



**Agricultural Weather Advisory For New Jersey
And Southeastern Pennsylvania
Issued by Rutgers University
New Brunswick, NJ
8 am EDT Tuesday, June 30, 2009**

No rainfall this morning but scattered totals a quarter of an inch this afternoon, tonight, and again Wednesday. Winds for spraying southwest 5 to 10 mph today, west around 5 mph tonight, west around 5 mph Wednesday.

Relative humidity in percent 40 to 50 today, 90 to 100 tonight, 40 to 50 Wednesday. Dew points upper 50s to low 60s through Wednesday. Drying conditions fair to good today, fair to good Wednesday. Some dew as well as possible wetting in a shower tonight and Wednesday night. Percent of possible sunshine 30 today, 20 Wednesday.

There is 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.

Overnight low temperatures in the representative cranberry bogs will remain above freezing tonight through Sunday night. This is the last temperature forecast until the cooler temperatures of fall move in. Cranberry scald forecasts will begin tomorrow.

Hay cutting will see fair drying over the next few days but there will be a moderate threat of scattered wetting in a shower each day through Thursday.

The latest 8 to 14 day outlook for the period July 7, 2009 to July 13, 2009 is calling for temperatures to average below normal and precipitation to average near normal.

Climate summary for the week ending 8am 6/29/09

Temperatures averaged near normal central and south, and above normal north, averaging 71 degrees north, 72 degrees central, and 73 degrees south. Extremes were 89 degrees at Hammonton on June 27, 2009, and 57 degrees at Newton on June 28, 2009.

Weekly rainfall averaged 0.55 inches north, 0.90 inches central, and 0.25 inches south. The heaviest 24 hour total reported was 1.12 inches at Toms River on June 26, 2009 to June 27, 2009.

Estimated soil moisture, in percent of field capacity, this past week averaged 89 percent north, 90 percent central, and 74 percent south.

Four inch soil temperatures averaged 69 degrees north, 71 degrees central, and 71 degrees south.

Field Crops Affected By Rainfall

Days suitable for field work, for the week ending Sunday, June 28, 2009, were 3.5. Topsoil moisture was rated as 55% adequate and 45% surplus. Subsoil moisture was rated as 60% adequate and 40% surplus. There were measurable amounts of rainfall for the week in all localities. Temperatures were variable across the Garden State. Rainfall prevented producers from harvesting cover crops and delayed the plantings of summer crops. Farmers expressed their concern about wheat quality. Field corn showed signs of stress from excessive moisture and cool temperatures. Harvest of asparagus and spinach were complete. Peaches were sizing nicely and blueberry harvesting continued. Other activities included spraying fields, side-dressing nitrogen on corn, and repairing equipment.

Weather Summary for the Week Ending Monday, June 29, 2009

Weather Stations	Rainfall			Temperatures Last Week				Growing Degree Days ¹		Soil Moisture ²
	Last Week	Since March 1		Max.	Min.	Avg.	Dept.*	Total	Dept.*	
		Total	Dept.*							
	Inches	Inches	Inches	Degrees	Degrees	Degrees	Degrees			Percent
North										
Belvidere Bridge	0.69	14.81	-0.31	84	58	71	1	902	52	83
Canoe Brook ³	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Charlotteburg	0.23	13.85	-2.59	83	59	70	3	820	181	78
Flemington	0.30	16.62	1.10	86	58	72	1	1,004	155	77
Newton	0.98	14.31	-0.51	82	57	70	1	882	164	96
Central										
Freehold	0.48	17.85	2.62	87	59	72	0	1,041	100	83
Long Branch	0.48	18.81	3.53	86	64	71	0	872	1	73
New Brunswick	1.17	17.54	2.68	87	59	73	-1	1,044	44	90
Toms River	1.86	18.32	3.18	88	62	72	0	952	85	86
Trenton	0.52	16.56	2.71	88	62	74	1	1,126	77	69
South										
Cape May C.H.	0.38	16.97	3.52	87	62	72	0	1,053	105	64
Downstown	0.22	13.24	-0.47	88	61	73	0	1,126	58	57
Glassboro	0.05	18.83	3.98	88	62	75	2	1,196	149	53
Hammonton	0.41	14.34	-0.11	89	62	74	1	1,218	178	55
Pomona	0.36	18.50	5.42	88	63	73	1	1,156	203	65
Seabrook	0.10	14.88	1.71	88	54	72	-1	1,122	47	57
South Harrison ³	0.09	N/A	N/A	88	64	75	N/A	N/A	N/A	N/A

* Departure from normal.

¹ Growing degree days since March 1, 2009, total and departure from normal or long term average.

² Estimated soil moisture as % of field capacity based on climate data.

³ Data not available for all historic comparisons

JERSEY FRESH AVAILABILITY FOR JUNE 29, 2009

ARUGULA	Harvesting a fair to decreasing volume and quality of products with warming temperatures.
BABY SPINACH & ARUGULA	Growers continue to have problems w/ weather interrupted planting and harvesting schedules, continue to expect supply gaps over the next month.
BASIL	Likes warmer weather and growing slowly due to the cool weather. Tunnel grown product available in fair volume with field grown starting.
BEEETS	Harvesting good quality and quantity.
BLUEBERRIES	The widely planted Duke variety harvesting in very good quality and good volume. The next three weeks will provide our largest volume of the season. The rains that we've had have provided excellent sizing.
CABBAGE	Harvesting a good volume of excellent quality product that's benefited greatly from all of our recent wet weather.
CILANTRO	A very light and inconsistent volume of fair to good quality product due to disrupted planting schedules. Slowing down with the rising temperatures.
COLLARDS	Harvesting good quality and quantity.
CUCUMBERS	Harvesting fair to good quantities of very good field grown product.
DANDELIONS	A fair to good quantity of very good quality Spring planted product.
DILL	Harvesting a light volume in fair to good quality.
ESCAROLE & ENDIVE	Harvesting a good quality and fair to decreasing volume and quality as the temperatures increase.
KALE	A fair to good quantity of good quality product.
LEEKS	A fair volume of good quality product is available.
MINT	Good quality harvesting in good quantity. Likes warmer temperatures.
LETTUCES	Finishing up in with the increasing temperatures. Romaine tolerates the heat a bit better. "Mucklands" of NW Jersey harvesting for a few more weeks.
PARSLEY	Fair to good quantities of good quality curly and plain.
RADISHES	Harvesting good quality product in fair to declining volume. Does not like the increasing temperatures and volume will fade during the Summer heat.
SPINACH	A fair to good volume of good quality Spring product. The increasing heat will slow production.
SQUASH	Harvesting good quantities of very good quality product.
SWEET CORN	Harvest of good quality tunnel corn starting in very light volume. Slow growing in cool weather is resulting in a light quantity for the 4 th . It could be several weeks before any kind of retail volume is available. Peak of season should be the end of July.
SWISS CHARD	Harvesting fair to good quality in fair to decreasing volume.
TOMATOES	Tunnel started product beginning later this week in very light volume and high prices. Field grown starting this week with light volume expected for the 4 th . Several weeks before retail volume.
TURNIPS	Harvesting good quality in good volume.

JERSEY FRESH FORECAST

EGGPLANT & PEPPERS	Harvest will begin next week with tunnel started products in very light supply, with eggplant a few days ahead of peppers. Volume increasing quickly each week thereafter, especially with warmer temperatures.
NECTARINES	Early nectarines starting about mid-July with Easternglo, with a steady supply from early August through the early part of September
PEACHES	Yellow peach volume will start with the early "cling" varieties after the 4 th of July with fair volume by mid-month. The widely planted John Boy "clingless" varieties starting the third week of July. Good yellow volume expected by the end of July through early September. White peach volume begins with the White Lady variety in early August through mid-September.