



NJ-CW2212

New Jersey Weather and Crop Bulletin

June 4, 2012

Grain Crops are Progressing Nicely

For the week ending Sunday, June 3, 2012, there were 6.0 days suitable for field work. Topsoil moisture was rated as 15% short, 80% adequate, and 5% surplus. Subsoil moisture was rated as 15% short, 80% adequate, and 5% surplus. Pasture and Range condition was rated at 5% poor, 5% fair, 60% good, and 30% excellent. Temperatures reached highs in the upper 80s to the mid 90s and lows in the upper 40s to mid 50s across the Garden State.

Thirty-three percent of New Jersey's winter wheat has been harvested. The condition of the winter wheat crop was 10% fair, 75% good, and 15% excellent. Grain crops are progressing nicely. Strawberry harvesting continues. Early variety blueberry harvesting has begun. Freeze damage in peaches, blueberries, and other fruits has been reported. Farming activities included irrigating fields, spreading fertilizer, planting corn and soybeans, planting and harvesting vegetables, hay work, and spraying herbicides. Livestock condition was good. Milk production was slightly below average due to the heat and humidity.

Climate summary for the week ending 8am June 4, 2012

Temperatures averaged much above normal, averaging 69 degrees north, 71 degrees central, and 71 degrees south. Extremes were 97 degrees at Seabrook on May 30, 2012, and 47 degrees at Charlotteburg on June 4, 2012.

Weekly rainfall averaged 1.54 inches north, 1.17 inches central, and 0.68 inches south. The heaviest 24 hour total reported was 1.75 inches at Long Branch on June 1, 2012 to June 2, 2012.

Estimated soil moisture, in percent of field capacity, this past week averaged 89 percent north, 80 percent central, and 62 percent south.

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

**Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued By Rutgers University- New Brunswick, NJ
8 am EDT Monday June 4, 2012**

Rainfall amounts one to two tenths of an inch today, less than a tenth tonight, tenth of an inch Tuesday with locally higher amounts possible each period. Winds for spraying north 10 to 15 mph today, northeast 10 to 15 mph tonight, northeast 10 to 15 mph Tuesday.

Relative humidity in percent 50 to 60 today, near 100 tonight, 50 to 60 Tuesday. Dew points near 50 today, upper 40s tonight, mid 40s Tuesday.

Drying conditions fair at best today and Tuesday. Frost freeze or dew little dew expected tonight and Tuesday night but wetting in showers is possible both nights. Percent of possible sunshine 20 today, 30 Tuesday.

There is a 50 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 runs a high risk of wetting in scattered showers for the next several days.

Soil moisture levels remain fairly high. Four inch soil temperatures are now in the upper 60s to low 70s and should remain steady for the next few 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 11, 2012 to June 17, 2012 is calling for temperatures to average above normal and precipitation to average near normal.

Weather Summary for the Week Ending Monday, June 4, 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.....	1.62	10.99	-0.91	88	48	67	2	644	252	99
Canoe Brook.....	0.81	8.98	-4.15	91	51	71	6	725	360	81
Charlotteburg.....	1.73	10.03	-2.92	90	47	68	6	654	396	98
Flemington.....	1.89	10.78	-1.62	91	48	69	4	734	351	99
Newton.....	1.66	8.73	-2.81	88	49	68	5	685	381	98
Central										
Freehold.....	0.59	9.23	-3.11	91	51	71	5	781	330	73
Long Branch.....	1.96	14.64	1.96	88	54	71	6	639	239	97
New Brunswick.....	0.80	10.47	-1.67	91	50	71	4	796	312	84
Toms River.....	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
Trenton.....	1.33	10.42	-0.75	91	53	71	3	933	402	100
South										
Cape May C.H.....	0.91	7.76	-3.07	88	52	67	1	576	103	79
Downstown.....	0.33	7.16	-3.93	92	51	71	3	814	269	53
Hammonton.....	0.46	9.62	-1.92	92	52	72	4	845	328	59
Pomona.....	0.71	9.23	-1.45	90	55	72	6	800	352	67
Seabrook.....	1.01	9.06	-1.21	97	57	73	5	962	412	69
South Harrison.....	1.09	8.05	-3.51	91	56	72	N/ A	911	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 4, 2012

ARRUGULA	Harvesting good quality in good quantity.
ASPARAGUS	Finishing up the commercial harvest of good quality product as this season winds down. As temperatures rise, product will start to "bolt" and color and volume fade.
BABY SPINACH & ARUGULA	Harvesting very good quality in fair to good quantity.
BASIL	Likes warm weather. Starting to harvest good quality in light to increasing volume.
BEETS	Harvesting good quality product in fair to good volume.
BLUEBERRIES	Minor quantities of early varieties like Weymouth started over the weekend. The much more widely planted Duke variety is starting, with volume available next week.
CABBAGE	Transplanted earlier than normal. Harvesting excellent quality product in fair to increasing 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 light to fair harvest. Just starting to harvest good quality cukes.
DANDELIONS	Good quality bunched Spring planted Italian and San Pasquale varieties both harvesting in good quantity.
DILL	Harvesting very good quality in good quantity.
ESCAROLE & ENDIVE	Harvesting very good quality products in fair to good volume.
LEEKs	A fair to good volume of good quality Spring planted harvesting.
LETTUCES	Harvesting Boston, Red & Green Leaf, & Romaine in very good quality and good volume. Unseasonable warmth could start to curtail the season.
MINT	Harvesting a good volume of very good quality product.
PARSLEY	Harvesting a good volume of very good quality Spring planted curly and plain.
RADISHES	Harvesting good quality product in good quantity. Unseasonable warmth could start to curtail the season.
SPINACH	A good volume of good quality Spring planted product harvesting.
SQUASH	Field grown green and yellow squash harvesting in light to fair and increasing volume.
STRAWBERRIES	Finished with the commercial harvest. Still harvesting good quality berries in sharply decreasing volume this week with rising temperatures and rainfall finishing up the harvest.
SWISS CHARD	Harvest of good volume of very good quality product.
TURNIPS	Harvest very good quality in fair to good quantity.