



NJ-CW2312

New Jersey Weather and Crop Bulletin

June 11, 2012

New Jersey's Strawberry Harvest is Near Completion

For the week ending Sunday, June 10, 2012, there were 6 days suitable for field work. Topsoil moisture was rated at 25% short and 75% adequate. Subsoil moisture was rated at 20% short and 80% adequate. Pasture and Range condition was rated at 10% fair, 60% good, and 30% excellent. Temperatures reached highs in the mid-80s to the low-90s and lows in the mid-40s to low-50s across the Garden State.

Fifty percent of New Jersey's winter wheat has been harvested. Producers are reporting insect damage. The condition of the winter wheat crop was 10% fair, 75% good, and 15% excellent. Grain crops are progressing nicely. New Jersey's strawberry harvest is nearing completion. Early variety blueberry harvesting continues with producers reporting a good harvest of Dukes. Freeze damage in blueberries has been reported. Grapes vines are beginning to bloom. Other farming activities included irrigating fields, planting corn and soybeans, harvesting vegetables, and hay work. Growers are applying fungicides as a preventative for various diseases. Livestock condition was good. Milk production was average.

Climate summary for the week ending 8am June 11, 2012

Temperatures averaged below normal, averaging 64 degrees north 66 degrees central, and 67 degrees south. Extremes were 92 degrees at Hammonton and Downstown on June 11, 2012, and 44 degrees at Charlotteburg on June 6, 2012.

Weekly rainfall averaged 0.43 inches north, 0.93 inches central, and 0.38 inches south. The heaviest 24 hour total reported was 0.82 inches at Freehold on June 7, 2012 to June 8, 2012.

Estimated soil moisture, in percent of field capacity, this past week averaged 93 percent north, 90 percent central, and 74 percent south.

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

Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania Issued By Rutgers University- New Brunswick, NJ 8 am EDT Monday June 11, 2012

Rainfall amounts none today through tonight, quarter to half an inch Tuesday afternoon and evening with locally heavier amounts. Winds for spraying southeast 5 to 10 mph through Tuesday.

Relative humidity in percent 40 to 50 today, 90 to 100 tonight, 50 to 60 Tuesday. Dew points upper 50s to low 60s through early Tuesday, mid 60s Tuesday afternoon.

Drying conditions fair to good today, fair at best Tuesday. Light dew tonight, little dew expected Tuesday night but wetting in showers is likely. Percent of possible sunshine 50 today, 10 Tuesday.

There is 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. Hay cutting will continue good drying today but then with a strong threat of showers and thundershowers Tuesday and into Wednesday morning and a continuing threat of scattered showers for much of the week.

Soil moisture levels continue to decrease except where localized heavy rain has occurred. Four inch soil temperatures are now in the low to mid 70s and should remain steady for the next several days. Growing degree day totals base 50 continue to run well ahead of normal.

The latest 8 to 14 day outlook for the period June 18, 2012 to June 24, 2012 is calling for temperatures to average above normal and precipitation to average near normal.

Weather Summary for the Week Ending Monday, June 11, 2012

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	Base 50°F	Base 50°F	Percent
North										
Belvidere Bridge.....	0.16	11.15	-1.65	85	45	64	-3	741	227	80
Canoe Brook.....	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
Charlotteburg.....	1.05	11.08	-2.85	85	44	63	-1	744	393	91
Flemington.....	0.40	11.18	-2.09	89	46	65	-2	840	342	88
Newton.....	0.11	8.84	-3.62	84	47	63	-2	779	374	82
Central										
Freehold.....	1.58	10.81	-2.34	86	47	67	-1	900	326	89
Long Branch.....	0.75	15.39	1.99	83	50	65	-3	742	224	70
New Brunswick.....	1.32	11.79	-1.12	89	48	67	-2	913	298	98
Toms River.....	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
Trenton.....	0.07	10.49	-1.43	90	48	66	-4	1,047	393	64
South										
Cape May C.H.....	0.43	8.19	-3.37	88	46	65	-3	686	103	69
Downstown.....	0.44	7.60	-4.23	92	45	67	-3	932	254	57
Hammonton.....	0.05	9.67	-2.68	92	47	67	-3	967	319	47
Pomona.....	0.59	9.82	-1.50	88	50	67	-1	919	350	68
Seabrook.....	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
South Harrison.....	0.57	8.62	-3.83	92	50	68	N/ A	1,038	N/ A	N/ A

* Departure from normal.

¹ Growing degree days since March 1, 2012, 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 JUNE 11, 2012

ARRUGULA	Harvesting good quality in good quantity.
BABY SPINACH & ARUGULA	Harvesting very good quality in fair to good quantity.
BASIL	Likes warm weather. Harvesting good quality in light to fair volume.
BEETS	Harvesting good quality product in good volume.
BLUEBERRIES	The widely planted Duke variety is harvesting very good quality large berries in light to fair and quickly increasing volume.
CABBAGE	Harvesting excellent quality product in fair to good volume.
CILANTRO	A good volume of good quality Spring planted product harvesting.
COLLARDS/KALE	A good volume of good quality Spring planted products harvesting.
CUCUMBERS	Good quality Pickles harvesting in fair to increasing volume. Harvesting good quality cukes in light to increasing volume.
DANDELIONS	Good quality bunched Spring planted Italian and San Pasquale varieties both harvesting in good quantity.
DILL	Harvesting very good quality in fair to decreasing quantity.
ESCAROLE & ENDIVE	Harvesting very good quality products in fair to decreasing volume with the increasing seasonal warmth. Spring season finishing up.
LEEKs	A fair to good volume of good quality Spring planted harvesting.
LETTUCES	Seasonable warmth is finishing up the Spring season for the temperature sensitive Boston, & Red & Green Leaf lettuces. "Mucklands" of NW Jersey harvesting for a few more weeks. Harvesting the heartier Romaine in very good quality and fair to decreasing volume.
MINT	Harvesting a good volume of very good quality product.
PARSLEY	Harvesting a good volume of very good quality curly and plain.
RADISHES	Harvesting good quality product in fair to quickly decreasing volume. Seasonable warmth is curtailing up the Spring season.
SPINACH	A good volume of good quality Spring planted product harvesting.
SQUASH	Green and yellow squash harvesting in fair and increasing volume.
SWEET CORN	Very light volume of very good quality corn is already beginning. It will be two weeks before volume is available. Very good retail volume will be available for the 4th. Peak of season should be the middle of July.
SWISS CHARD	Harvest of good volume of very good quality product.
TURNIPS	Harvesting very good quality in fair to decreasing quantity.

JERSEY FRESH FORECAST

EGGPLANT & PEPPERS	Harvest will begin at end of month with tunnel started products in very light supply. Quantity will increase quickly with warming temperatures but it will be at least mid-July before significant volume is available. Peppers are always a few days ahead of eggplants.
PEACHES	Some early yellow varieties are already starting in very light to increasing volume. We will start picking some Spring Snow and Sugar May white peaches the following two weeks. Expect yellow peach volume by the beginning of July w/ white volume by mid-month.
NECTARINES	Harvest will start mid-July, with volume by the end of the month.
TOMATOES	Tunnel started product starting in very light volume and high prices. Field grown starting next week with volume by the end of the month.