



**Weather Advisory for New Jersey
And Southeastern Pennsylvania
Issued by Rutgers University
New Brunswick, NJ
8 am EDT Monday, June 30, 2008**

Rainfall amounts tenth of an inch with isolated locally heavy amounts possible today and early tonight, none Tuesday. Winds for spraying southwest around 10 mph today, and tonight, northwest around 10 mph Tuesday.

Relative humidity in percent 50 to 60 today, near 100 tonight, 35 to 45 Tuesday. Dew points upper 60s today, low 60s tonight, dropping to the mid 50s by later Tuesday. Drying conditions fair today with some locally poor areas, becoming good Tuesday. Some dew as well as possible wetting in a shower tonight, light dew Tuesday night. Percent of possible sunshine 40 today, 60 Tuesday.

There is a 30 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 for the next several nights. This is the last temperature forecast until conditions warrant it later in the season. Scald forecasts will begin tomorrow.

Hay cutting will only be fair with high humidity levels and a chance of scattered showers once again today. Drier air will move into the region for Tuesday and Wednesday.

Estimated soil moisture in percent of field capacity has improved in many locations with locally heavy rainfall over the past 48 hours in some locations, but still remains short in some areas.

The latest 8 to 14 day outlook for the period July 7, 2008 to July 13, 2008 is calling for temperatures to average near normal and precipitation to total above normal.

Climate summary for the week ending 8am 6/30/08

Temperatures averaged much above normal, averaging 73 degrees north, 76 degrees central, and 77 degrees south. Extremes were 96 degrees at Pomona and Hammonton on June 28, 2008, and 53 degrees at Flemington and Freehold on June 25, 2008.

Weekly rainfall averaged 0.21 inches north, 1.14 inches central, and 0.60 inches south. The heaviest 24 hour total reported was 2.91 inches at New Brunswick on the June 29, 2008 to June 30, 2008.

Estimated soil moisture, in percent of field capacity, this past week averaged 77 percent north, 63 percent central, and 54 percent south.

Four inch soil temperatures averaged 70 degrees north, 73 degrees central, and 74 degrees south.

Wheat and Barley Harvesting Continues

Days suitable for field work, for the week ending Sunday, June 29, 2008, were 6.0. Topsoil moisture was rated as 2% very short, 40% short, 55% adequate, and 3% surplus. Subsoil moisture was rated as 30% short and 70% adequate. There were measurable amounts of rainfall for the week in some localities. Temperatures were above normal during the week across the Garden State. Harvest of asparagus, spring spinach, and peas are complete. Non-irrigated crops displayed signs of stress due to hot weather and lack of rain throughout the state. Producers continued hay, wheat, and barley harvesting. In the northern district, peach tree thinning has finished and is expecting a good crop. Blueberries remained in high demand as harvesting continued. Other activities included planting, irrigating, and spraying.

Weather Summary for the Week Ending Monday, June 30, 2008

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	0.48	15.27	0.02	87	56	74	4	1,065	195	67
Canoe Brook	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Charlotteburg	0.21	16.06	-0.52	87	55	72	4	902	245	73
Flemington	0.12	15.92	0.27	89	53	73	2	1,051	181	70
Newton	0.04	14.88	-0.07	87	56	73	4	1,085	348	69
Central										
Freehold	0.46	12.46	-2.89	91	53	75	3	1,084	121	69
Long Branch	0.39	15.42	0.04	90	60	75	4	1,019	127	48
New Brunswick	3.58	17.15	2.18	91	56	75	1	1,107	83	100
Toms River	0.86	13.88	-1.37	95	55	76	4	1,098	209	60
Trenton	0.40	14.61	0.65	92	57	76	2	1,194	121	49
South										
Cape May C.H.	0.07	11.14	-2.41	92	59	77	5	1,162	192	36
Downtown	1.56	14.11	0.30	94	55	76	3	1,211	120	85
Glassboro	0.34	14.05	-0.92	93	61	77	4	1,320	250	45
Hammonton	0.42	11.46	-3.11	96	56	77	4	1,273	210	45
Pomona	0.61	14.09	0.89	96	58	78	6	1,227	252	47
Seabrook	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
South Harrison	0.14	13.67	-1.18	92	61	77	NA	1,300	NA	NA

* Departure from normal.

¹ Growing degree days since March 1, 2008, 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.

JERSEY FRESH AVAILABILITY FOR JUNE 30, 2008

ARUGULA & CILANTRO	A fair to decreasing volume and quality of products with warming temperatures.
BABY SPINACH & BABY ARUGULA	Harvesting in good quality and quantity. Not as affected by the heat.
BASIL	Harvesting good quality product in good volume.
BEETS	Harvesting good quality in good quantity.
BLUEBERRIES	Excellent quality Duke variety berries harvesting in good volume.
CABBAGE	Now harvesting good quality product in good volume.
COLLARDS	Harvesting very good quality in good volume.
CUCUMBERS/PICKLES	Harvesting a good quantity of very good quality product.
DANDELION	Good quality Spring planted San Pasquale variety available.
DILL	Harvesting very good quality in good volume.
ESCAROLE/ENDIVE	A light to decreasing volume and quality with warm temperatures.
KALE	Very good quantity and quality of product available.
LEEK & GREEN ONIONS	A good volume of good quality product is available.
LETTUCE	Finishing up. Leaf products in fair quality and decreasing quantities. Romaine tolerates the heat a bit better.
MINT	Good quality harvesting in good quantity. Likes the heat.
PARSLEY	Very good quality Spring planted curly and plain product available in good quantities.
PEACHES	The harvest of excellent yellow peach Sentry “cling” variety has started in very light volume. Fair volume by next week. Redhaven “clingless” varieties starting third week of July with good volume expected by the end of the month through early September. White peach volume begins with the White Lady variety in late July or early August through mid-September.
RADISHES	Harvesting a fair to declining quantity of good quality product.
SPINACH	Finishing up. Heat causing a decreasing volume of good product.
SQUASH	Harvesting good quantities of very good quality Yellow & Zucchini.
SWEET CORN	Harvest beginning with good quality and light to fair quantity expected for the 4 th . Fair volume for the week of the 7 th . Peak of season should be the third week of July.
SWISS CHARD	A fair to decreasing volume of excellent quality product available.
TOMATOES	Harvesting very good quality in light volume and high prices. Fair volume expected next week.
TURNIPS	Harvesting good quality and quantity of product.

JERSEY FRESH FORECAST

CANTALOUPE	Available in mid July with volume available a week or so later.
EGGPLANT & PEPPERS	Harvest will begin in mid-July with eggplant a little bit ahead of peppers. Volume increasing each week thereafter.
NECTARINES	Early nectarines starting in mid-July with Easternglo, with a good steady supply from early August through the early part of Sept.