



**Agricultural Weather Advisory For New Jersey
And Southeastern Pennsylvania
Issued By Rutgers University
New Brunswick, NJ
8 am EDT Monday, September 28, 2009**

Rainfall amounts less than a tenth of an inch except higher in a scattered thundershower today, none tonight, isolated tenth of an inch possible Tuesday. Winds for spraying southwest 15 to 20 mph today, southwest 10 to 15 mph tonight, southwest 15 to 20 mph Tuesday.

Relative humidity in percent 40 to 50 today, 90 to 100 tonight, 40 to 50 Tuesday. Dew points mid 50s today, upper 40s tonight, mid 40s Tuesday. Drying conditions fair to good today, good Tuesday. Moderate dew tonight, moderate dew Tuesday night. Percent of possible sunshine 40 today, 40 Tuesday.

There is a 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 should be unfavorable for cranberry scald today and Tuesday. Temperatures in the representative bog should remain above freezing tonight due to wind and 27 to 31 Tuesday night.

Late season hay cutting runs a slight risk of wetting in a shower today. Fair to good drying conditions should be in place for Tuesday through Thursday.

The latest 8 to 14 day outlook for the period October 5, 2009 to October 11, 2009 is calling for temperatures to average near normal and precipitation to average near normal.

Climate summary for the week ending 8am 9/28/09

Temperatures averaged much above normal, averaging 63 degrees north, 66 degrees central, and 67 degrees south. Extremes were 85 degrees at Canoe Brook and Hammonton on September 24, 2009, and 40 degrees at Charlotteburg on September 27, 2009.

Weekly rainfall averaged 1.00 inches north, 1.78 inches central, and 1.74 inches south. The heaviest 24 hour total reported was 1.78 inches at Pomona on September 27, 2009 to September 28, 2009.

Estimated soil moisture, in percent of field capacity, this past week averaged 75 percent north, 78 percent central, and 55 percent south.

Four inch soil temperatures averaged 62 degrees north, 65 degrees central, and 65 degrees south.

Corn and Soybean Harvest Underway

Days suitable for field work, for the week ending Sunday, September 27, 2009, were 6.0. Topsoil moisture was rated as 75% adequate and 25% surplus. Subsoil moisture was rated as 80% adequate and 20% surplus. There were measurable amounts of rainfall during the week in all localities. Temperatures were above normal across the Garden State. Farmers continued preparing fields for wheat and barley plantings. Leaf drop on soybean plants and filling of pods continued. Early corn and soybean harvesting began. Corn chopped for silage continued. Vegetable harvest neared completion for tomatoes, sweet corn, and squash. Light to fair volumes of cabbage, collards, cucumbers, and spinach were harvested. Sweet potato harvest progressed. Pumpkins rated mostly fair as disease pressure was high due to wet conditions. Producers continued harvesting grapes and cranberries.

Weather Summary for the Week Ending Monday, September 28, 2009

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	1.17	28.61	0.43	81	44	62	3	2,599	11	95
Canoe Brook ³	1.05	30.13 ³	0.50 ³	85	44	66	6	2,795 ³	192 ³	83
Charlotteburg ³	1.01	23.37 ³	-6.55 ³	80	40	61	4	2,489 ³	428 ³	84
Flemington	1.08	33.95	5.67	82	47	64	4	2,820	152	83
Newton ³	0.71	27.90 ³	0.37 ³	79	43	62	5	2,528 ³	211 ³	79
Central										
Freehold	1.59	29.51	2.06	83	49	66	4	2,982	141	97
Long Branch	1.62	31.43	3.65	84	50	66	4	2,829	44	100
New Brunswick	1.18	33.08	5.15	83	48	67	5	3,044	73	89
Toms River	1.88	31.94	3.53	82	46	67	6	2,945	156	100
Trenton	2.64	36.95	10.53	82	49	66	3	3,155	62	100
South										
Cape May C.H.	2.22	32.09	7.44	79	49	67	2	3,008	171	100
Downstown	1.55	28.56	2.73	83	45	66	3	3,138	27	93
Glassboro	1.00	34.50	7.30	82	51	67	4	3,310	235	76
Hammonton	1.73	31.55	4.39	85	46	67	4	3,367	285	97
Pomona	2.32	36.24	11.75	84	50	68	6	3,264	402	100
Seabrook ³	1.65	28.52 ³	3.61 ³	83	52	69	5	2,903 ³	-229 ³	96
South Harrison ³	1.20	24.04 ³	-2.58 ³	83	50	68	NA	NA	NA	NA

* Departure from normal.

¹ Growing degree days since March 1, 2009, total and departure from normal or long term average.

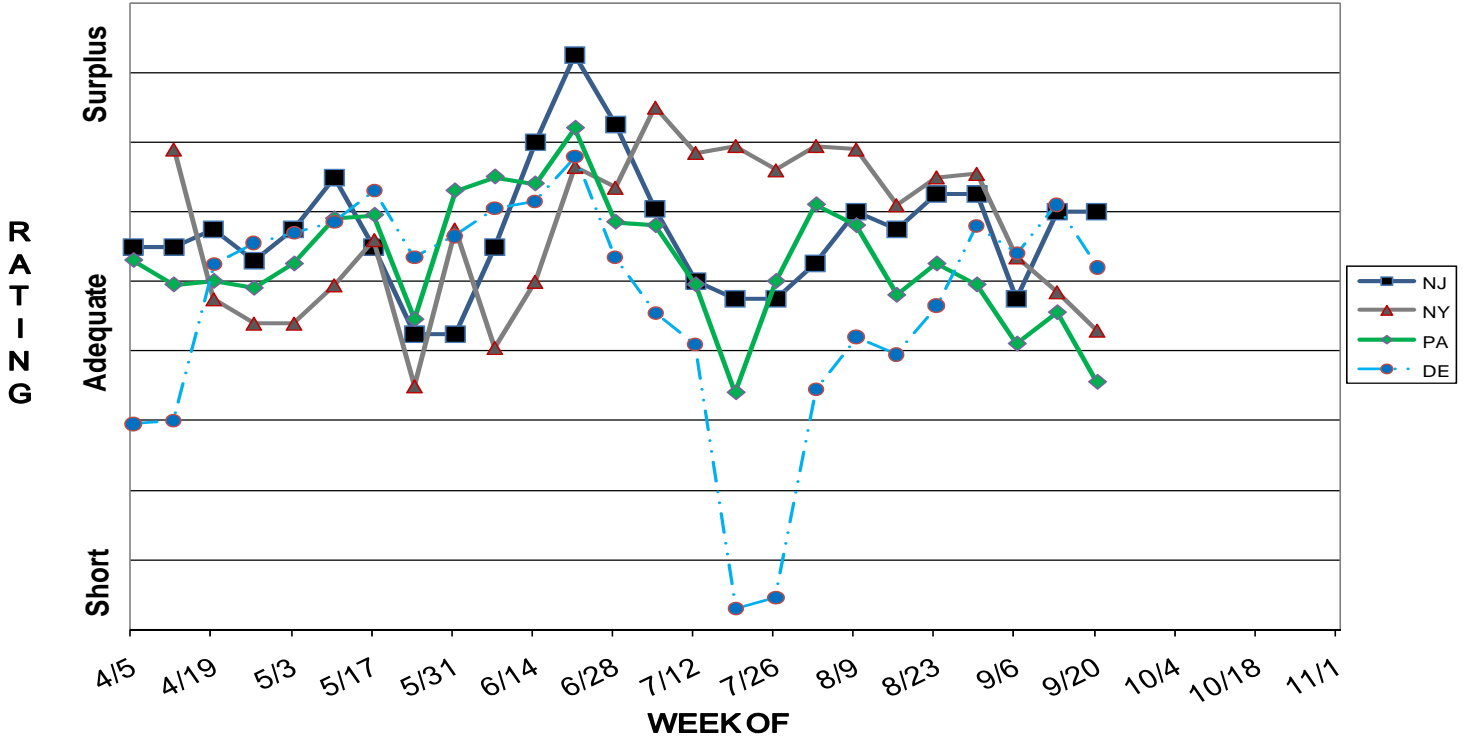
² Estimated soil moisture as % of field capacity based on climate data.

³ Data not available for all historic comparisons.

JERSEY FRESH AVAILABILITY FOR SEPTEMBER 28, 2009

APPLES	Fresh apples available thru Dec. Red Delicious, Empire, Jonagold, and McCoun winding down. Golden Delicious, Rome, and Stayman/Winesap starting soon. Braeburn, Fuji, and Granny Smith starting mid to late Oct.
ARUGULA & CILANTRO	A light to fair volume of good quality products.
BASIL & MINT	Like warmer weather so harvesting good quality product in light to decreasing volume.
BEETS	Harvesting good quality in fair to good quantity.
CABBAGE	Harvesting a fair to good volume of very good quality with excellent sizing.
COLLARDS	Harvesting good quality and quantity.
CRANBERRIES	The main harvest of fresh market dry harvested berries is beginning.
CUCUMBERS	Harvesting light quantities of good quality cukes with a fair volume of pickles available.
DANDELIONS	A fair quantity of very good quality product.
DILL	Harvesting a light to fair volume in good quality.
EGGPLANT & PEPPERS	Harvesting good quality products in fair to decreasing supply.
ESCAROLE & ENDIVE	Harvesting in light to fair volume and good quality.
KALE	A fair to good quantity of good quality product.
LEEK & GR. ONIONS	A fair volume of good quality product is available.
LETTUCES	Harvesting a fair volume of very good quality Boston & Romaine. Very good quality Red & Green Leaf in light to fair quantities.
PARSLEY	Fair quantities of good quality curly and plain.
PEACHES	Excellent quality late season fruit finishing up. Yellow Fayette, Encore, & Lauro varieties. White Lady Nancy variety.
SPINACH	Harvesting good quality in light to fair volume.
SQUASH	Harvesting fair to decreasing quantities of very good quality Yellow and Green. Acorn and Butternut are harvested into storage and awaiting sale.
SWEET CORN	Harvesting a light to decreasing quantity of good quality corn. Expect increased quality variations in the marketplace due to the annual cycle of insect pressures and cool overnight temperatures slowing ripening.
SWEET POTATOES	Harvesting good quality potatoes in fair volume.
SWISS CHARD	Harvesting fair to good quality in fair to increasing volume.
TOMATOES	Harvest volume is off due to season long field problems and low prices. Harvesting a very light quantity of fair to good quality fruit.
RADISHES & TURNIPS	Light to increasing volume. These temperature sensitive vegetables are starting to increase in supply with cooler temperatures.
WHITE POTATOES	Harvesting mainly round white varieties, with some Yukon Gold, Redskin varieties, and a bit of Russets as well.

TOPSOIL MOISTURE



PASTURE AND RANGE CONDITION

