



**Weather Advisory for New Jersey  
and Southeastern Pennsylvania  
Issued By Rutgers University  
New Brunswick NJ  
8 am EDT Monday, May 19, 2008**

**Climate Summary for the Week Ending 8am 5/19/08**

Rainfall amounts, none today and tonight, tenth of an inch Tuesday. Winds for spraying, west 10 to 20 mph today, southwest 5 to 10 mph tonight, south 10 to 15 mph Tuesday. Relative humidity in percent, 40 to 50 today, 90 to 100 tonight, 50 to 60 Tuesday. Dew points, low 40s today, upper 30s tonight, mid 40s Tuesday. Drying conditions, good today, fair Tuesday but possible areas of poor. Frost freeze or dew, light dew tonight, but wetting in showers is possible Tuesday night. Percent of possible sunshine, 50 today, 30 Tuesday.

Temperatures averaged much below normal, averaging 56 degrees north, 57 degrees central, and 59 degrees south. Extremes were 79 degrees at Hammonton and Canoe Brook on May 15, 2008, and 38 degrees at Canoe Brook, Belvidere and Newton on May 13, 2008.

There is less than a 10 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.

Weekly rainfall averaged 1.66 inches north, 2.02 inches central, and 1.63 inches south. The heaviest 24 hour total reported was 1.30 inches at Charlotteburg and Long Branch on May 16, 2008 through May 17, 2008.

Estimated soil moisture, in percent of field capacity, this past week averaged 98 percent north, 97 percent central, and 96 percent south.

Four inch soil temperatures averaged 56 degrees north, 57 degrees central, and 59 degrees south.

**Strawberry Harvest Begins**

Temperatures in the representative cranberry bogs could fall to 26 to 30 if winds subside tonight but should remain above freezing with clouds Tuesday night.

Days suitable for field work, for the week ending Sunday, May 18, 2008, were 4.0. Topsoil moisture was rated as 80% adequate and 20% surplus. Subsoil moisture was rated as 80% adequate and 20% surplus. There were measurable amounts of rainfall for the week in most localities. Temperatures were below normal during most of the week across the Garden State. Producers continued planting corn and soybeans throughout the state. Flower petals fell from apple trees in northern district. Harvest of strawberries began in north and south New Jersey. Cereal rust mites presence remained in central district. Other activities included mowing, planting, fertilizing, and spraying.

Hay cutting will see good drying today but then a risk of showers Tuesday afternoon.

The latest 8 to 14 day outlook for the period May 26, 2008, to June 1, 2008, is calling for temperatures to average below normal and precipitation to total below normal.

**Weather Summary for the Week Ending Monday, May 19, 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.*							
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Base 50°F</i>	<i>Base 50°F</i>	<i>Percent</i>
<b>North</b>										
Belvidere Bridge	1.82	12.45	2.46	77	38	56	-5	273	87	100
Canoe Brook	1.65	11.96	0.93	79	38	57	-3	269	106	100
Charlotteburg	1.72	12.60	1.74	76	41	55	-3	220	122	100
Flemington	1.73	11.66	1.18	76	39	56	-4	263	88	100
Newton	1.38	12.14	2.47	77	38	57	-2	321	195	100
<b>Central</b>										
Freehold	1.68	8.56	-1.87	77	40	59	-3	274	51	100
Long Branch	1.91	10.51	-0.26	73	44	56	-5	195	7	98
New Brunswick	1.87	10.33	0.13	77	41	57	-5	273	24	100
Toms River	2.58	10.48	0.04	74	40	57	-5	273	65	100
Trenton	2.05	9.83	0.39	76	42	58	-5	347	67	100
<b>South</b>										
Cape May C.H.	1.48	7.99	-1.16	76	42	58	-4	319	72	100
Downstown	1.79	9.89	0.48	78	42	59	-4	367	76	100
Glassboro	2.04	9.62	-0.36	77	44	59	-4	401	123	100
Hammonton	1.56	8.31	-1.40	79	42	59	-4	389	118	100
Pomona	1.49	9.74	0.62	76	40	58	-4	348	123	95
Seabrook	1.42	9.89	1.33	77	44	60	-3	411	115	100
South Harrison	2.72	10.52	1.30	77	42	61	NA	398	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 MAY 19, 2008**

<b>ARUGULA</b>	Good quality and quantity.
<b>ASPARAGUS</b>	Harvesting good quality and quantity.
<b>BABY SPINACH &amp; ARUGULA</b>	Both harvesting in good quality and quantity.
<b>BEETS</b>	Harvesting good quality in good quantity.
<b>CILANTRO</b>	A good volume of good quality Spring planted available.
<b>COLLARDS</b>	Harvesting very good quality in good volume.
<b>DANDELION</b>	Good quality Spring planted becoming available.
<b>DILL</b>	Harvesting very good quality in good volume.
<b>ESCAROLE &amp; ENDIVE</b>	Harvesting fair quantities of good quality product with volume increasing over the next couple of weeks.
<b>KALE</b>	Very good quality new product becoming available.
<b>LEEKS &amp; GREEN ONIONS</b>	A fair volume of good quality over-wintered product is available now and for some time.
<b>LETTUCE</b>	Boston, Bibb, Red & Green Leaf, and Romaine all harvesting in very good quality and good quantities.
<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>RADISHES</b>	Harvesting a good quantity of good quality product.
<b>SPINACH</b>	Good volume of excellent quality Spring planted available now.
<b>STRAWBERRIES</b>	Early harvests of berries began last week, with increasing volume over the next two weeks. The bulk of the crop will be harvested towards the end of next week, with lower volumes to continue through early June.
<b>SWISS CHARD</b>	A good volume of excellent quality Spring planted available now.

**JERSEY FRESH FORECAST**

<b>BASIL</b>	Likes warmer weather. Should be ready by mid-June.
<b>BLUEBERRIES</b>	Minor quantities of early varieties like Weymouth starting in mid-June. Much more widely planted Duke variety starting 3-4 days later with volume available a week after that.
<b>CABBAGE</b>	Won't be ready until mid-June.
<b>CUCUMBERS &amp; PICKLES</b>	Harvesting light quantities of tunnel grown by mid-June. Field grown will be available in volume ten days to two weeks later. Tunnel started Pickles should be ready by the first week of June.
<b>SQUASH</b>	Should begin harvesting light quantities of Yellow/Zucchini started in tunnels by the end of the month. Quantities of field grown won't be available until mid-June.
<b>TURNIPS</b>	Should begin harvesting in early June.