



**Weather Advisory for New Jersey
And Southeastern Pennsylvania
Issued by Rutgers University
New Brunswick, NJ
8 am EDT Monday, August 11, 2008**

Rainfall amounts tenth of an inch with some locally higher amounts today, none today and Tuesday. Winds for spraying northwest around 10 mph today, northwest 5 mph tonight, west around 10 Tuesday.

Relative humidity in percent 50 to 60 today, near 100 tonight, 40 to 50 Tuesday. Dew points upper 50s to low 60s through Tuesday. Drying conditions fair at best today, good Tuesday. Moderate dew tonight and again Tuesday night. Percent of possible sunshine 20 today, 80 Tuesday.

There is a 40 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 poor conditions today but then drier air should move into the region for Tuesday.

Soil moisture has improved significantly in some locations but only modestly in others. Some irrigation remains necessary.

The latest 8 to 14 day outlook for the period August 18, 2008 to August 24, 2008 is calling for temperatures to average near normal and precipitation to total near normal.

Climate summary for the week ending 8am 8/11/08

Temperatures averaged near normal, averaging 71 degrees north, 73 degrees central, and 74 degrees south. Extremes were 91 degrees at Cape May Courthouse and New Brunswick on August 7 2008, and 53 degrees at Flemington, Belvidere, and Charlotteburg on August 11, 2008.

Weekly rainfall averaged 0.63 inches north, 0.43 inches central, and 1.52 inches south. The heaviest 24 hour total reported was 3.00 inches at south Harrison on August 10, 2008 to August 11, 2008.

Estimated soil moisture, in percent of field capacity, this past week averaged 76 percent north, 59 percent central, and 54 percent south.

Four inch soil temperatures averaged 72 degrees north, 73 degrees central, and 75 degrees south.

Hay Harvesting Continues

Days suitable for field work, for the week ending Sunday, August 10, 2008, were 6.0. Topsoil moisture was rated as 35% short, 63% adequate and 2% surplus. Subsoil moisture was rated as 25% short and 75% adequate. There were measurable amounts of rainfall for the week in most localities. Temperatures were normal during the week across the Garden State. Heavy rains and hail caused considerable damage to various crops in central and south Jersey. Farmers reported major crop loss in some areas. Summer vegetable harvesting continued throughout New Jersey with reports of good quantity and quality. In the northern district, second and third hay-cuttings continued. Pumpkins remained in good condition and sized nicely. Late blueberry harvesting continued, while peaches colored nicely. Other activities across the state included planting, irrigating, spraying, and packing.

Weather Summary for the Week Ending Monday, August 11, 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	0.30	17.96	-3.32	90	53	72	0	1,962	159	63
Canoe Brook	0.16	18.97	-3.42	89	56	73	1	1,942	138	69
Charlotteburg	1.59	22.34	-0.25	83	53	70	0	1,859	438	88
Flemington	0.40	18.28	-3.36	88	53	71	-2	1,925	74	72
Newton	0.68	19.53	-1.26	85	56	71	1	2,104	461	78
Central										
Freehold	0.35	13.57	-7.46	87	56	72	-2	1,775	-203	66
Long Branch	0.35	16.31	-4.76	89	60	72	-2	1,916	17	52
New Brunswick	0.29	21.54	0.44	91	56	73	0	2,233	171	72
Toms River	0.62	17.83	-3.84	88	57	73	1	2,174	282	64
Trenton	0.54	20.30	0.17	88	58	74	-1	2,321	167	53
South										
Cape May C.H.	0.54	15.17	-3.51	91	59	74	-1	2,276	248	68
Downstown	1.79	18.96	-0.79	89	57	74	-1	2,328	163	100
Glassboro	1.99	18.15	-2.57	89	59	74	-1	2,291	153	100
Hammonton	2.11	17.20	-3.56	90	58	75	0	2,429	289	100
Pomona	1.93	19.82	0.91	90	58	75	2	2,402	405	100
Seabrook	0.74	17.16	-1.85	90	59	75	0	2,476	304	65
South Harrison	3.00	19.92	-0.83	90	58	75	NA	2,293	NA	NA

* Departure from normal.

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

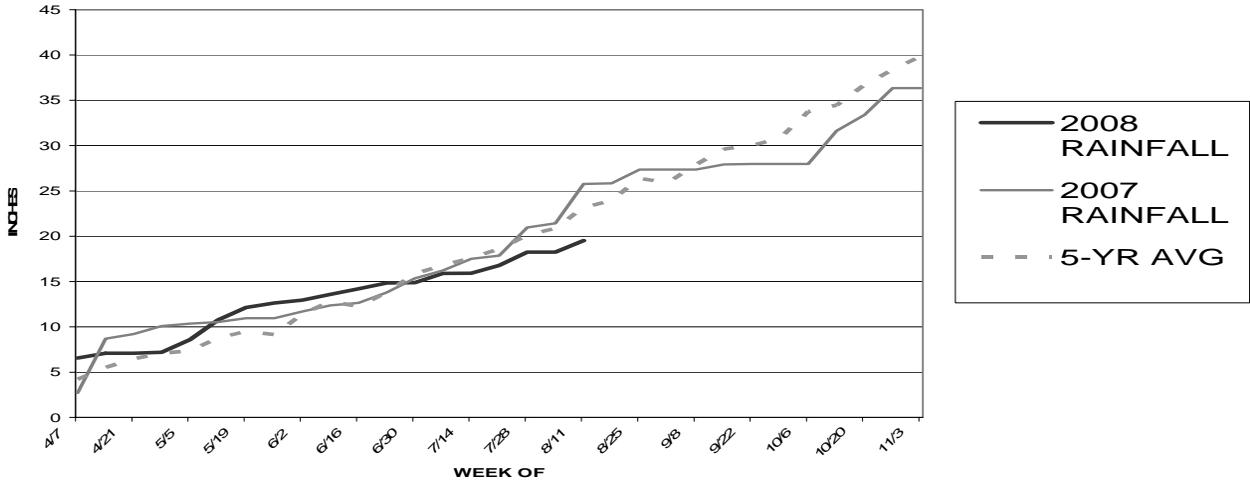
² Estimated soil moisture as % of field capacity based on climate data.

³ Data not available.

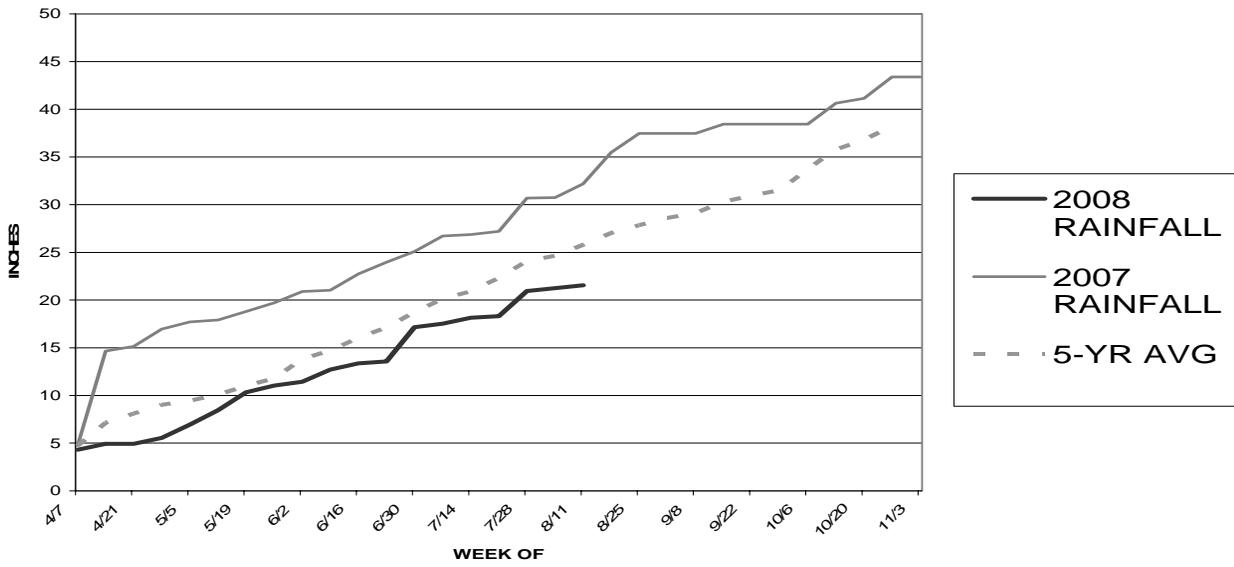
JERSEY FRESH AVAILABILITY FOR AUGUST 11, 2008

ARUGULA & CILANTRO	A very light volume and fair quality of products due to hail effects.
BABY SPINACH & BABY ARUGULA	Harvesting in good quality and quantity. Not as affected by the heat.
BASIL	Harvesting fair to good quality product in light volume due to hail.
BEETS	Harvesting good quality in good quantity.
BLUEBERRIES	The late variety Elliott is finishing up.
CABBAGE	Harvesting good quality product in good volume.
CANTALOUPE & MELONS	Harvesting in light to fair volume and fair quality.
COLLARDS	Harvesting good quality in good volume.
CUCUMBERS/PICKLES	Harvesting a light quantity of fair to good quality product due to hail.
DANDELION	Good quality Spring planted San Pasquale variety available.
DILL	Harvesting very good quality in good volume.
EGGPLANT & PEPPERS	Harvesting fair to good quality in light volume due to hail.
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	Harvesting light supplies due to hail.
PARSLEY	Fair to good quality product available in light to fair quantities.
PEACHES	Harvesting light quantities of yellow and white peaches due to hail. A glut of Ca. & Southern peaches are also keeping prices down.
SQUASH	Harvesting light to fair quantities of fair to good quality Yellow & Zucchini due to hail.
SWEET CORN	Harvesting good quality and quantity.
SWISS CHARD	A light to decreasing volume of good quality product available.
TOMATOES	Harvesting fair to good quality and light to fair volume.
TURNIPS	Harvesting good quality and fair quantity.
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.

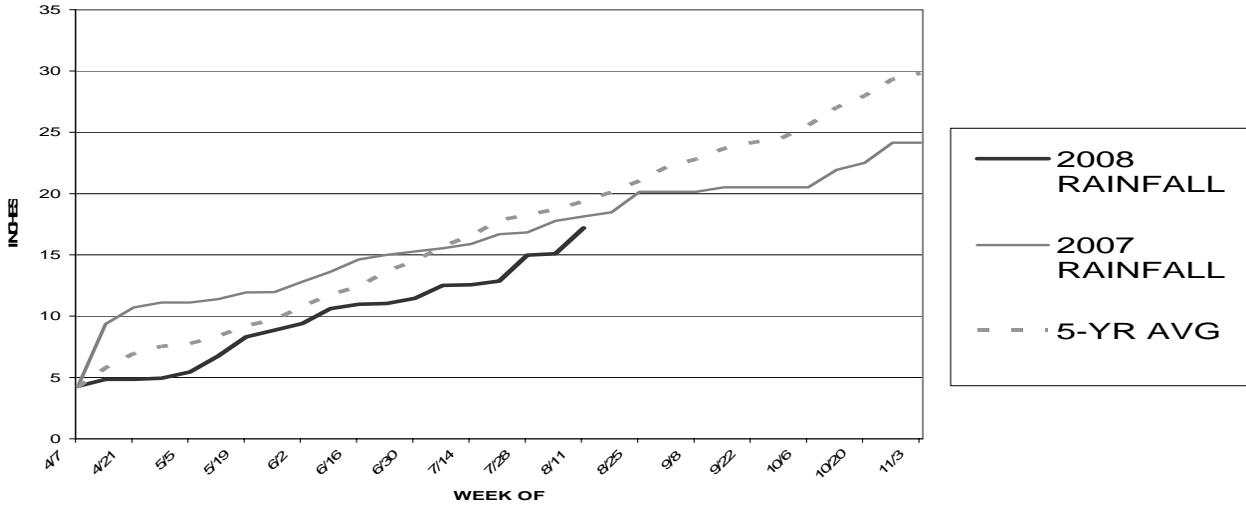
2008 TOTAL RAINFALL (NEWTON)



2008 TOTAL RAINFALL (NEW BRUNSWICK)



2008 TOTAL RAINFALL (HAMMONTON)



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