



**Weather Advisory for New Jersey
And Southeastern Pennsylvania
Issued by Rutgers University
New Brunswick, NJ
8 am EDT Monday, October 6, 2008**

Rainfall amounts none through Tuesday. Winds for spraying north 5 to 10 mph today and tonight, northwest 5 mph Tuesday.

Relative humidity in percent 35 to 45 today, 90 to 100 tonight, 35 to 45 Tuesday. Dew points mid 40s today, upper 30s tonight and Tuesday. Drying conditions good today, good Tuesday. heavy dew tonight and Tuesday night with scattered frost possible in the most extreme inland locations and freezing temperatures in the extreme north. Percent of possible sunshine 60 today, 90 Tuesday.

There is less than 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.

Temperatures in the cranberry bogs could drop to 27 to 31 tonight and 25 to 29 Tuesday night.

Hay cutting should see good day time drying each day but with heavy overnight dew each day into Thursday with the next threat of rain later Thursday.

The latest 8 to 14 day outlook for the period October 13, 2008 to October 19, 2008 is calling for temperatures to average above normal and precipitation to total near normal.

Climate summary for the week ending 8am 10/6/08

Temperatures averaged near normal, averaging 56 degrees north, 60 degrees central, and 62 degrees south. Extremes were 77 degrees at Cape May Courthouse and New Brunswick on the October 1, 2008, and 36 degrees at Charlotteburg on October 5, 2008.

Weekly rainfall averaged 0.37 inches north, 0.24 inches central, and 0.19 inches south. The heaviest 24 hour total reported was 0.48 inches at Piney Hollow on September 30, 2008 to October 1, 2008 and Belvidere on October 4, 2008 to October 5, 2008.

Estimated soil moisture, in percent of field capacity, this past week averaged 97 percent north, 92 percent central, and 88 percent south.

Four inch soil temperatures averaged 60 degrees north, 63 degrees central, and 64 degrees south.

Cranberry Harvesting Begins

Days suitable for field work, for the week ending Sunday, October 5, 2008, were 6.0. Topsoil moisture was rated as 10% short and 90% 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 variable during the week across the Garden State. Producers continued chopping corn for silage and harvesting for grain. Hay production increased in some localities, but was slowed by inclement weather in the central district. Apple harvesting continued in central and south Jersey with red and golden-delicious varieties available. Pumpkin conditions were mostly good as Halloween season nears. Cranberry harvesting began in the central district. Other activities included planting cover-crops, harvesting fall vegetables, and clearing fields.

Weather Summary for the Week Ending Monday, October 6, 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	0.65	25.00	-4.13	73	40	57	1	2,976	327	98
Canoe Brook	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Charlotteburg	0.38	32.37	1.36	71	36	55	1	2,678	576	98
Flemington	0.11	26.05	-3.16	73	39	57	0	2,855	122	95
Newton	0.33	27.43	-1.02	72	37	56	2	3,009	651	96
Central										
Freehold ³	0.30	N/A	N/A	75	43	60	1	N/A	N/A	94
Long Branch	0.34	24.59	-4.12	75	46	60	1	2,939	70	86
New Brunswick	0.18	33.59	4.76	77	43	60	1	3,253	199	93
Toms River	0.07	27.26	-2.16	75	41	60	2	3,171	306	72
Trenton	0.33	27.46	0.22	73	45	59	-1	3,386	205	86
South										
Cape May C.H.	0.11	19.77	-5.72	77	45	61	-1	3,373	428	77
Downstown	0.53	23.87	-2.79	75	43	61	0	3,374	168	87
Glassboro	0.11	22.88	-5.23	74	49	61	1	3,444	281	79
Hammonton	0.11	21.85	-6.20	76	46	62	2	3,527	359	75
Pomona	0.11	25.43	0.16	76	45	62	3	3,505	562	75
Seabrook	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
South Harrison	0.08	24.22	-3.27	73	48	62	N/A	3,407	N/A	N/A

* Departure from normal.

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

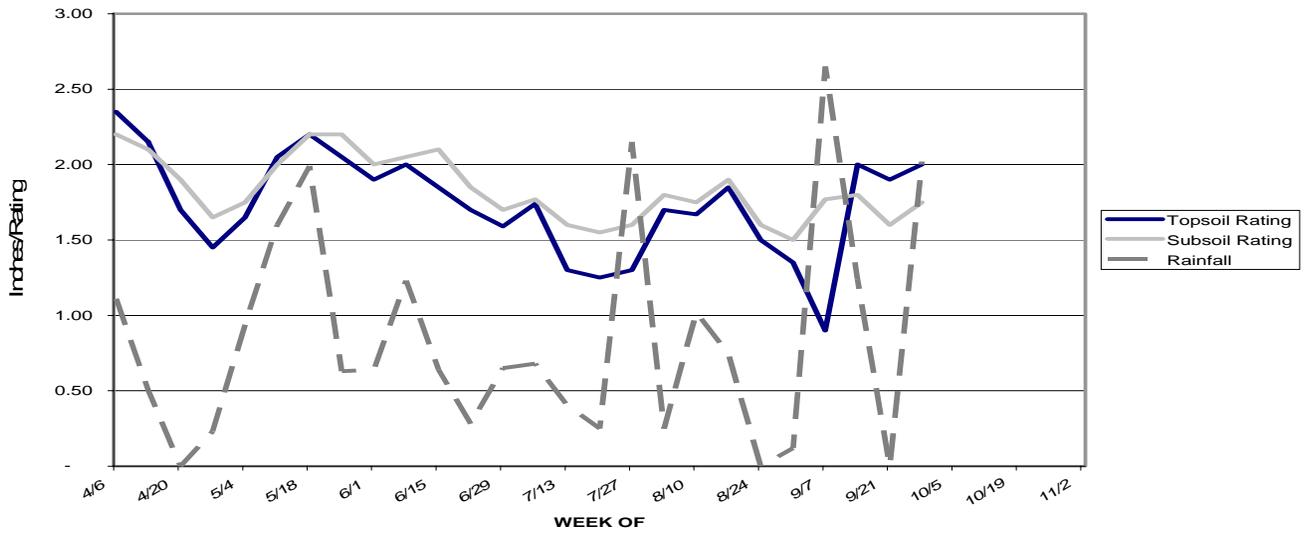
² Estimated soil moisture as % of field capacity based on climate data.

³ Data not available.

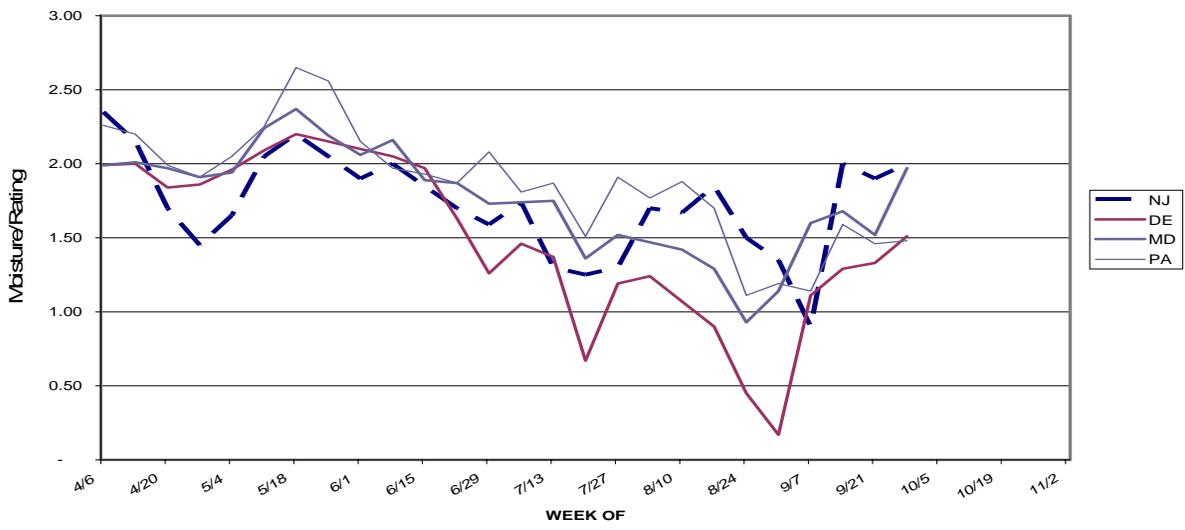
JERSEY FRESH AVAILABILITY FOR OCTOBER 6, 2008

APPLES	Fresh product is available now through December. Red Delicious, Empire, Jonagold, and Macoun winding down. Golden Delicious, Rome, and Stayman/Winesap starting. Braeburn, Fuji, and Granny Smith will start mid to late October. Cider is available until Christmas in wholesale volume, through late Spring for retail sales.
ARUGULA & CILANTRO	A good volume and quality of products.
BABY SPINACH & BABY ARUGULA	Harvesting in good quality and quantity.
BASIL & MINT	Likes warmer weather, so they are slowing down. Harvesting good quality product in fair to declining volume.
BEETS	Harvesting good quality and quantity.
CABBAGE	Harvesting good quality product in good volume.
COLLARDS	Harvesting good quality in good volume.
CUCUMBERS/PICKLES	Harvesting a light quantity of fair to good quality product. Less product available than normal due to early Aug. hail damage.
DILL & KALE	Harvesting very good quality in good volume.
EGGPLANT	Harvesting good quality in fair to decreasing volume.
ESCAROLE & ENDIVE	Harvesting in good volume and excellent quality.
LEEKS & GR. ONIONS	A good volume of good quality product is available.
LETTUCES	Harvesting a good volume of excellent quality Boston, Romaine, & Red & Green Leaf.
PARSLEY	Very good quality product available in good volume.
PEPPERS	Harvesting good quality in fair to light volume. Less product available than normal due to early Aug. hail damage.
RADISHES & TURNIPS	Temperature sensitive, a good quantity & quality of products are available with the cooling weather.
SPINACH	Harvesting a good volume of excellent quality product.
SQUASH	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.
SWEET CORN	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.
SWEET POTATOES	Harvesting very good quality potatoes in good volume.
SWISS CHARD	A good volume of excellent quality product available.
TOMATOES	Harvesting fair to good quality and light volume. Less product available than normal due to early Aug. hail damage. Grape tomatoes still harvesting through early October.
WHITE POTATOES	Harvesting mainly round white varieties, with some Yukon Gold and Redskin varieties as well.

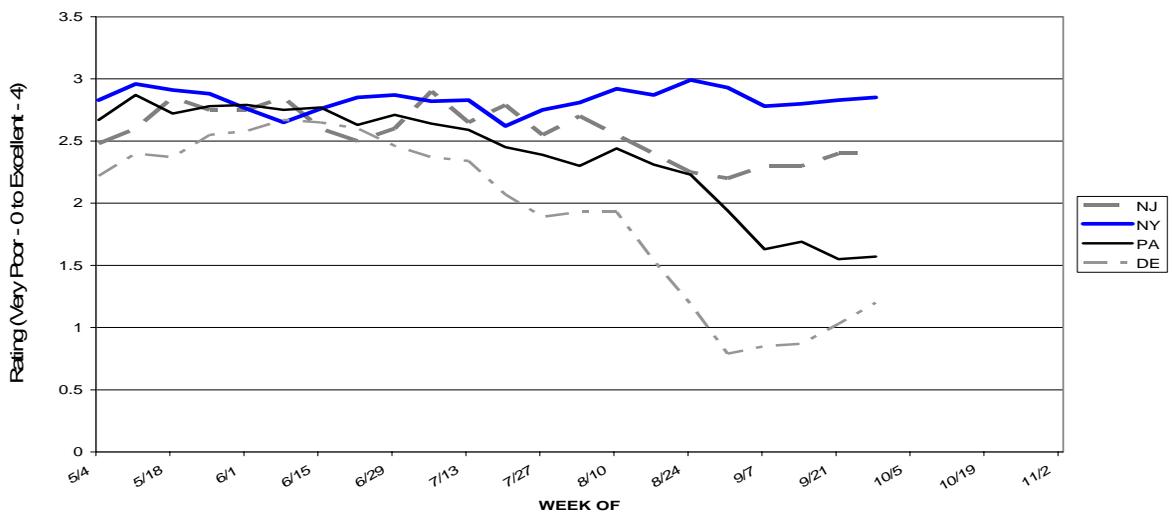
Topsoil/Subsoil v Rainfall Relation(NJ)



Topsoil Moisture



Pasture and Range Condition



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