

New England Agricultural Statistics Service

a field office of the National Agricultural Statistics Service United States Department of Agriculture

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Crop Weather

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September 8, 2003 - 4 pm

For week ending 9/7/03

Mix of Sun and Rain

GENERAL CONDITIONS: For the week ending September 7, 2003, there were 5.8 days available for field work across New England. Topsoil moisture was rated 1% very short, 17% short, 76% adequate, 6% surplus. Subsoil moisture was rated 0% very short, 21% short, 77% adequate, 2% surplus. Pasture condition was rated as 4% very poor, 13% poor, 28% fair, 48% good, 7% excellent. A mix of sun and rain was generally beneficial to New England crops last week, though some areas reported too much rain and others reported too little. Cool, fall-like temperatures continued throughout the week, discouraging insect activity and disease. Major farm activities included: cutting haylage and making dry hay; harvesting broadleaf and shade tobacco, potatoes, small grains, apples, peaches, highbush blueberries and vegetables; completing Maine wild blueberry harvest; desiccating potato vines; spreading manure; irrigating; mowing; pruning; cultivating; monitoring fields; preparing harvest equipment; applying insecticides and fungicides; performing general farm maintenance.

FRUIT: Apples, peaches and pears were harvested last week, along with highbush blueberries and fall raspberries. Highbush blueberry harvest was completed in Maine and continued to wind down in other states. Maine growers also finished wild blueberry harvest last week, with an above average crop expected. White cranberry harvest began in Massachusetts; recent rain improved berry size and cool nights have started to color the berries.

FRUIT CROP DEVELOPMENT ACROSS NEW ENGLAND

	Per	cent Harves		
Crop	2003	2002	5-yr Avg	Condition
Apples	20	25	20	Good/Fair
Peaches	70	85	85	Good/Fair
Pears	15	25	25	Good/Fair
Blueberries Highbush	95	99	95	Good/Fair
Wild, ME	100	100	99	Good
Cranberries, MA				Good

VEGETABLES: Growers harvested an array of vegetables, including beans, beets, cabbage, cucumbers, greens, onions, peas, peppers, pumpkins, radishes, squash, tomatoes and zucchini last week. Persistent rains and damp conditions have promoted rotting in some areas. Sweet corn harvest progress remained on schedule last week at 80 percent complete. Sales of late season vegetables and mums have begun at local markets.

SOIL MOISTURE ACROSS NEW ENGLAND

Soil Rating	This Week	Last Week	Last Year					
	Percent							
Topsoil Moisture Very Short	1	5	34					
Short	17	16	38					
Adequate	76	73	28					
Surplus	6	6	0					
Subsoil Moisture								
Very Short	0	5	39					
Short	21	15	31					
Adequate	77	77	30					
Surplus	2	3	0					

FIELD CROPS: Hay was harvested between showers last week; second cut progress was on schedule with the five-year average at 90 percent complete, while progress of the third crop harvest was slightly behind normal. The recent cool, moist weather slowed field corn development; harvest has yet to begin, when normally ten percent of the crop would have been harvested. Potato harvest in Maine continued for those harvesting early for direct shipping or processing. Others readied equipment and killed vines in preparation for harvest. Southern New England growers proceeded with potato harvest when weather allowed. Blue mold and brown spot continue to affect broadleaf tobacco crops. Broadleaf tobacco harvest was nearly complete in Massachusetts by week's end.

FIELD CROP DEVELOPMENT ACROSS NEW ENGLAND

	Po			
Crop	2003	2002	5-yr Avg	Condition
Barley, ME	60	75	75	Good/Fair
Oats, ME	40	45	60	Good/Fair
Potatoes Maine Mass Rhode Isl	5 35 55	15 45 60	10 50 50	Good/Excellent Good/Fair Good/Excellent
Silage Corn Sweet Corn	 80	10 85	10 80	Good/Fair Good
Tobacco Shade Broadleaf	90 90	99 99	95 95	Good/Fair Fair/Good
Dry Hay Second Cut Third Cut	90 40	95 55	90 50	Good/Fair Good

For the Week Ending Sunday, September 7, 2003

All 86 stations appear on the Internet and in e-mail subscriptions. Due to space restrictions, only 41 stations appear below. These stations are well distributed across the region.

	TE	A] MPEF	R RATURI	E	CUM SINCE MAR 1 GROWING DEGREE DAYS		1-WEEK PRECIP			4-WEEK CUM PRECIP				
STATION	L0		AVG I	DFN	TOT	E-50F DFN	TOT	E-60F DFN	TOTAL INCHES		DAYS	TOTAL INCHES		DAYS
MAINE Augusta_State_A Bangor_Intl_Arp Bethel Caribou_Municip Dover-Foxcroft Frenchville Houlton Livermore_Falls Moosehead Portland_ME	46 44 40 40 42 38 40 37 38 46	76 77 77 72 72 71 74 75 76 78	62 62 59 58 57 56 58 56 62	-2 +1 -3 +1 -3 -1 +1 -1 -1	1684 1524 1408 1385 1602 1755 1323	+80 +215 +17 +172 -52 +130 +190 +320 +108 +175	820 653 570 489 476 615 736 441	+123 +222 +77 +196 +45 +156 +196 +314 +135 +176	1.38 1.49 1.55 0.04 0.39 0.01 0.23 1.32 0.11 1.54	+0.67 +0.70 +0.72 -0.81 -0.52 -0.90 -0.68 +0.43 -0.74 +0.84	2 2 2 3 2 1 2 2 2 2	2.33 1.88 2.61 1.96 1.09 1.32 1.52 1.89 2.65 1.83	-0.62 -1.22 -0.94 -1.61 -2.37 -2.40 -2.17 -1.82 -0.72 -0.84	12 4 9 13 5 8 8 8
NEW_HAMPSHIRE Benton Berlin_AG Concord Diamond_Pond Keene_AP North_Conway Rochester	43 39 44 38 48 43 45	71 75 78 69 73 74 77	59 59 62 55 61 59	-2 -1 -2 -2 -4 -3	1689 2136 1197 2055	+104 +144 +284 +157 -11 +176 -65	646 990 371 896	+146 +158 +278 +167 +28 +200 +16	1.81 1.57 1.09 0.71 1.06 1.24	+1.00 +0.72 +0.39 -0.33 +0.29 +0.40 +0.51	2 2 6 3 4 2 3	3.28 1.88 2.03 1.85 1.69 2.56 2.18	-0.24 -1.88 -0.89 -2.65 -1.68 -0.99	8 7 12 12 11 9 8
VERMONT Burlington_Intl Island_Pond Montpelier Pownal Rochester Rutland_AG Sutton Townshend_Lake	48 44 44 48 44 45 41	75 75 71 71 74 72 71 76	65 60 60 60 60 58 61	+2 +3 -1 -2 -1 -4 +0	1573 1699 1790 1733 1859	+287 +305 +141 +168 +197 -185 +286 -40	570 646 662 661 753	+240 +254 +153 +132 +180 -92 +233 +1	0.13 0.58 0.96 1.31 2.07 1.74 1.02	-0.71 -0.33 +0.21 +0.39 +1.11 +0.83 +0.11 +0.57	3 2 2 4 2 4 2 5	0.52 3.16 3.13 3.63 3.13 2.56 3.35 3.61	-3.08 -0.99 -0.25 -0.22 -0.95 -1.21 -0.74 +0.07	6 12 9 13 8 12 12
MASSACHUSETTS Ashburnham Boston/Logan_In Greenfield New_Bedford Otis_AFB Plymouth Walpole Chicopee/Westov Worthington	49 57 49 50 54 48 51 45 43	74 74 73 75 73 74 77 77	61 65 62 64 64 63 63 61 59	-1 -4 -4 -6 -2 -3 -3 -3	2412 2168 2171 2167 2092	+324 +52 -42 -212 +226 +92 +209 -274 +78	1205 966 1013 1038 949 1054	+105 +213	1.33 0.82 1.33 1.97 2.61 1.79 1.45 1.60 1.81	+0.63 +0.06 +0.49 +1.10 +1.84 +0.81 +0.54 +0.76 +0.90	4 4 5 4 4 5 4 4 4	3.69 1.14 5.23 3.29 4.83 3.60 2.29 2.60 3.48	+0.68 -1.86 +1.92 -0.49 +1.73 -0.18 -1.35 -0.67 -0.19	11 9 14 10 11 11 8 12 11
RHODE_ISLAND Providence Woonsocket	56 51	79 78	66 63	-3 -2		+145 +197			2.29 2.32	+1.45 +1.41	4	3.32 2.97	-0.04 -0.67	10 10
CONNECTICUT Bridgeport/Siko Hartford/Bradle Norfolk Thomaston_Dam Willimantic	56 52 48 45 48	79 78 70 75 77	67 64 59 62 63	-3 -4 -4 -3	2240		1015		1.39 2.73 3.09 2.07 2.36	+0.69 +1.82 +2.08 +1.09 +1.45	4 5 5 5 4	2.42 3.49 5.02 3.11 2.79	-0.42 +0.03 +0.86 -0.81 -0.78	9 10 11 12 8

Summary based on NWS data.
DFN = Departure From Normal (Using 1961-90 Normals Period).
Precipitation (rain or melted snow/ice) in inches.
Precipitation Days = Days with precip of 0.01 inch or more.
Air Temperatures in Degrees Fahrenheit.

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STATE WEATHER SUMMARYFor the Week Ending Sunday, September 7, 2003

	P	ir Tem	perature	Precip	oitation	
State	LO	HI	AVG	DFN	LO	HI
ME	35	79	59	-2	0.00	1.86
NH	35	78	58	-3	0.15	2.41
VT	39	80	60	-1	0.13	2.43
MA	43	79	63	-3	0.56	2.93
RI	51	79	65	-3	2.11	3.20
CT	45	79	63	-4	0.29	3.68

Prepared by AWIS, Inc.

REPORTERS COMMENTS, By County: Reporters are from Extension Service (Ext), Farm Service Agency (FSA), Natural Resources Conservation Services (NRCS), or other knowledgeable individuals.

CONNECTICUT - Ross Eddy (FSA), Hartford/Tolland: A rather damp midweek with sun and dryer conditions over the weekend pushed harvesting of vegetable crops back some more. Broadleaf tobacco harvest resumed Friday. More notices of loss on tobacco due to blue mold and brown spot on broadleaf still in the field. Orders for sweet corn, etc. dropped off significantly after Labor Day. Dairy farmers advertising for truck drivers for corn harvest. Dawn Pindell (FSA), Windham: A glorious weekend, chopping, haying and apple picking. Sharing ideas while selling at the farmers' markets. Field corn beginning to mature. Peaches and most crops are still running late. Vegetables doing well, apples a bit on the small side, but tasty. Nancy Welsh/Karen Vozarik (FSA), New Haven: This week of wet weather did in a lot of producers. Fields had standing water in between plastic. Crops rotted and weeds were uncontrollable. It is bad in this part of the state. Mums are big and beautiful, late flowering but many buds. Richard Meinert (Ext), CT Cooperative: Cool days and cold nights are not helping to ripen field corn. Farmers are still waiting for corn to dry down enough to harvest.

MAINE - Marvin Hedstrom, Northern Aroostook: Potatoes and small grains: Growers busy applying fungicides and pesticides as necessary. Vine dessication continues but growers reluctant to dessicate late maturing varieties of potatoes as they would like to get more size of tubers. Continue to ready equipment and storages for harvest. A few potatoes being harvested for processor. It was a difficult week to harvest grain due to high moisture in the fields. Soil is actually getting somewhat dry. Pam Hickey (Ext), Central Aroostook: Canola is being harvested about 10 percent of acreage. Oats and barley being harvested. Harvesting of potatoes should be starting within the next week. A few potatoes in the area have been dug for direct shipment and processing. Steve London, Southern Aroostook: Potatoes and small grains: Crops are looking well. There are still a few aphids around. Albert Dow (NRCS), Piscataquis: Farmers were killing potato tops. Rains have kept all crops growing well. Rick Kersbergen (Ext), Waldo: Beneficial rains last week helped to alleviate the dry conditions in this area. Lots of hay being cut and harvested with good weather predicted. Corn silage harvest expected to begin this week with some corn in the dent stage. Trudy Soucy (FSA), Knox/Lincoln: Perfect weather for outdoor work continues. Thursday's rain helped crops still in the ground. Weed control on blueberry fields underway. Some winter squash never developed because of poor pollination weather. Dr. David Yarborough (Ext), Washington: Wild blueberries: Crop harvest finished up the first week of September Downeast. Since harvest went beyond Labor Day, a better than average crop is expected. Parker Rand (FSA), Cumberland/York: The nights are cooler and fall is in the air. Third crop hay is very heavy, and the corn is getting close to harvest. The apple harvest has begun and the pumpkins are showing up at the farm stands. This will be a very busy month. Gary Raymond (FSA), Franklin: Rain came at an excellent time. There has been more hay harvested in this area than the producers know what to do with. Laura Rand (FSA), Oxford: The weather is perfect for hay harvest! Producers have been busy gathering the hay crop, pumpkins, squash, and other late vegetables. Potato producers are busy killing vines and starting harvest. Apple producers are reporting a good crop and have received no hail in the upper part of Oxford County. Warm days and cool nights are the norm.

MASSACHUSETTS - Arthur Williams (FSA), Berkshire: A bit rainy and dreary this week. Temperatures were a little cooler and seasonal. Some silage harvested and hay cut late in the week with promise of dry weather in the forecast. Farmers' markets beginning to highlight fall veggies and flowers, and the foliage is just starting. Kip Graham (FSA), Worcester: The cooler weather has slowed crops down a bit. Below normal temperatures this time of year. Still cutting haylage and making hay. Apple picking continues, peaches and pears are coming into harvest. Irrigating, cultivating and monitoring fields continues. Preparing and maintaining farm equipment. Frank Caruso (Ext), Plymouth: Cranberries: First white berries harvested, but the bulk of those

berries will be harvested next week. Good rainfall continues to aid in the sizing of the berries. Size is very good so far. Fruitworm injury is rampant. So far fruit rot is not a problem. Color coming along with a few cool nights. John Devine (FSA), Franklin: Fall harvest is in full swing. Clear and dry weather finally allowed hay producers to start cutting hay this weekend. The tobacco harvest has concluded and the crop is drying quickly. In spite of the nice weather, silage corn is still slow to ripen. This is not expected to start for another two weeks. Potato digging is going along at an even pace but hasn't hit high gear yet, the crop has sized nicely. The same is true with the apple crop. Ted Smiarowski, Jr. (FSA), Hampshire/Hampden: Cool temperatures with a few rain showers have slowed crop growth. These cooler temperatures have also reduced plant diseases and insect pressure. An array of fall crops are being harvested such as pumpkins, Indian corn, winter squash, potatoes, apples and cabbage. A rye cover crop is being applied to many of the fields already harvested. Gary Guida, Worcester: Another busy week on the farm. Retail sales for locally grown produce booming! Spraying herbicides in fallow fields in anticipation for fall plowing. Winter squash and pumpkins just starting to ripen here. Harvesting second planting of summer squash, cukes, zukes and pickling cukes. Mums selling real well. Corn borer and fall army worm less than one percent in corn. Big seller this weekend - silver queen.

NEW HAMPSHIRE - Amy Ouellette (Ext), Belknap: It was a very good week for field work. Farm stands are busy with summer vegetable and mum sales. Started picking pumpkins and gourds this week. Lots of powdery mildew on vine crops and ear worms in the corn. Early apple harvest is underway - looking good so far. Carl Majewski (Ext), Cheshire: Producers are getting ready for corn chopping; some early hybrids will be ready to harvest this week. Longer-season hybrids still in milk stage. Third cutting haylage is finishing up; scattered rain in the first part of the week made for poor drying conditions. Regrowth on fields is strong. Early apple harvest continues. Farm stands are getting into late-season sweet corn and tomatoes. Steve Turaj (Ext), Coos: Foggy mornings in lowland areas, along river, feels like early fall. Scattered frosts burning back squash, pumpkin leaves in northern part of county, doesn't appear to have affected vines. Pumpkins coloring up, showing up increasingly along with winter squashes at stands and markets. Sweet corn, other summer veggies abundant yet. Fall mums common sight now. Over an inch of rain this week, field corn looking quite good, lots yet in milk stage, hoping weather will hold. Second cut still taken, close thing with midweek rains. Grass fields growing well. Typical late season pests: powdery mildew, large grasshoppers, etc. showing up. Blister beetles spotted and being brought in for ID. Reports of bears in corn, haven't run into any yet, lots of sightings this year. Tom Buob (Ext), Grafton: Corn continues to mature. Third cutting continues. Quality is good to excellent. Steve Schmidt (FSA), Grafton: Last week brought anywhere from an inch to two inches of rain mid-week. The later part of the week was cooler and partly cloudy, making it hard to dry hay. Corn generally looks good, some fields are ready to harvest. Some harvesting of corn should start by the 10th of September on the earlier plantings. Apple harvest has begun, and size and quality look good. Some orchardists thought volume might be down a little, but too early to tell. George Hamilton (Ext), Hillsborough: Vegetables: Harvesting an array of vegetables: beans, beets, cole crops, cucumbers, greens, peas, potatoes, radishes, summer squash, sweet corn, tomatoes, zucchini and other vegetables. Mildew can be found on pumpkins and winter squash, farmers need to cut and pick up pumpkins and winter squash to help stop fruit from rotting. Very good demand for produce at local farmers' markets and farm stands. Fruit: Orchardists harvesting early season apple varieties, peaches and raspberries. Orchardists busy applying apple maggot sprays and getting ready for harvest. Field Crops: Hay cutting continued at a rapid pace during the week with the second cut being made. Silage corn looking good, most field are in late milk stage and some are starting to dent. David Seavey (Ext), Merrimack: Excellent field corn crop although ears are a little small. Farmers are preparing to cut early field corn. Farmers

are winding up cutting a second and third dry hay harvest. Excellent growing weather for all crops. Early apple harvest continues. Sunny weather needed to improve apple color. Orchardists are moving. Trees and shrubs are moving out of wholesale nurseries. Garden center sales are good. Sweet corn and other vegetables harvested. Sprays applied for apple maggot. Fall bearing raspberries harvested. As of Monday, September 8, the growing degree days in Merrimack County are 1,815. Geoffrey Njue (Ext), Strafford: The last week was nice with a few days of rain showers and few days of sunshine. A few farmers were making third cut. Vegetable growers continue to harvest a wide array of vegetables, including tomatoes, beans, cole crops, sweet corn, etc. Fruit growers continue to harvest peaches and early varieties of apples. Some apple growers are experiencing small and seedless fruits. However, all in all the apple crop is good. Harvesting of fall raspberries has also started. Nurseries and greenhouses have started fall mum sales. Sales of pumpkins have also started for most growers.

VERMONT - John St. Onge/Kim Peterson (FSA), Lamoille: Abundant corn crop has made for happy tourists making their way through the county's two corn mazes. Corn producers started preparing for corn silage harvest last week. This week should see quite a few acres harvested. Also should be a good week for haying even though foggy mornings are the norm. **Lynette Hamilton/Perley Sparrow (FSA), Windham:** Another week of

inclement weather. This week looks better for some drying of third cutting. Corn needs the dryer weather to start that dry down process and early planted corn is in the early dough stage but the stalks are still too green. The winter squash and pumpkin harvest looks about average this year. Its seems like production will depend on variety. Apple harvest has not reached its peak yet. Blueberry season is all over with smaller than average production. Jeff Carter (Ext), Addison: Harvesting of second cutting of dry hay and third cut of chopped or wrapped haylage simultaneously. Good yields and quality. Corn is not ready for harvest yet, 10% with down and drying ears. Vigorous late season growth, so many tall plants. Wheat headed and ripe. Pasture regrowth good for grasses and clover. Some liquid manure spread on harvested hay fields. Dry hay harvest very good this cut. Dennis Kauppila (Ext), Caledonia: Quite a bit of haying going on, once it dried up. Showers brought us an inch and a half of rain, plus a severe thundershower, with some damage just to the south. Turning into fall. Chris Benedict (Ext), Chittenden: Cooler temperatures have slowed starch conversion to sugars in maturing apples. This has set back picking almost a week. Mid-week moisture allowed for good sizing of those maturing apples. Heather Darby (Ext), Franklin: Lots of great field work weather last week! High quality third cut being harvested. Some early season corn being chopped. The pastures could use some rain.

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