



**WEATHER ADVISORY FOR NEW JERSEY
 AND SOUTHEASTERN PENNSYLVANIA
 ISSUED BY RUTGERS UNIVERSITY
 NEW BRUNSWICK, NJ
 8 AM EDT MONDAY, JULY 28, 2008**

Rainfall amounts none through Tuesday. Winds for spraying west around 5 mph today, light west tonight, northwest 5 to 10 mph Tuesday. Relative humidity in percent 30 to 40 today, 80 to 90 tonight, 35 to 45 Tuesday. Dew points mid 60s through Tuesday. Drying conditions good today and Tuesday. Scattered light dew tonight and Tuesday night. Percent of possible sunshine 60 today, 80 Tuesday.

There is 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. Conditions will be unfavorable for cranberry scald today and Tuesday. Hay cutting will see good conditions today and Tuesday.

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 August 4, 2008 to August 10, 2008 is calling for temperatures to average above normal and precipitation to total below normal.

Climate summary for the week ending 8am 7/28/08

Temperatures averaged near normal, averaging 73 degrees north, 76 degrees central, and 78 degrees south. Extremes were 96 degrees at Pomona on July 22, 2008 and July 23, 2008 and 54 degrees at Charlottesville on July 26, 2008.

Weekly rainfall averaged 2.30 inches north, 2.74 inches central, and 1.63 inches south. The heaviest 24 hour total reported was 2.43 inches at Trenton on the July 24, 2008.

Estimated soil moisture, in percent of field capacity, this past week averaged 87 percent north, 82 percent central and 61 percent south. Four inch soil temperatures averaged 76 degrees north, 79 degrees central, and 79 degrees south.

Fresh Market Tomato Harvesting Began

Days suitable for field work, for the week ending Sunday, July 27, 2008, were 6.0. Topsoil moisture was rated as 10% short, 85% adequate, and 5% surplus. Subsoil moisture was rated as 20% short, 75% adequate and 5% surplus. There were measurable amounts of rainfall for the week in most localities. Temperatures were normal during the week across the Garden State. Significant rainfall relieved non-irrigated crops such as field corn and soybeans throughout New Jersey. Producers began planting some fall vegetables and continued harvesting summer vegetables. First and second hay-cuttings continued in the central district. Early season cherry tomato harvesting was also underway. Farmers continued peach and blueberry harvesting. Other activities included spraying, top dressing, and fertilizing.

Weather Summary for the Week Ending Monday, July 28, 2008

Weather Stations	Rainfall			Temperatures				Growing Degree Days ¹		Soil Moisture ²
	Last Week	Since March 1		Last Week				Total	Dept.*	
		Total	Dept.*	Max.	Min.	Avg.	Dept.*			
	Inches	Inches	Inches	Degrees	Degrees	Degrees	Degrees	Base 50°F	Base 50°F	Percent
North										
Belvidere Bridge	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Canoe Brook	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Charlottesville	3.14	20.43	0.03	88	54	72	-1	1,561	440	89
Flemington	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Newton	1.47	18.25	-0.44	90	58	74	0	1,789	458	84
Central										
Freehold	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Long Branch	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
New Brunswick	2.64	20.95	2.01	93	58	76	0	1,879	158	91
Toms River	2.30	16.93	-2.52	92	57	77	2	1,830	268	100
Trenton	3.27	19.73	1.62	92	60	77	0	1,962	173	100
South										
Cape May C.H.	1.46	13.95	-2.83	93	60	78	1	1,911	247	82
Downstown	0.80	17.05	-0.64	93	57	77	0	1,972	171	59
Glassboro	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hammonton	2.12	14.98	-3.73	94	58	78	1	2,057	282	100
Pomona	2.69	17.58	0.74	96	59	79	3	2,024	370	100
Seabrook	1.08	16.26	-0.85	92	61	78	1	2,105	297	64
South Harrison	2.68	16.73	-2.17	91	62	78	N	A 2092	NA	NA

* Departure from normal.

¹ Growing degree days since March 1, 2008, total and departure from normal or long term average.

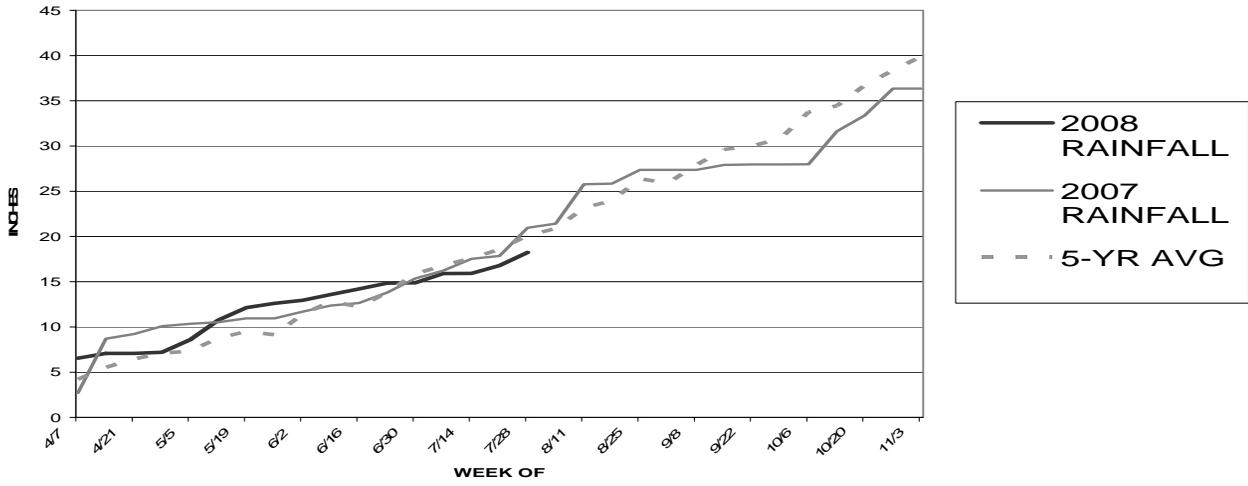
² Estimated soil moisture as % of field capacity based on climate data.

³ Data not available.

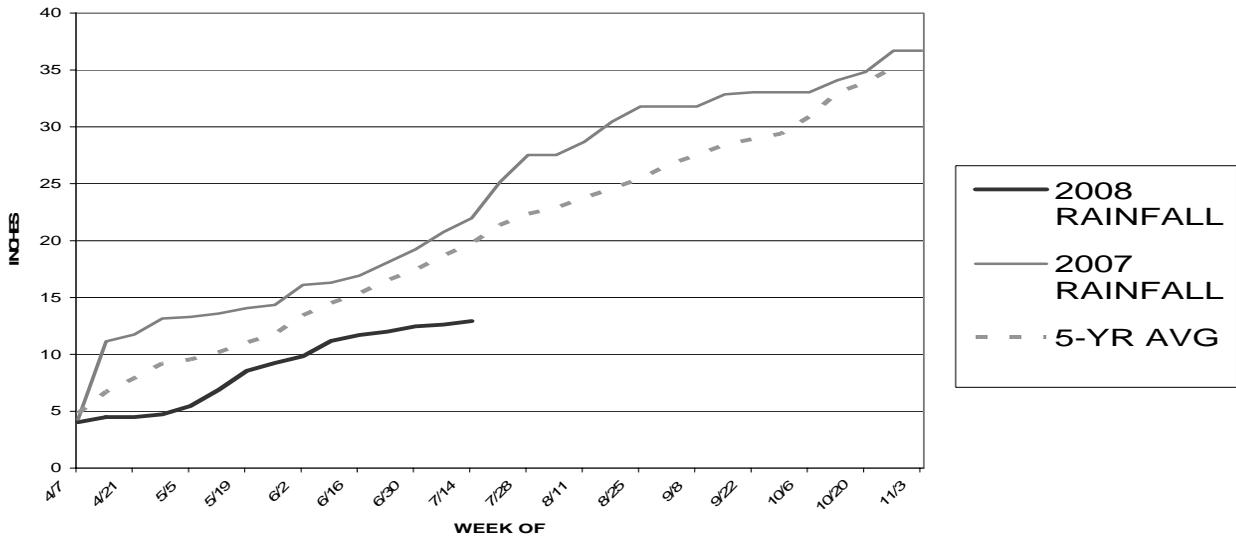
JERSEY FRESH AVAILABILITY FOR JULY 28, 2008

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. Bluecrop harvesting in declining volume with the late variety Elliott starting to be harvested and available for several weeks.
CABBAGE	Harvesting good quality product in good volume.
CANTALOUPE & MELONS	Harvesting in good 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	Harvesting good quality in good volume.
KALE	Very good quantity and quality of product available.
LEEK & GR. ONIONS	A good volume of good quality product is available.
MINT	Good quality harvesting in good quantity. Likes the heat.
NECTARINES	Early Easternglo, Flavortop, and Summer Beaut varieties are being harvested in fair to good volume. A good steady volume of the more widely planted Sunglo variety is starting later this week. 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	A volume of Southern peaches on the market is depressing prices. There is also a slight supply gap between the early varieties and the "freestone" varieties, with good volume expected later this week. Color and brix have been very good while rain should help with sizing. White peaches starting to be picked in volume by the middle of the week with the White Lady variety.
SQUASH	Harvesting good quantities of very good quality Yellow & Zucchini.
SWEET CORN	Harvesting good quality and fair to good quantity. Peak of the season.
SWISS CHARD	A light to decreasing volume of good quality product available.
TOMATOES	Harvesting very good quality in good volume.
TURNIPS	Harvesting good quality and light quantity with this heat.
WHITE POTATOES	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.

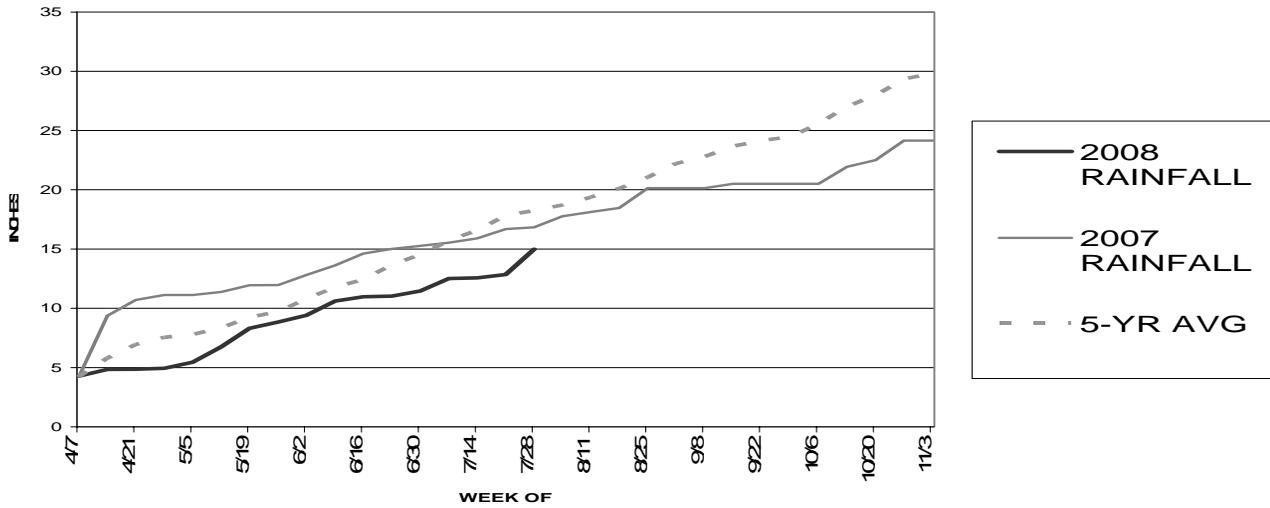
2008 TOTAL RAINFALL (NEWTON)



2008 TOTAL RAINFALL (FREEHOLD)



2008 TOTAL RAINFALL (HAMMONTON)



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