



**Agricultural Weather Advisory for New Jersey  
and Southeastern Pennsylvania  
Issued By Rutgers University  
New Brunswick, NJ  
8 Am EDT Monday, June 16, 2008**

Rainfall amounts one to two tenths of an inch today and tonight but with locally heavy amounts possible. Scattered totals of a tenth of an inch possible Tuesday.

Winds for spraying southwest 10 to 15 mph today, southwest 10 to 15 mph tonight, northwest 10 to 20 mph Tuesday.

Relative humidity in percent 50 to 60 today, 90 to 100 tonight, 45 to 55 Tuesday. Dew points 60 to 65 today and early tonight then dropping through the 50s to near 50 by late Tuesday. Drying conditions fair at best today, fair Tuesday. Frost freeze or dew scattered wetting in showers tonight and again Tuesday night. Percent of possible sunshine 30 today, 50 Tuesday.

There is a 70 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.

Temperatures in the representative cranberry bogs will remain above freezing tonight and Tuesday night.

Hay cutting runs a good chance of wetting later today and tonight. Drier and cooler air will move into the region on Tuesday and through much of the week but with a slight chance of a shower each afternoon.

The latest 8 to 14 day outlook for the period June 23, 2008 to June 29, 2008, is calling for temperatures to average near normal and precipitation to total near normal.

**Climate summary for the week ending 8am 6/16/08**

Temperatures averaged much above normal, averaging 76 degrees north, 77 degrees central, and 78 degrees south. Extremes were 100 degrees at Toms River and Hammonton on June 11, 2008, and 54 degrees at Charlotteburg on June 14, 2008.

Weekly rainfall averaged 0.88 inches north, 0.63 inches central, and 0.51 inches south. The heaviest 24 hour total reported was 1.13 inches at Pomona on June 15, 2008 through June 16, 2008.

Estimated soil moisture, in percent of field capacity, this past week averaged 79 percent north, 62 percent central, and 53 percent south.

Four inch soil temperatures averaged 76 degrees north, 77 degrees central, and 77 degrees south.

**Early Variety Blueberry Harvest Begins**

Days suitable for field work, for the week ending Sunday, June 15, 2008, were 6.0. Topsoil moisture was rated as 20% short, 75% adequate and 5% surplus. Subsoil moisture was rated as 90% adequate and 10% surplus. There were measurable amounts of rainfall for the week in most localities. Temperatures were well above normal during the week across the Garden State. Harvest of spring vegetables continued throughout the state. Farmers approached completion of corn and soybean planting. Hot weather continued to affect various crops including strawberries in south New Jersey. Peaches were sizing nicely, while some blueberry harvesting began. Producers continued planting, irrigating, and spraying.

**Weather Summary for the Week Ending Monday, June 16, 2008**

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			Percent
<b>North</b>										
Belvidere Bridge	0.57	14.48	1.04	96	59	77	9	769	167	66
Canoe Brook	1.75	15.66	1.06	98	57	77	9	781	215	95
Charlotteburg	0.44	14.72	0.10	94	54	74	9	646	221	69
Flemington	1.03	15.59	1.69	96	56	76	7	766	176	81
Newton	0.62	14.21	1.09	95	59	77	10	801	314	73
<b>Central</b>										
Freehold	0.51	11.70	-2.03	97	56	76	6	765	94	70
Long Branch	0.82	14.91	0.99	97	58	77	8	711	101	71
New Brunswick	0.66	13.37	-0.08	97	58	77	7	791	78	76
Toms River	0.59	12.96	-0.70	100	56	77	9	778	171	60
Trenton	0.58	14.16	1.70	96	62	78	7	874	116	55
<b>South</b>										
Cape May C.H.	0.51	11.32	-0.76	91	61	76	7	817	140	61
Downtown	0.03	12.49	0.11	99	58	78	7	890	110	41
Glassboro	0.98	13.71	0.42	97	63	79	8	971	211	70
Hammonton	0.36	10.97	-1.97	100	57	79	8	934	183	48
Pomona	1.13	13.32	1.44	98	59	79	9	887	204	84
Seabrook	0.04	12.70	1.03	97	63	79	8	971	185	38
South Harrison	0.28	13.46	0.38	97	62	79	NA	957	NA	NA

\* Departure from normal.

<sup>1</sup> Growing degree days since March 1, 2008, 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 16, 2008**

<b>ARUGULA</b>	Good quality and quantity.
<b>BABY SPINACH &amp; ARUGULA</b>	Harvesting in good quality and quantity. Not as affected by the heat.
<b>BASIL</b>	Harvesting good quality product in fair to increasing volume.
<b>BEETS</b>	Harvesting good quality in good quantity.
<b>BLUEBERRIES</b>	Minor quantities of early varieties like Weymouth started this weekend. Much more widely planted Duke variety starting the middle of the week with volume by the middle of next week.
<b>CABBAGE</b>	Now harvesting good quality product in fair to increasing volume.
<b>CILANTRO</b>	A good volume of good quality Spring planted available.
<b>COLLARDS</b>	Harvesting very good quality in good volume.
<b>CUCUMBERS</b>	Harvesting a good quantity of very good quality product.
<b>DANDELION</b>	Good quality Spring planted available.
<b>DILL</b>	Harvesting very good quality in good volume.
<b>ESCAROLE/ENDIVE</b>	Harvesting good quantities of very good quality product.
<b>KALE</b>	Very good quantity and quality of new product available.
<b>LEEKS &amp; GREEN ONIONS</b>	A good volume of good quality product is available.
<b>LETTUCE</b>	Hot temperatures are hastening the end of the Spring season. Leaf products in good quality but light to decreasing quantities through the end of June. Romaine tolerates the heat a bit better.
<b>MINT</b>	Good quality harvesting in good quantity.
<b>PARSLEY</b>	Very good quality Spring planted curly and plain product available in good quantities.
<b>PICKLES</b>	Harvesting a good quantity of very good quality product.
<b>RADISHES</b>	Harvesting a fair to declining quantity of good quality product.
<b>SPINACH</b>	Fair to decreasing volume of excellent quality Spring product.
<b>STRAWBERRIES</b>	Finishing. The heat has hastened the ripening of the rest of our crop.
<b>SQUASH</b>	Harvesting good quantities of very good quality Yellow & Zucchini.
<b>SWISS CHARD</b>	A good volume of excellent quality Spring product available.
<b>TURNIPS</b>	Harvesting good quality and quantity of product.

**JERSEY FRESH FORECAST**

<b>SWEET CORN</b>	Harvest should begin the last week of June. Good quality and light to fair quantity expected for the 4 <sup>th</sup> . Peak of season should be the third week of July.
<b>TOMATOES</b>	Tunnel started product beginning next week in very light volume and high prices. Light volume of field grown starting the 30 <sup>th</sup> with decent volume expected the week of July 7 <sup>th</sup> .