



NJ-CW2512

New Jersey Weather and Crop Bulletin

June 25, 2012

Sweet Corn Harvest Has Begun

For the week ending Sunday, June 24, 2012, there were 6 days suitable for field work. Topsoil moisture was rated at 25% short, 70% adequate, and 5% surplus. Subsoil moisture was rated at 15% short, 80% adequate, and 5% surplus. Pasture and Range condition was rated at 5% poor, 25% fair, 45% good, and 25% excellent. Temperatures reached highs in the mid 80s to the upper 90s and lows in the mid 40s to the upper 50s across the Garden State.

Seventy-five percent of New Jersey's winter wheat has been harvested. The condition of the winter wheat crop was 20% fair, 75% good, and 5% excellent. Crop growth has been good and growers are increasing their offerings at local markets. The blueberry harvest continues. The sweet corn harvest has begun. Heat damage was reported for peas and lettuce and some burning has been reported for young transplants on plasticulture. Other farming activities included irrigating fields, harvesting wheat and vegetables, spraying fertilizer, and hay work. Livestock condition was good. Milk production was slightly lower due to excessive heat and humidity.

Climate summary for the week ending 8am June 25, 2012

Temperatures averaged much above normal, averaging 74 degrees north, 76 degrees central, and 75 degrees south. Extremes were 9 degrees at Hammonton on June 22, 2012, and 46 degrees at Freehold on June 19, 2012.

Weekly rainfall averaged 0.31 inches north, 0.91 inches central, and .76 inches south. The heaviest 24 hour total reported was 1.68 inches at Toms River on June 22, 2012 to June 23, 2012.

Estimated soil moisture, in percent of field capacity, this past week averaged 74 percent north, 71 percent central, and 65 percent south.

Four inch soil temperatures averaged 71 degrees north, 72 degrees central, and 71 degrees south.

Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania Issued By Rutgers University- New Brunswick, NJ 8 am EDT Monday June 25, 2012

Rainfall amounts quarter of an inch with locally heavy amounts possible today, tenth of an inch this evening, none Tuesday. Winds for spraying southwest then northwest 5 to 10 mph today, northwest 5 mph tonight, northwest 10 to 15 mph Tuesday.

Relative humidity in percent 70 to 80 today, 90 to 100 tonight, 40 to 50 Tuesday. Dew points 60 to 65 today, dropping through the 50s tonight to near 50 on Tuesday.

Drying conditions generally poor today, good Tuesday. Frost freeze or dew little dew but wetting in showers tonight, light dew Tuesday night. Percent of possible sunshine 30 today, 90 Tuesday.

There is a 60 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 should not be considered today with scattered showers into tonight. Drier air will on Tuesday and continue through Thursday with another risk of showers on Friday.

Soil moisture has decreased in the past several days with some local relief today. Four inch soil temperatures are now in the upper 70s to low 80s and will hold steady over 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 July 2, 2012 to July 8, 2012 is calling for temperatures to average above normal and precipitation to average near normal.

Weather Summary for the Week Ending Monday, June 25, 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.....	0.35	12.53	-2.07	94	56	73	4	1,022	252	66
Canoe Brook.....	0.39	10.79	-4.95	96	59	76	6	1,145	407	70
Charlotteburg.....	0.03	11.88	-4.00	93	49	73	6	1,019	448	63
Flemington.....	0.31	12.71	-2.31	95	57	75	5	1,145	379	72
Newton.....	0.40	9.65	-4.64	94	55	73	5	1,066	421	72
Central										
Freehold.....	0.52	12.47	-2.30	95	46	75	4	1,194	339	71
Long Branch.....	0.46	17.25	2.39	96	59	76	6	1,036	249	58
New Brunswick.....	1.42	14.75	0.32	97	58	76	3	1,226	320	90
Toms River.....	1.70	12.95	-1.73	99	54	75	4	1,002	220	85
Trenton.....	0.46	11.72	-1.70	95	53	76	3	1,362	405	56
South										
Cape May C.H.....	0.38	9.69	-3.34	95	48	73	2	954	93	57
Downstown.....	0.51	9.57	-3.72	97	48	76	4	1,242	266	59
Hammonton.....	0.50	11.28	-2.71	99	50	77	4	1,281	333	55
Pomona.....	1.66	14.05	1.34	96	48	75	4	1,210	343	84
Seabrook.....	2.71	12.50	0.60	86	54	71	0	1,245	417	71
South Harrison.....	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 25, 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 fair to good volume.
BEETS	Harvesting good quality product in good volume.
BLUEBERRIES	The widely planted Duke variety is harvesting excellent quality large berries in good volume. The next two weeks will provide our largest volume of the season.
CABBAGE	Harvesting excellent quality product in 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 & Cukes harvesting in good volume.
DANDELIONS	Good quality bunched Spring planted Italian and San Pasquale varieties both harvesting in good quantity.
DILL	Harvesting very good quality in light volume most of the Summer although extreme warmth will curtail availability.
EGGPLANT	An early harvest beginning in very light supply. Quantity will increase quickly with warming temperatures but it will be several weeks before significant volume is available.
ESCAROLE & ENDIVE	The increasing seasonal warmth has curtailed the Spring season. See you in the Fall.
LEEKS	A good volume of good quality Spring planted harvesting.
LETTUCES	Seasonable warmth is finishing up the Spring season for these temperature sensitive products. "Mucklands" of NW Jersey harvesting the heartier Romaine for a few more weeks.
MINT	Harvesting a good volume of very good quality product.
PARSLEY	Harvesting a good volume of very good quality curly and plain.
PEACHES	Early yellow varieties are harvesting in light to increasing volume. We are also picking a few early white peaches. Expect commercial yellow peach volume by the beginning of July w/ white volume by mid-month.
PEPPERS	An early harvest beginning in very light supply. Quantity will increase quickly with warming temperatures but it will be several weeks before good volume is available.
RADISHES	Will continue to harvest good quality product in light volume most of the Summer although extreme warmth will curtail availability.
SPINACH	A good volume of good quality Spring planted product harvesting.
SQUASH	Very good quality green and yellow squash harvesting in good volume.
SWEET CORN	Light to increasing volume of very good quality corn. It will be late week 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.
TOMATOES	Tunnel started and first field grown product harvesting in light to quickly increasing volume w/ high prices. Volume by early July.
TURNIPS	Harvesting very good quality in light to decreasing quantity.

JERSEY FRESH FORECAST

NECTARINES	Harvest will start mid-July, with volume by the end of the month.
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