



NJ-CW2412

## New Jersey Weather and Crop Bulletin

June 18, 2012

### The Blueberry Harvest Continues

For the week ending Sunday, June 17, 2012, there were 6 days suitable for field work. Topsoil moisture was rated at 10% short, 80% adequate, and 10% surplus. Subsoil moisture was rated at 10% short, 85% adequate, and 5% surplus. Pasture and Range condition was rated at 30% fair, 35% good, and 35% excellent. Temperatures reached highs in the mid 70s to the mid 80s and lows in the low 50s to the mid 50s across the Garden State.

Sixty percent of New Jersey's winter wheat has been harvested. The condition of the winter wheat crop was 10% fair, 75% good, and 15% excellent. Corn crops looked good. Producers were still planting soybeans. Barley harvesting has begun. The blueberry harvest continues. Other farming activities included irrigating fields, harvesting vegetables, and hay work. Producers are reporting increased insect damage. Army worm and flea beetle damage has been reported. Loopers were on the rise as well as the Colorado potato beetle. Livestock condition was good. Milk production was average.

### Climate summary for the week ending 8am June 18, 2012

Temperatures averaged near normal north and below normal central and south, averaging 67 degrees north, 67 degrees central, and 68 degrees south. Extremes were 86 degrees at Seabrook on June 12, 2012, and 50 degrees at New Brunswick on June 18, 2012.

Weekly rainfall averaged 0.91 inches north, 1.27 inches central, and 1.79 inches south. The heaviest 24 hour total reported was 2.71 inches at Seabrook on June 12, 2012 to June 13, 2012.

Estimated soil moisture, in percent of field capacity, this past week averaged 89 percent north, 85 percent central, and 82 percent south.

Four inch soil temperatures averaged 68 degrees north, 69 degrees central, and 70 degrees south.

### Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania Issued By Rutgers University- New Brunswick, NJ 8 am EDT Monday June 18, 2012

Rainfall amounts less than a tenth of an inch today, otherwise none through Tuesday. Winds for spraying southeast 5 to 10 mph today, south 5 to 10 mph tonight and Tuesday.

Relative humidity in percent 45 to 55 today, 90 to 100 tonight, 45 to 55 Tuesday. Dew points mid 50s today, upper 50s tonight, low 60s Tuesday.

Drying conditions fair today, fair Tuesday, light dew tonight, light dew Tuesday night. Percent of possible sunshine 10 today, 30 Tuesday.

There is a 20 percent probability of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rain-free period after application. Hay cutting will be fair today and Tuesday but then become good with hot weather moving in for Wednesday and Thursday with the next threat of showers Friday.

Soil moisture levels will continue to decrease over the next several days. Four inch soil temperatures are now in the upper 60s to low 70s and should increase slightly over the next several days. Growing degree day totals base 50 continue to run well ahead of normal.

The latest 8 to 14 day outlook for the period June 25, 2012 to July 1, 2012 is calling for temperatures to average above normal south and near normal north and precipitation to average above normal.

### Weather Summary for the Week Ending Monday, June 18, 2012

Weather Stations	Rainfall			Temperatures Last Week				Growing Degree Days <sup>1</sup>		Soil Moisture <sup>2</sup>
	Last Week	Since March 1		Max.	Min.	Avg.	Dept.*	Total	Dept.*	
		Total	Dept.*							
	Inches	Inches	Inches	Degrees	Degrees	Degrees	Degrees	Base 50°F	Base 50°F	Percent
<b>North</b>										
Belvidere Bridge .....	1.03	12.18	-1.52	81	54	67	-1	861	223	81
Canoe Brook.....	1.13	10.40	-4.45	81	54	68	-1	962	359	85
Charlotteburg.....	0.77	11.85	-3.05	79	52	66	0	860	403	87
Flemington.....	1.22	12.40	-1.75	82	52	68	-1	966	338	88
Newton .....	0.41	9.25	-4.13	79	54	68	1	903	382	72
<b>Central</b>										
Freehold .....	1.14	11.95	-2.01	79	52	67	-3	1,018	307	85
Long Branch .....	1.40	16.79	2.66	76	54	66	-3	854	206	75
New Brunswick.....	1.54	13.33	-0.34	81	50	68	-3	1,039	285	88
Toms River .....	1.52	11.25	-2.64	76	52	66	-3	823	179	77
Trenton .....	0.77	11.26	-1.41	80	55	69	-3	1,180	379	61
<b>South</b>										
Cape May C.H. ....	1.12	9.31	-2.98	77	51	64	-6	789	72	75
Downtown.....	1.46	9.06	-3.50	83	51	68	-3	1,061	239	73
Hammonton.....	1.11	10.78	-2.39	80	53	68	-3	1,091	298	70
Pomona .....	2.57	12.39	0.32	79	51	67	-3	1,036	313	72
Seabrook.....	2.71	12.50	0.60	86	54	71	0	1,245	417	71
South Harrison.....	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A

\* Departure from normal.

<sup>1</sup> Growing degree days since March 1, 2012, total and departure from normal or long term average.

<sup>2</sup> Estimated soil moisture as % of field capacity based on climate data.

<sup>3</sup> Data not available.

**JERSEY FRESH AVAILABILITY FOR JUNE 18, 2012**

<b>ARRUGULA</b>	Harvesting good quality in good quantity.
<b>BABY SPINACH &amp; ARUGULA</b>	Harvesting very good quality in fair to good quantity.
<b>BASIL</b>	Likes warm weather. Harvesting good quality in light to fair volume.
<b>BEETS</b>	Harvesting good quality product in good volume.
<b>BLUEBERRIES</b>	The widely planted Duke variety is harvesting excellent quality large berries in fair to good volume.
<b>CABBAGE</b>	Harvesting excellent quality product in good volume.
<b>CILANTRO</b>	A good volume of good quality Spring planted product harvesting.
<b>COLLARDS/KALE</b>	A good volume of good quality Spring planted products harvesting.
<b>CUCUMBERS</b>	Good quality Pickles harvesting in fair to good volume. Harvesting good quality cukes in fair to increasing volume.
<b>DANDELIONS</b>	Good quality bunched Spring planted Italian and San Pasquale varieties both harvesting in good quantity.
<b>DILL</b>	Harvesting very good quality in light to decreasing quantity.
<b>ESCAROLE &amp; ENDIVE</b>	Harvesting very good quality products in light to decreasing volume with the increasing seasonal warmth. Spring season finishing up.
<b>LEEKS</b>	A fair to good volume of good quality Spring planted harvesting.
<b>LETTUCES</b>	Seasonable warmth is finishing up the Spring season for the temperature sensitive Boston, & Red & Green Leaf lettuces. "Mucklands" of NW Jersey harvesting for a few more weeks. Harvesting the heartier Romaine in very good quality and light to decreasing volume.
<b>MINT</b>	Harvesting a good volume of very good quality product.
<b>PARSLEY</b>	Harvesting a good volume of very good quality curly and plain.
<b>PEACHES</b>	Early yellow varieties are harvesting in light to increasing volume. We are also picking some early Spring Snow and Sugar May white peaches. Expect commercial yellow peach volume by the beginning of July w/ white volume by mid-month.
<b>RADISHES</b>	Harvesting good quality product in light to decreasing volume. Seasonable warmth is curtailing the Spring season.
<b>SPINACH</b>	A good volume of good quality Spring planted product harvesting.
<b>SQUASH</b>	Green and yellow squash harvesting in fair to good volume.
<b>SWEET CORN</b>	Light volume of very good quality corn is already beginning. It will be another week before volume is available. Very good retail volume will be available for the 4th. Peak of season should be the middle of July.
<b>SWISS CHARD</b>	Harvest of good volume of very good quality product.
<b>TOMATOES</b>	Tunnel started and first field grown product starting in light volume and high prices with volume by the end of the month.
<b>TURNIPS</b>	Harvesting very good quality in light to decreasing quantity.

**JERSEY FRESH FORECAST**

<b>EGGPLANT &amp; PEPPERS</b>	Harvest will begin at end of month with tunnel started products in very light supply. Quantity will increase quickly with warming temperatures but it will be at least mid-July before significant volume is available. Peppers are always a few days ahead of eggplants.
<b>NECTARINES</b>	Harvest will start mid-July, with volume by the end of the month.