



**Climate summary for the week ending 8am 10/25/10**

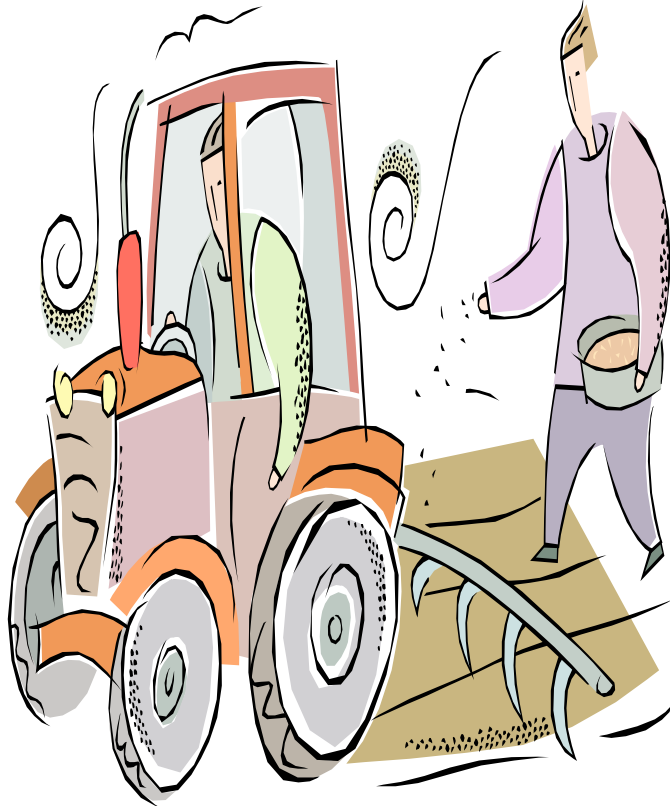
Temperatures averaged 49 degrees north, 53 degrees central, and 54 degrees south. Extremes were 77 degrees at Pomona on October 25, 2010 and 33 degrees at Belvidere and New Brunswick on October 23, 2010.

Weekly rainfall averaged 0.07 inches north, 0.41 inches central, and 0.57 inches south.

The heaviest 24-hour total was 0.66 inches at Seabrook on October 18, 2010 to October 19, 2010.

**Farmers Continue Planting Cover Crops**

Days suitable for field work, for the week ending Sunday, October 24, 2010, were 6.5. Topsoil moisture was rated as 10% short, 85% adequate, and 5% surplus. Subsoil moisture was rated as 5% short, 90% adequate, and 5% surplus. There were minimal amounts of rainfall during the week in most localities. Temperatures reached highs of 77 and lows in the teens across the Garden State. Activities during the week were harvesting corn for grain and soybeans, planting cover crops, and preparing fields for next year. Soybean drying was slowed by excessive moisture. Barley and wheat seedlings have fully-emerged in northern areas. Late-season vegetable harvest continued for cabbage, lettuce, snap beans, and spinach. Pumpkin crop conditions were mostly good as Halloween neared. Cranberry harvest was winding down. Producers continued picking remaining grapes and apples.



**Weather Summary for the Week Ending Monday, October 25, 2010<sup>1</sup>**

Weather Stations	Rainfall			Temperatures Last Week				Growing Degree Days		Soil Moisture
	Last Week	Since March 1		Max.	Min.	Avg.	Dept.	Total	Dept.	
		Total	Dept.							
	Inches	Inches	Inches	Degrees	Degrees	Degrees	Degrees			Percent
<b>North</b>										
Belvidere Bridge	0.06	33.45	N/A	N/A	66	33	8	N/A	N/A	N/A
Canoe Brook	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Charlotteburg	0.00	45.64	N/A	N/A	70	34	9	N/A	N/A	N/A
Flemington	0.22	32.98	N/A	N/A	67	35	0	N/A	N/A	N/A
Newton	0.00	34.08	N/A	N/A	72	34	9	N/A	N/A	N/A
<b>Central</b>										
Freehold	0.42	26.38	N/A	N/A	73	36	2	N/A	N/A	N/A
Long Branch	0.49	32.44	N/A	N/A	67	39	3	N/A	N/A	N/A
New Brunswick	0.20	31.10	N/A	N/A	75	33	3	N/A	N/A	N/A
Toms River	0.49	27.18	N/A	N/A	76	34	2	N/A	N/A	N/A
Trenton	0.44	26.15	N/A	N/A	73	37	3	N/A	N/A	N/A
<b>South</b>										
Cape May C.H.	0.33	22.68	N/A	N/A	74	35	2	N/A	N/A	N/A
Downstown	0.64	25.39	N/A	N/A	75	34	2	N/A	N/A	N/A
Glassboro	0.34	33.34	N/A	N/A	69	40	4	N/A	N/A	N/A
Hammonton	0.63	27.05	N/A	N/A	76	38	4	N/A	N/A	N/A
Pomona	0.73	25.62	N/A	N/A	77	37	4	N/A	N/A	N/A
Seabrook	0.73	N/A	N/A	N/A	73	42	6	N/A	N/A	N/A
South Harrison	0.72	30.16	N/A	N/A	43	19	2	N/A	N/A	N/A

<sup>1</sup>Data not available for all historic comparisons.

## JERSEY FRESH AVAILABILITY & FORECAST REPORT

Most of the state has received a little bit of rain lately, though much of our volume production areas in the southern part of the state have still not received very much rain, and have been irrigating. There's a 90% chance of rain tonight, and for the next several days through Thursday morning as well, so we'll be wet this week. Bring an umbrella with you for the next several days. Today's mid 70's, will rise a few degrees by Wednesday, and then drop by almost ten degrees a day for Thursday and then Friday, when 60 is expected to be the high. Our weekend will see a similar high of 60, though it should be dry and sunny. Overnight temperatures will fall ten degrees from the low 60's into the low 50's for Wednesday morning, and then into the upper 30's by Friday morning. Shorter days, and cooler night time temperatures below 50, will adversely affect the remaining "summer" crops, but provide great growing conditions for our "fall" crops such as greens, lettuces, cabbage, white and sweet potatoes, and hard squashes. These crops are growing well but need the coming rain. We might think we've seen enough rain by Thursday afternoon though.

Our tough late summer growing conditions caused heat stress, decreased production levels, and smaller sizes for most late season "summer" produce items as well as potatoes and sweet potatoes. Most of these "summer" crops, especially sweet corn, tomatoes, and cucumbers are finishing, while peppers, eggplants, and summer squashes aren't far behind with frost to put an end to their seasons. This same late Summer Mediterranean growing climate though has been great for pumpkins and hard squashes. Beautiful color and hardness (shelf life) have resulted. Growers haven't had to worry about bacterial or fungal problems for these fall crops at all and exceptional quality products are becoming available. Please consider sourcing NJ apples for your fall fruit promotions.

Please let me know how I can make this report of more use to you. Feel free to respond to [William.walker@ag.state.nj.us](mailto:William.walker@ag.state.nj.us) at any time if you have questions or need more information about Jersey Fresh availability.

*Bill Walker – NJ Dept. of Agriculture*

### AVAILABILITY FOR OCTOBER 25, 2010

<b>APPLES</b>	Fresh apples available from storage thru December. Cider is available until Christmas in wholesale volume, through late Spring for retail sales.
<b>ARUGULA &amp; CILANTRO</b>	Harvesting a good quantity of good quality products.
<b>BABY SPINACH &amp; ARUGULA</b>	Harvesting a good quantity of good quality product.
<b>BASIL &amp; MINT</b>	Harvesting good quality product in very light to decreasing volume. Basil especially likes warmer weather so cooler nights, below 50, are slowing down harvest. Available until frost.
<b>BEETS</b>	Harvesting good quality in good volume. Available thru Thanksgiving.
<b>CABBAGE</b>	Harvesting good quality in good volume. Available thru Thanksgiving.
<b>COLLARDS/KALE</b>	Harvesting good quality in good volume. Likes the cooler weather. Available thru Thanksgiving.
<b>CRANBERRIES</b>	Finished harvesting w/ volume off a little due to hot & stressful growing conditions and a lack of rainfall. The lack of cool overnight temps. also hurt berry color development.
<b>CUCUMBERS</b>	Finishing up.
<b>DANDELIONS</b>	A good volume of good quality Spring planted product.
<b>DILL</b>	Harvesting good quality and fair to decreasing quantity.
<b>EGGPLANT</b>	Harvesting good quality product in light to decreasing supply.
<b>ESCAROLE/ENDIVE</b>	Harvesting good quality in good volume.
<b>LEEKS</b>	A good volume of good quality product is available.
<b>LETTUCES</b>	Boston, Romaine, Red & Green Leaf harvesting in good quality & quantity.
<b>PARSLEY</b>	Harvesting a good quantity of good quality product.
<b>PEPPERS</b>	Harvesting fair to good quality product in very light to finishing supply. Hot and stressful late growing conditions caused growth problems.
<b>PUMPKINS</b>	Harvesting good quality and quantity. Long term heat and lack of rain created tough growing conditions that produced slightly less quantity and size than last year though w/ good color and hardness (shelf life) results. Quality should be excellent though as there has been a lack of disease pressure. Excellent stem quality from irrigated fields. Know your grower.
<b>RADISHES &amp; TURNIPS</b>	Temperature sensitive, a good quantity of good quality are available.
<b>SPINACH</b>	Harvesting very good quality in good quantity.
<b>SQUASH</b>	Finishing yellow w/ v. light to finishing quantities of good quality zucchini. Good quantities of acorn and butternut have been harvested and are curing in storage. Hard squashes available through Thanksgiving.
<b>SWEET CORN</b>	Finishing up.
<b>SWEET POTATOES</b>	A tough growing season. Harvesting & curing a small harvest of good quality potatoes.
<b>SWISS CHARD</b>	Harvesting a good quantity of good quality. Available thru Thanksgiving.
<b>TOMATOES</b>	Harvesting fair to good quality product in finishing volume.
<b>WHITE POTATOES</b>	A tough growing season. A small harvest of good quality potatoes; mainly round white varieties, with some Yukon Gold, Redskin varieties, and a bit of Russets as well.

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