74	+1	0.17	3	15.16	+1.65	59	1318	+93	2220
	NORFOLK 2 SW	86	51	71	+3	0.14	2	13.96	-2.01	47	1086	+168	1914
	NORWICH PUB UTI	91	58	73	+1	0.01	1	10.57	-4.25	39	1358	+165	2258
	STAFFORDVILLE	89	53	70	0	0.05	1	14.48	-0.30	35	1047	+39	1883
	WEST THOMPSON L	89	54	70	0	0.24	1	12.45	-2.77	35	1142	+112	2004
	WILLIMANTIC WIN	92	55	73	+2	0.00	0	12.72	-1.75	52	1344	+194	2259

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

Another hot week is starting to really dry out some fields. Afternoon showers don't help much. The ground is dry within minutes after the rain stops.

NEW LONDON, Sarah Kubik

Dry! Drought monitor classifies county as abnormally dry. A few passing showers over the weekend. Hoping showers forecasted for this week bring a bit more moisture. Garlic being harvested. Blueberry and raspberry picking. First tomatoes and eggplants being picked.

MAINE

AROOSTOOK (Central), Larry James

First dry hay was cut last week. The quality is excellent, but yields are disappointing. Potato plants are struggling to fill the rows as the drought continues. Most of the barley and oat fields have headed out.

CUMBERLAND/YORK, Sandy Truslow

Highbush blueberries are starting to be harvested. Still very dry, we are in week six of a moderate drought according to the drought monitor. Succession planting of vegetables continuing. 1st crop hay is completed with little regrowth. Corn looks good at this time.

MASSACHUSETTS

ALL MA COUNTIES, Tom Smiarowski

Tree fruit crops progressing well with early peaches being harvested and a great crop of cherries this year. Blueberry harvest underway. Sweet corn harvest picking up, very good quality being reported. Crops could use a good soaking rain.

BARNSTABLE/BRISTOL/DUKES/NANTUCKET/PLYMOUTH,

Dr. Peter Jeranyama

The weather has been hot and dry. Irrigation may need to be more frequent to keep the vines from experiencing physiological stress. Well-irrigated vines are important especially as fruit set and sizing progress. Care should be taken when applying certain fungicides during this stretch of hot weather as fruit and bloom damage can occur.

PLYMOUTH, Steve Ward

Cranberry growers are in irrigation mode now that things have dried out. The hope is to keep pins heads from shriveling up from the heat and dry conditions.

NEW HAMPSHIRE

CARROLL, Olivia Saunders

Dry conditions starting to impact farms on multiple levels. Pastures are very dry forcing producers to feed out cut hay already. Irrigation supplies for vegetable production are again a must. Drought may impact blueberry development and size. Strawberry crops are all harvested and growers have renovated their fields.

CHESHIRE, Carl Majewski

Warm, dry conditions all week. No signs of severe moisture stress in crops, but we need rain. Regrowth in hayfields and pastures is very slow, and corn starting to curl in patches. Vegetable crops doing ok with irrigation. PYO blueberries and raspberries beginning.

COOS, Steve Turaj

Continued dry weather makes for good hay drying conditions, can now use some rain. Meadows looking rather dry, seeing a little drought stress signs on field corn planted on sandier soils. Corn nearing tassel stage.

COOS/GRAFTON, Steven Schmidt

For the week ending July 14, top soil conditions remain extremely dry. We received no rainfall last week. Farmers are reporting that their second cutting of hay is significantly below normal. Recovery of the hay after first cutting has not occurred on the well-drained sandy soils. The corn crop showed some response to the 0.75 inches of rain that we received on July 6th. However, the lack of rain is still very apparent on the corn crop. Most vegetable growers are applying supplemental water to their crops in order to maintain crop growth.

HILLSBOROUGH, George Hamilton

Weather, very dry – showers very spotty! Hail storm hit central New Hampshire, damage to crops and orchards on Tuesday, July 10. Fruit: spotted wing drosophila fruit fly trapped at two farms out of 15 farms that are being monitored for two weeks in a row. 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. Growers are renovating strawberry beds. Blueberry and raspberry harvest. Orchardists busy monitoring for pests, spraying if needed, and mowing orchard floors. Vegetables: irrigating! 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, and summer squash. High numbers of squash vine borers were caught during week. Field crops: farmers making baled hay. Silage corn is rapid growing, some field showing drought symptoms.

ROCKINGHAM, Nada Haddad

Last week ended with peach fruit thinning. Peaches are medium size and green. Monday and Tuesday saw a heat advisory because of the very hot, humid weather and Tuesday evening the County saw a strong weather event that uprooted big and large trees in Northwood Lake area and some localized rains in some towns. More rain came yesterday evening. Irrigation on the farms continues to be a full time job. Drip irrigation taking place too on many vegetable and small fruits. Harvesting cherries, blueberries, red and black raspberries, a whole array of vegetables. Weeding vegetable fields and with the hot weather cucurbits are taking over the fields. Renovating strawberry fields.

SULLIVAN, Jennifer Z. Gehly

Dry conditions persist. Although scattered showered and thunderstorms moved the area a few days this past week, they didn't produce nearly enough rain. Crop conditions vary by area. While some field corn looks great, other fields or sections of fields show noticeable curling. Vegetable producers have been busy irrigating. The majority of first cut hay is done with many producers reporting a heavy crop. Some second cut has been done however given the lack of rain, it's extremely light.

RHODE ISLAND

ALL RI COUNTIES, Heather Faubert
Very dry week. Need a good rainfall.

ALL RI COUNTIES, Michael Sullivan
Continued warm and very dry weather has eliminated feed value of unharvested first cut hay/mulch. Second cut beginning but reduced moisture reflected in lower yield than expectation. Some failure of pre-emergent herbicides with dry weather and thus heavier than expected weed pressure. Sweet corn delayed beyond target dates with prices driven by transient tourist demands. Increasing humidity forecast this week could cause significant disease pressure.

VERMONT

BENNINGTON/RUTLAND, Tina Williams
Rain on Tuesday brought a much needed drink to crops, however some areas saw hail shredding their corn leaves and high winds laying the corn to the ground.

FRANKLIN, Paul Stanley
Dry conditions persist in Franklin County, VT this week. Corn leaves are showing signs of curling and sod crops are at a standstill. Easy hay harvest with poor yields and slow regrowth. Quality continues to be great. Predicted dry weather for corn pollination is getting closer to reality every day. Apples and fruits continue to do great and sweet corn is slow to appear at vegetable stands.



The banner is divided into three sections. The left section is orange and contains the text '2017 CENSUS OF AGRICULTURE' in white, with the tagline 'YOUR VOICE. YOUR FUTURE. YOUR OPPORTUNITY.' below it. Underneath are the USDA and National Agricultural Statistics Service logos. The middle section is a colorful illustration of a farm scene with a red barn, a blue sky, green fields, and a person in a blue shirt working in a field. The right section is dark brown and contains the text 'There's Still Time to Be Counted. Respond Today!' in white, followed by 'Respond Online. www.agcounts.usda.gov', 'For assistance completing the census, call toll-free (888) 424-7828.', and 'www.agcensus.usda.gov'.