



**Weather Advisory for New Jersey
And Southeastern Pennsylvania
Issued by Rutgers University
New Brunswick, NJ
8 am EDT Monday, July 14, 2008**

Rainfall amounts one to two tenths of an inch with locally higher amounts today, none tonight and Tuesday. Winds for spraying west 5 to 10 mph today, light northwest tonight, northwest 5 to 10 mph Tuesday. Relative humidity in percent 50 to 60 today, 90 to 100 tonight, 40 to 50 Tuesday. Dew points dropping from the mid 60s this morning to the upper 50s by late Tuesday. Drying conditions fair at best today, good Tuesday. Light dew tonight, light dew Tuesday night. Percent of possible sunshine 30 today, 90 Tuesday.

There is a 50 percent early then 20 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.

Conditions will be unfavorable for cranberry scald today but may be favorable on Tuesday. Hay cutting runs the risk of wetting in showers especially this morning then good conditions Tuesday through most of the week. With little additional precipitation expected for the remainder of the week after today the need for irrigation will be increasing. Growing degree day totals base 50 since March 1, 2008 continue to run well ahead of normal. Precipitation totals are averaging near normal in some locations to below normal in others.

The latest 8 to 14 day outlook for the period July 21, 2008 to July 27, 2008 is calling for temperatures to average above normal and precipitation to total near normal.

Climate summary for the week ending 8am 7/14/08

Temperatures averaged above normal, averaging 76 degrees north, 76 degrees central, and 77 degrees south. Extremes were 94 degrees at Canoe Brook on July 9, 2008, and 54 degrees at Charlotteburg on July 12, 2008.

Weekly rainfall averaged 0.54 inches north, 0.31 inches central, and 0.40 inches south. The heaviest 24 hour total reported was 1.33 inches at Glassboro on July 9, 2008 to July 10, 2008.

Estimated soil moisture, in percent of field capacity, this past week averaged 75 percent north, 63 percent central, and 67 percent south.

Four inch soil temperatures averaged 74 degrees north, 75 degrees central, and 76 degrees south.

Early Variety Peach Harvest Begins

Days suitable for field work, for the week ending Sunday, July 13, 2008, were 6.0. Topsoil moisture was rated as 15% very short, 40% short and 45% adequate. Subsoil moisture was rated as 40% short and 60% adequate. There were measurable amounts of rainfall for the week in few localities. Temperatures were above normal during the week across the Garden State. Summer vegetable harvesting began throughout New Jersey. Hot weather and lack of rainfall continued to affect crops as signs of heat stress became apparent. Irrigation was necessary for grapes in the southern district. Some peach harvesting began and early varieties are available. There was report of armyworm damage in field corn and timothy hay in south Jersey. Producers continued planting soybeans, harvesting wheat and rye, baling hay, and spraying corn.

Weather Summary for the Week Ending Monday, July 14, 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.*	
	<i>Inches</i>	Total	Dept.*					<i>Base 50°F</i>	<i>Base 50°F</i>	<i>Percent</i>
North										
Belvidere Bridge	0.72	16.81	-0.39	90	58	77	5	1,421	274	77
Canoe Brook	1.04	18.07	-0.23	94	56	76	3	1,411	264	80
Charlotteburg	0.00	16.90	-1.59	87	54	74	4	1,220	299	66
Flemington	0.91	17.30	-0.32	93	56	76	2	1,406	222	80
Newton	0.01	15.91	-0.91	88	56	76	5	1,430	414	69
Central										
Freehold	0.31	12.92	-4.25	90	58	75	1	1,432	147	62
Long Branch	0.00	15.62	-1.51	87	61	75	1	1,368	158	34
New Brunswick	0.63	18.15	1.20	91	58	77	2	1,482	120	73
Toms River	0.35	14.51	-2.84	90	58	75	1	1,447	227	42
Trenton	0.26	15.97	-0.06	89	61	77	1	1,563	144	56
South										
Cape May C.H.	0.04	12.49	-2.68	87	62	75	0	1,519	217	53
Downstown	0.25	16.00	0.25	89	60	76	1	1,578	146	61
Glassboro	1.79	16.04	-0.79	89	64	78	3	1,709	298	78
Hammonton	0.06	12.57	-4.07	90	61	77	1	1,651	245	43
Pomona	0.10	14.89	-0.13	90	61	77	3	1,612	312	40
Seabrook	0.15	15.12	-0.08	89	64	77	1	1,695	254	55
South Harrison	0.18	13.96	-2.98	90	63	78	NA	1,681	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.

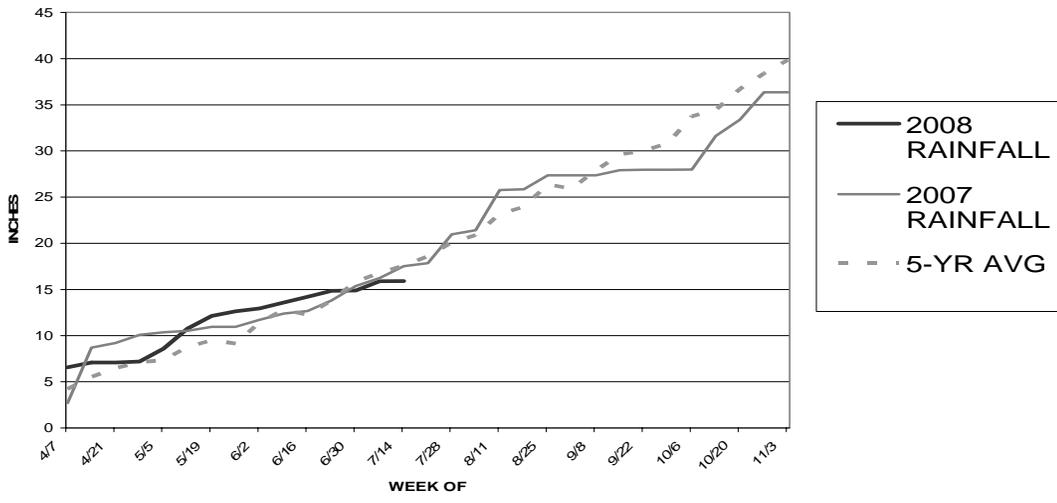
JERSEY FRESH AVAILABILITY FOR JULY 14, 2008

ARUGULA & CILANTRO	A light volume and fair quality of products with hot 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 & size. An outstanding crop this year. Finishing up Duke variety. Bluecrop harvesting in good to declining volume with the late variety Elliott harvesting next and available into early Aug.
CABBAGE	Harvesting good quality product in good volume.
CANTALOUPE	Harvesting in fair to increasing volume and very good quality. Should have product thru Labor Day.
COLLARDS	Harvesting 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.
EGGPLANT & PEPPERS	Just starting to harvest good quality in very light volume. Volume increasing each of the next several weeks.
ESCAROLE/ENDIVE	Finishing up with the hot temperatures. Will be back in the Fall.
KALE	Very good quantity and quality of product available.
LEEK & GR. ONIONS	A good volume of good quality product is available.
LETTUCE	Finishing up. Will be back in the Fall.
MINT	Good quality harvesting in good quantity. Likes the heat.
NECTARINES	Eastern glo starting with volume building over several weeks. Expect a good steady supply from early Aug. through the early part of Sept.
PARSLEY	Very good quality Spring planted curly and plain product available in good quantities.
PEACHES	The harvest of excellent quality yellow Sentry variety “cling” peaches started last week and is now in fair volume. Most of these peaches are smaller sizes. Redhaven “clingless” varieties starting next week with good volume expected by the end of the month through early Sept. White peach volume begins with the White Lady variety in late July or early August through mid-Sept.
RADISHES	Finishing up due to warm weather. Will be back in the Fall.
SPINACH	Finishing up. Heat causing a decreasing volume of good product.
SQUASH	Harvesting good quantities of very good quality Yellow & Zucchini.
SWEET CORN	Harvesting good quality and fair to good quantity. Peak of season should be the next couple of weeks.
SWISS CHARD	A fair to decreasing volume of good quality product available.
TOMATOES	Harvesting very good quality in fair volume and high prices. Good volume expected next week with this hot weather.
TURNIPS	Harvesting good quality and fair quantity of product.

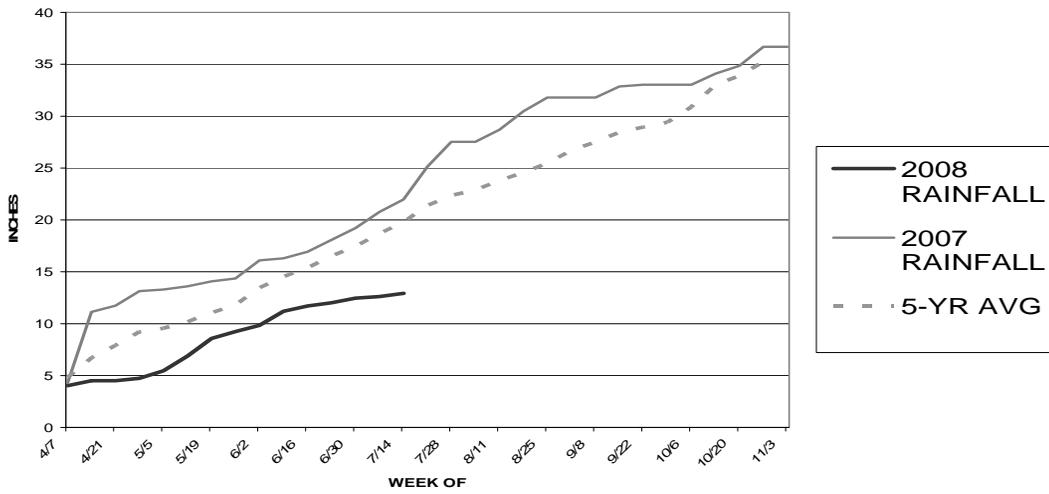
JERSEY FRESH FORECAST

WHITE POTATOES	Next week, we'll begin harvesting mainly round white varieties, with some Yukon Gold and Redskin varieties as well. Source your N.J. white potatoes in their distinctive “Jersey Fresh” bags.
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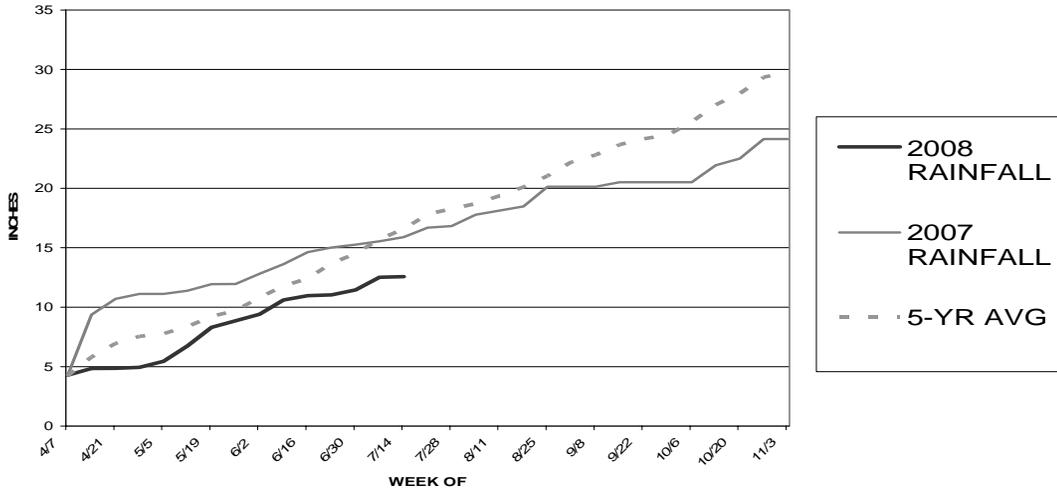
2008 TOTAL RAINFALL (NEWTON)



2008 TOTAL RAINFALL (FREEHOLD)



2008 TOTAL RAINFALL (HAMMONTON)



Source: http://www.envsci.rutgers.edu/fcst/NJ_AG.htm