



**Weather Advisory for New Jersey  
And Southeastern Pennsylvania  
Issued by Rutgers University  
New Brunswick, NJ  
8 am EDT Monday, June 23, 2008**

Rainfall amounts one to two tenth of an inch with locally heavy amounts possible each period through Tuesday. Winds for spraying southwest around 10 mph today, southwest 5 mph tonight, northwest around 10 mph Tuesday.

Relative humidity in percent 60 to 70 today, near 100 tonight, 55 to 65 Tuesday. Dew points mid to upper 60s today and tonight, low 60s Tuesday. Drying conditions generally poor today, fair at best Tuesday. Frost freeze or some dew as well as possible wetting in a shower tonight and Tuesday night. Percent of possible sunshine 20 today, 30 Tuesday.

There is a 50 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 will be poor today and only fair Tuesday along with scattered wetting in showers possible both days.

Estimated soil moisture in percent of field capacity is now below 50 percent at many southern locations and the need for irrigation is increasing. Precipitation totals over the next 48 hours will be spotty with some locally heavy amounts possible but with other areas only receiving modest amounts.

Precipitation totals since March 1, 2008 are running fairly close to long term normal at most locations and growing degree day totals base 50 are running ahead of normal.

The latest 8 to 14 day outlook for the period June 30, 2008 to July 6, 2008 is calling for temperatures to average above normal and precipitation to total above normal.

**Climate summary for the week ending 8am 6/23/08**

Temperatures averaged below normal, averaging 67 degrees north, 69 degrees central, and 71 degrees south. Extremes were 88 degrees at several locations on June 17, 2008, and 48 degrees at Charlotteburg on June 19, 2008.

Weekly rainfall averaged 0.62 inches north, 0.15 inches central, and 0.13 inches south. The heaviest 24 hour total reported was 0.60 inches at Charlotteburg on June 20, 2008 to June 21, 2008.

Estimated soil moisture, in percent of field capacity, this past week averaged 83 percent north, 66 percent central, and 55 percent south.

Four inch soil temperatures averaged 68 degrees north, 70 degrees central, and 71 degrees south.

**Hay Harvesting Begins**

Days suitable for field work, for the week ending Sunday, June 22, 2008, were 6.0. Topsoil moisture was rated as 30% short and 70% adequate. Subsoil moisture was rated as 15% short and 85% adequate. There were measurable amounts of rainfall for the week in some localities. Temperatures were below normal during the week across the Garden State. Field preparation for planting and harvesting of summer vegetables continued. Soybeans looked good while corn reported up to 30 inches in the southern district. Farmers began to bale hay throughout the state. In southern New Jersey, blueberries were hand-picked as they ripened. Cranberries are still in bloom. Other activities included irrigating, spraying, and top dressing.

**Weather Summary for the Week Ending Monday, June 23, 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	0.31	14.79	0.44	86	51	68	-1	895	163	64
Canoe Brook	0.80	16.46	0.97	87	50	68	-1	907	209	93
Charlotteburg	1.13	15.85	0.25	82	48	64	-2	749	212	84
Flemington	0.21	15.80	1.03	86	49	67	-3	887	161	81
Newton	0.63	14.84	0.81	84	51	67	-1	920	311	75
<b>Central</b>										
Freehold	0.30	12.00	-2.54	87	50	70	-1	907	94	65
Long Branch	0.12	15.03	0.38	82	55	68	-2	841	94	55
New Brunswick	0.20	13.57	-0.64	86	51	69	-3	927	66	73
Toms River	0.06	13.02	-1.43	85	52	69	-1	916	175	46
Trenton	0.05	14.21	1.00	87	53	69	-3	1,009	98	44
<b>South</b>										
Cape May C.H.	0.25	11.07	-1.75	88	54	71	0	973	154	40
Downstown	0.06	12.55	-0.53	87	52	69	-3	1,025	93	36
Glassboro	0.00	13.71	-0.42	88	56	72	0	1,126	215	50
Hammonton	0.07	11.04	-2.71	88	53	71	-1	1,083	180	40
Pomona	0.16	13.48	0.95	88	53	70	-1	1,032	207	59
Seabrook	0.26	12.96	0.48	88	54	72	0	1,124	186	41
South Harrison	0.07	13.53	-0.43	88	54	71	NA	1,106	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 23, 2008**

<b>ARUGULA</b>	A fair to decreasing volume and quality with warming temperatures.
<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 good volume.
<b>BEETS</b>	Harvesting good quality in good quantity.
<b>BLUEBERRIES</b>	Much more widely planted Duke variety started the middle of last week with good volume by the middle of this week.
<b>CABBAGE</b>	Now harvesting good quality product in good 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>	A fair to decreasing volume and quality with warming temperatures.
<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 fair quality and light to decreasing quantities through next week. Romaine tolerates the heat a bit better.
<b>MINT</b>	Good quality harvesting in good quantity. Likes the heat.
<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>	Heat causing a fair to decreasing volume of good quality product.
<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>TOMATOES</b>	Starting to harvest in very light volume and high prices. Light volume starting the 30 <sup>th</sup> with fair volume expected the week of July 7 <sup>th</sup> .
<b>TURNIPS</b>	Harvesting good quality and quantity of product.

**JERSEY FRESH FORECAST**

<b>CANTALOUPE</b>	Available in mid July with volume available a week or so later.
<b>EGGPLANT &amp; PEPPERS</b>	Harvest will begin in mid July with eggplant a little bit ahead of peppers. Volume increasing each week thereafter.
<b>NECTARINES</b>	Early nectarines starting about mid July with Easternglo, with a steady supply from early August through the early part of Sept.
<b>PEACHES</b>	Yellow peach volume will start with the Sentry "cling" variety after the 4 <sup>th</sup> of July with fair volume by mid-month. Redhaven "clingless" varieties starting mid-July. Good yellow volume expected by the third week of July through early September. White peach volume begins with the White Lady variety in late July or early August through mid-September.
<b>SWEET CORN</b>	Harvest should begin next week. Good quality and light to fair quantity expected for the 4 <sup>th</sup> . Fair volume for the week of the 7 <sup>th</sup> . Peak of season should be the third week of July.