



United States Department of Agriculture
National Agricultural Statistics Service



Crop Progress & Condition

New
Jersey



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Week ending April 10, 2016

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by the Northeastern Regional Field Office of NASS*

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Good Week for Field Work: New Jersey had an average of 5 days suitable for field work. Temperatures were colder this week, with daily temperatures in the low to mid- 40's and nightly temperatures hitting the low 20's across much of the state. There was some rain reported this week. The cold temperatures are having bad effects on fruits that are flowering and have slowed the growth. Conversely, this March was one of the warmest months compared to last year. Because of the warmer temperatures, it caused buds to push early and complete bloom during the first week of April for Peaches and Nectarines. These cold temperature have caused damage in few areas of southern Jersey. Growers don't know the actual damage of snow and cold weathers. Apple bloom is a couple of weeks late. For wine grape the buds are swelling. This cold weather may have slowed down the budding for the wine grapes. The following crops are being planted or transplanted: beets, cabbage, sweet corn (under plastic), kale, leeks, peas, Swiss chard and spinach. Overwinter spinach is growing with some close to harvesting.

Soil Moisture for Week Ending April 10, 2016

(in percent)

Item	Very Short	Short	Adequate	Surplus
TOPSOIL	0	16	57	27
SUBSOIL	1	9	66	24

Crop Conditions as of April 10, 2016

(in percent)

Item	Very Poor	Poor	Fair	Good	Excellent
HAY, ALFALFA	0	9	30	59	2
HAY OTHER	0	0	54	45	1
WINTER WHEAT	0	0	24	71	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."](#)

April 10, 2016 New Jersey Weekly Weather Summary

Station	Last Week Weather Summary						Accumulation Since April 1, 2016					
	Temperature				Precipitation		Precipitation			GDD Base 50F		Base 40F
	Hi	Lo	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total
Andover	58	20	36	-9	0.80	4	1.02	-0.28	7	29	+29	67
Belvidere_Bridg	56	19	35	-11	0.89	2	1.05	-0.25	4	21	+21	52
Cape_May	69	29	45	-5	0.77	3	2.15	+1.01	6	25	+11	78
Estell_Manor	70	22	42	-7	1.33	3	2.51	+1.30	6	32	+22	83
Flemington	58	20	38	-10	0.87	4	1.32	+0.02	6	27	+23	60
Freehold_Marlbo	62	23	41	-8	0.76	3	1.34	+0.04	5	31	+22	75
Hammonton	67	23	41	-9	1.25	5	1.84	+0.52	8	34	+19	85
Manasquan	62	25	41	-8	0.72	3	1.35	+0.05	6	28	+19	63
Marlton	65	23	41	-9	1.22	3	1.92	+0.60	6	36	+19	82
Millville	69	22	43	-7	1.21	4	2.03	+0.80	7	33	+17	93
Mt_Holly_NWS	63	23	40	-10	1.04	3	1.42	+0.21	5	31	+17	73
Newark	61	26	42	-9	0.62	3	0.81	-0.49	4	38	+22	87
New_Brunswick	63	23	40	-8	0.62	4	1.05	-0.28	6	33	+25	75
Pennsauken	63	24	41	-11	0.87	3	1.49	+0.19	6	31	+7	78
Seabrook_Farms	67	27	43	-7	1.53	3	2.40	+1.17	6	31	+15	88
Sussex_2NW	58	17	33	-12	0.90	3	1.35	-0.10	6	20	+20	51
Trenton	61	23	41	-7	0.38	3	0.60	-0.70	6	32	+25	78

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.

Cumberland County, Dr. Wesley L. Kline

Cold temperatures (frost and freezes) are having adverse effect on fruit crops that are flowering. It is too early to tell overall effect on yields. There has been some flower damage. Most fresh market vegetables are under row cover which has reduced possible damage. Asparagus fields are prepared for harvesting. When harvest starts depends on soil temperatures. Following crops are being planted or transplanted: beets, cabbage, sweet corn (under plastic), kale, leeks, peas, Swiss chard and spinach. Overwinter spinach is growing with some close to harvesting.

Gloucester County, Dr. Hemant Gohil

Peach and nectarine: After seeing one of the snowiest March in 2015, it was one of the warmest March in 2016. That caused buds to push early and complete bloom during first week of April in several early varieties of peach and nectarine. The cold temperature snap caused damage in several areas of southern Jersey. Though growers are still assessing the actual damage, the

combined snow and low temperature event could further harm the crops, depending on the sequence. It will take couple of weeks before knowing economic impact, after considering the thinning. Late blooming varieties damage is much less. Apple blooms are couple of weeks behind, hence escaped the level of damage that peach and nectarine suffered. Wine grape: The buds are swelling, however have not pushed, the cold snap may have slowed down bud push, but no damage.

Hunterdon County, Robert Mickel

Livestock producers need to continue to feed livestock as if in the winter mode. Pastures coming on slowly and not a lot of food value at this time.

Salem County, Jasen Berkowitz

Some light rain, tillage work being done, cooler temperature have slowed growth