



**Agricultural Weather Advisory For new Jersey
And Southeastern Pennsylvania
Issued by Rutgers University
New Brunswick, NJ
8 am EDT Monday, July 6, 2009**

Rainfall amounts none through Tuesday. Winds for spraying northwest then west 5 to 10 mph today, light variable tonight, west around 10 Tuesday.

Relative humidity in percent 30 to 40 today, 90 to 100 tonight, 30 to 40 Tuesday. Dew points 55 to 60 through Tuesday. Drying conditions very good today and Tuesday. Frost freeze or dew light dew tonight, light dew Tuesday night. Percent of possible sunshine 70 today, 70 Tuesday.

There is 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.

Conditions appear favorable for cranberry scald today and again Tuesday.

Hay cutting will continue to see good haying conditions with good sunshine, low humidity and little threat of rain before next weekend.

The latest 8 to 14 day outlook for the period July 13, 2009 to July 19, 2009 is calling for temperatures to average below normal and precipitation to average below normal.

Climate summary for the week ending 8am 7/6/09

Temperatures averaged near normal central, south, and below normal north, averaging 69 degrees north, 72 degrees central, and 73 degrees south. Extremes were 89 degrees at Canoe Brook and Downstown on July 1, 2009 and 51 degrees at Canoe Brook on July 3, 2009.

Weekly rainfall averaged 1.40 inches north, 0.39 inches central, and 0.34 inches south. The heaviest 24 hour total reported was 1.46 inches at Newton on July 2, 2009 to July 3, 2009.

Estimated soil moisture, in percent of field capacity, this past week averaged 80 percent north, 66 percent central, and 41 percent south.

Four inch soil temperatures averaged 70 degrees north, 72 degrees central, and 73 degrees south.

Sunny Weather Aids Harvest

Days suitable for field work, for the week ending Sunday, July 5 2009, were 4.0. Topsoil moisture was rated as 2% short, 75% adequate and 23% surplus. Subsoil moisture was rated as 75% adequate and 25% surplus. There were measurable amounts of rainfall for the week in most localities. Temperatures were near normal for the central and south, and below normal for the north. Wheat harvest began in some localities. Some reporters in the north noted concerns about wheat quality. The sunny weather has helped with hay harvest. The delay in harvest has resulted in a loss of quantity for hay crops. Field corn began to tassel in the south. Late planting of pumpkins continued. Peaches and apples were sizing nicely. Blueberry harvest continued.

Weather Summary for the Week Ending Monday, July 6, 2009

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	1.69	16.50	0.41	81	53	69	-2	1,035	61	86
Canoe Brook	0.49	13.54	-3.66	89	51	71	-1	1,005	38	65
Charlotteburg	1.12	14.97	-2.43	82	52	68	-1	947	181	70
Flemington	1.63	18.25	1.76	84	53	70	-2	1,146	146	82
Newton	2.07	16.38	0.63	81	52	68	-2	1,010	157	91
Central										
Freehold	0.28	18.13	2.00	87	56	72	-1	1,194	97	61
Long Branch	0.47	19.28	3.15	84	59	72	0	1,038	14	52
New Brunswick	0.17	17.71	1.89	88	55	72	-2	1,202	34	72
Toms River	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Trenton	0.64	17.20	2.35	88	57	73	-1	1,288	71	58
South										
Cape May C.H.	0.26	17.23	2.99	85	62	73	0	1,214	107	29
Downstown	0.29	13.53	-1.11	89	58	73	-1	1,286	52	38
Glassboro	0.33	19.16	3.39	86	60	74	0	1,361	148	37
Hammonton	0.24	14.58	-0.88	89	60	74	0	1,390	184	30
Pomona	0.15	18.65	4.67	85	61	74	1	1,323	213	30
Seabrook	0.78	15.66	1.55	85	57	72	-2	1,281	40	50
South Harrison	0.17	7.85	-7.97	86	62	73	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.

JERSEY FRESH AVAILABILITY FOR JULY 6, 2009

ARUGULA	Harvesting a light to decreasing volume with warming temperatures.
BABY SPINACH & ARUGULA	Growers continue to have problems w/ weather interrupted planting and harvesting schedules, continue to expect supply gaps over the next weeks.
BASIL	Likes warmer weather, so it's starting to come on more now. Field grown harvesting in light to increasing quantity to augment tunnel started product.
BEETS	Harvesting good quality and quantity.
BLUEBERRIES	The widely planted Duke variety harvesting in good quality and volume. The next couple of weeks will provide our largest volume of the season. The rains that we've had have provided excellent sizing.
CABBAGE	Harvesting a good volume of excellent quality product that's benefited greatly from all of our recent wet weather.
CILANTRO	A very light and inconsistent volume of fair to good quality product due to disrupted planting schedules. Slowing down with the rising temperatures.
COLLARDS	Harvesting good quality and quantity.
CUCUMBERS	Harvesting good quantities of very good field grown product.
DANDELIONS	A fair to good quantity of very good quality Spring planted product.
DILL	Harvesting a light volume in fair to good quality.
EGGPLANT & PEPPERS	Harvesting tunnel started products in very light supply, with eggplant a few days ahead of peppers. Volume increasing quickly with the warming temperatures.
ESCAROLE & ENDIVE	Harvesting a good quality and light to decreasing volume as the temperatures increase.
KALE	A fair to good quantity of good quality product.
LEEKS	A fair volume of good quality product is available.
MINT	Good quality harvesting in good quantity. Likes warmer temperatures.
LETTUCES	Finishing up with the increasing temperatures.
PARSLEY	Fair to good quantities of good quality curly and plain.
PEACHES	Yellow peaches starting with the early "cling" varieties, with fair volume by mid-month. The widely planted John Boy "clingless" varieties starting in two weeks. Good volume expected by the end of July through early September. White peach volume begins with the White Lady variety in early August through mid-September.
RADISHES	Harvesting good quality product in light to declining volume. Does not like the increasing temperatures and volume will fade during the Summer heat.
SPINACH	A fair to decreasing volume of good quality Spring product. The increasing heat is slowing production.
SQUASH	Harvesting good quantities of very good quality product.
SWEET CORN	Harvesting good quality in fair to increasing volume. Slow growing in cool weather resulted in a lighter quantity than usual. It could be another week before retail volume is available. Peak of season should be the end of July.
SWISS CHARD	Harvesting fair to good quality in light to decreasing volume.
TOMATOES	Field grown starting this week with light to increasing volume. It should be another week before retail volume is available.
TURNIPS	Harvesting good quality in good volume.

JERSEY FRESH FORECAST

NECTARINES	Early nectarines starting about mid-July with Easternglo, with a steady supply from early August through the early part of September
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