



**Weather Advisory for New Jersey  
And Southeastern Pennsylvania  
Issued by Rutgers University  
New Brunswick, NJ  
8 Am EDT Monday, Oct 13, 2008**

Rainfall amounts none through Tuesday. Winds for spraying north around 5 mph today, near calm tonight, south around 5 mph Tuesday.

Relative humidity in percent 35 to 45 today, 90 to 100 tonight, 35 to 45 Tuesday. Dew points mid 50s today and tonight, mid to upper 50s Tuesday. Drying conditions good today, good Tuesday. Frost freeze or heavy dew tonight and Tuesday night. Percent of possible sunshine 80 today, 80 Tuesday.

There is a near zero 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 cranberry bogs should remain above freezing tonight and Tuesday night.

Late season hay cutting will be good with abundant sunshine, warm temperatures and low humidity but heavy overnight dew for each of the next several days.

The latest 8 to 14 day outlook for the period October 20, 2008 to October 26, 2008 is calling for temperatures to average below normal and precipitation to total below normal.

**Climate summary for the week ending 8am 10/13/08**

Temperatures averaged near normal, averaging 56 degrees north, 58 degrees central, and 59 degrees south. Extremes were 80 degrees at Belvidere Bridge on October 11, 2008, and 34 degrees at Flemington and Andover on October 7, 2008 to October 8, 2008.

Weekly rainfall averaged 0.03 inches north, 0.10 inches central, and 0.16 inches south. The heaviest 24 hour total reported was 0.22 inches at Seabrook on October 9, 2008 to October 10, 2008.

Estimated soil moisture, in percent of field capacity, this past week averaged 92 percent north, 80 percent central, and 73 percent south.

Four inch soil temperatures averaged 55 degrees north, 57 degrees central, and 58 degrees south.

**Soybean Harvesting continues**

Days suitable for field work, for the week ending Sunday, October 12, 2008, were 6.5. Topsoil moisture was rated as 15% short and 85% adequate. Subsoil moisture was rated as 20% short and 80% adequate. There were measurable amounts of rainfall for the week in all localities. Temperatures were above normal during the week across the Garden State. Fall vegetables finishing included squash, peppers, and sweet potatoes. Producers continued planting cover-crops and clearing fields of summer crops. In the central district, soybean prospects were favorable as harvesting got underway, field corn conditions varied, and winter wheat planting began. Third-cuttings of alfalfa and other hay varieties were completed. Apples were ripening and coloring nicely. Cranberries were in mid-harvest in some localities. Other activities included, spraying fields, mowing grass, and ground maintenance.

**Weather Summary for the Week Ending Monday, October 13, 2008**

Weather Stations	Rainfall			Temperatures				Growing Degree Days <sup>1</sup>		Soil Moisture <sup>2</sup>
	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
<b>North</b>										
Belvidere Bridge	0.01	25.01	-4.89	80	37	58	4	3,034	350	85
Canoe Brook	0.11	28.52	-2.95	79	35	57	3	2,912	211	92
Charlotteburg	0.00	32.37	0.42	74	35	55	3	2,714	593	87
Flemington	0.03	26.08	-3.91	76	34	55	1	2,895	125	89
Newton	0.01	27.44	-1.77	76	34	56	5	3,055	681	85
<b>Central</b>										
Freehold <sup>3</sup>	0.10	N/A	N/A	75	38	57	1	N/A	N/A	85
Long Branch	0.10	24.69	-4.84	77	42	58	1	2,997	77	70
New Brunswick	0.07	33.66	4.07	78	36	57	0	3,303	195	85
Toms River	0.17	27.43	-2.87	77	36	58	2	3,225	310	66
Trenton	0.05	27.51	-0.40	76	39	58	1	3,446	207	69
<b>South</b>										
Cape May C.H.	0.20	19.97	-6.23	76	41	60	0	3,442	420	69
Downstown	0.21	24.08	-3.29	78	36	59	1	3,436	167	74
Glassboro	0.08	22.96	-5.92	77	43	58	1	3,504	284	66
Hammonton	0.21	22.06	-6.73	78	37	59	2	3,593	369	67
Pomona	0.05	25.48	-0.48	78	38	59	3	3,569	574	60
Seabrook	0.22	22.13	-4.39	76	42	59	1	3,675	384	70
South Harrison	0.08	24.30	-3.93	77	42	61	N/A	3,482	N/A	N/A

\* Departure from normal.

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

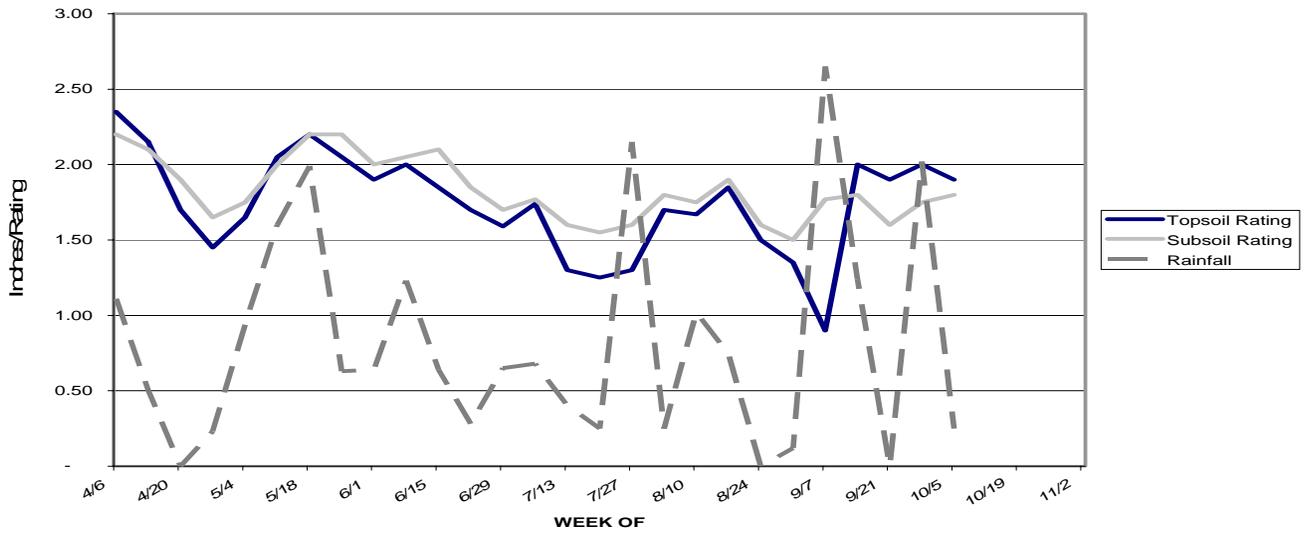
<sup>2</sup> Estimated soil moisture as % of field capacity based on climate data.

<sup>3</sup> Data not available.

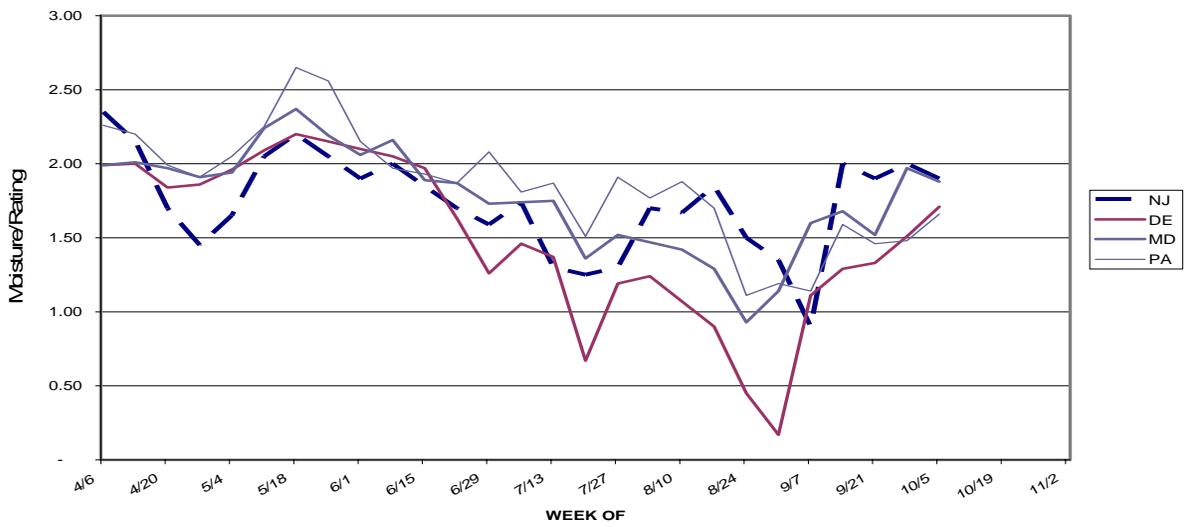
**JERSEY FRESH AVAILABILITY FOR OCTOBER 15, 2008**

<b>APPLES</b>	Fresh product is available now through December. Red Delicious, Empire, Jonagold, and Macoun finishing up and into storage. Golden Delicious, Rome, and Stayman/Winesap in mid-harvest. Braeburn, Fuji, and Granny Smith starting. Cider is available until Christmas in wholesale volume, through late Spring for retail sales.
<b>ARUGULA &amp; CILANTRO</b>	A good volume and quality of products.
<b>BABY SPINACH &amp; BABY ARUGULA</b>	Harvesting in good quality and quantity.
<b>BASIL &amp; MINT</b>	Likes warmer weather, so they are slowing down. Harvesting good quality product in fair to declining volume. Available until frost.
<b>BEETS</b>	Harvesting good quality and quantity. Available thru Thanksgiving.
<b>CABBAGE</b>	Harvesting good quality product in good volume. Available through Thanksgiving.
<b>COLLARDS</b>	Harvesting good quality in good volume.
<b>CUCUMBERS/PICKLES</b>	Harvesting a light to decreasing quantity of fair to good quality product. Less available than normal due to early Aug. hail damage.
<b>DILL &amp; KALE</b>	Harvesting very good quality in good volume.
<b>EGGPLANT</b>	Harvesting good quality in fair to decreasing volume.
<b>ESCAROLE &amp; ENDIVE</b>	Harvesting in good volume and excellent quality.
<b>LEEKS &amp; GR. ONIONS</b>	A good volume of good quality product is available.
<b>LETTUCES</b>	Harvesting a good volume of excellent quality Boston, Romaine, & Red & Green Leaf.
<b>PARSLEY</b>	Very good quality product available in good volume.
<b>PEPPERS</b>	Harvesting good quality in fair to light volume. Less product available than normal due to early Aug. hail damage.
<b>RADISHES &amp; TURNIPS</b>	Temperature sensitive, a good quantity & quality of products are available with the cooling weather.
<b>SPINACH</b>	Harvesting a good volume of excellent quality product.
<b>SQUASH</b>	Harvesting light quantities of fair to good quality Yellow & Zucchini. Less product available than normal due to Aug. hail. Butternut & Acorn available in fair quantity & good quality.
<b>SWEET CORN</b>	Harvesting fair to good quality in very light to decreasing quantity as Fall insect pressures increase and cool overnight temperatures slow ripening. Quality varies now.
<b>SWEET POTATOES</b>	Harvesting very good quality potatoes in good volume.
<b>SWISS CHARD</b>	A good volume of excellent quality product available.
<b>TOMATOES</b>	Harvesting fair to good quality and light to decreasing volume. Less product available than normal due to early Aug. hail damage. Grape tomatoes also winding down.
<b>WHITE POTATOES</b>	Harvesting mainly round white varieties, with some Yukon Gold and Redskin varieties as well.

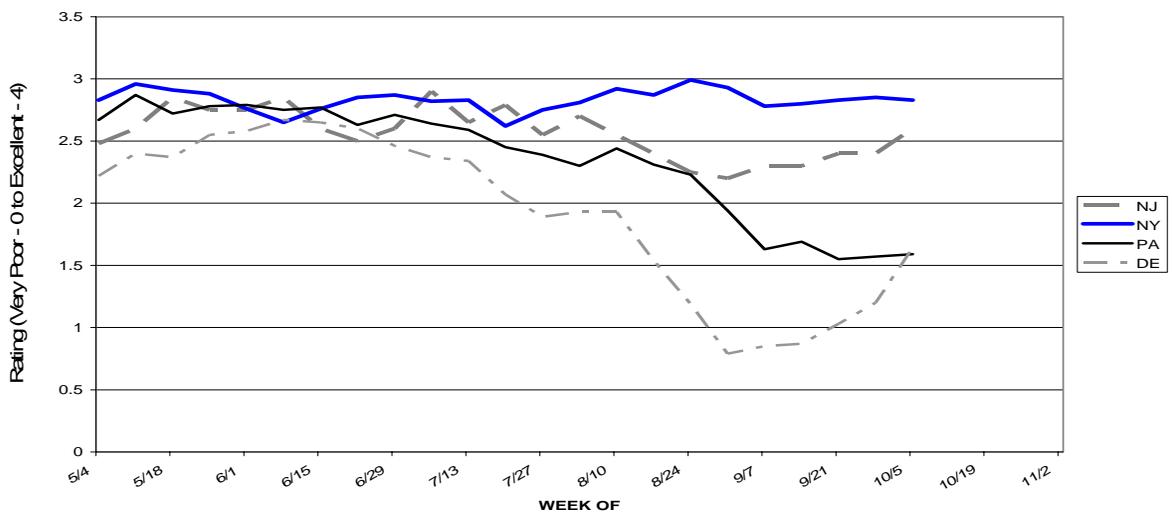
**Topsoil/Subsoil v Rainfall Relation(NJ)**



**Topsoil Moisture**



**Pasture and Range Condition**



Source: [http://www.envsci.rutgers.edu/fcst/NJ\\_AG.htm](http://www.envsci.rutgers.edu/fcst/NJ_AG.htm)