



NJ-CW1713

New Jersey Weather and Crop Bulletin

May 6, 2013

A Cool Spring Has Slowed Vegetable Plant Development

Days suitable for field work 6.5. Topsoil moisture was 5% very short, 40% short, and 55% adequate. Subsoil moisture was 35% short and 65% adequate. Pasture and range condition was 45% fair, 35% good, and 20% excellent. Highs reached the mid 70s and lows were in the low 30s across the Garden State.

Producers were planting field corn and soybeans. Fruit trees, blueberries, and strawberries were in bloom. Spring vegetable planting continued. A cool spring has slowed vegetable plant development, but producers think plants will catch up once the weather warms. Herbs, greens, and lettuces were among the crops that have been harvested. Other activities included irrigation, tillage work, discing, spreading lime and fertilizer, pre-emergent herbicide spraying, and some hay work. Livestock condition was good and dairy production was average.

Climate summary for the week ending 8am 5/6/13

Temperatures averaged 54 degrees north, 52 degrees central, and 53 degrees south. Extremes were 75 degrees at Flemington and Newton on May 3, 2013, and 32 degrees at Belvidere on May 4, 2013.

Weekly rainfall averaged 0.15 inches north, 0.18 inches central, and 0.54 inches south. The heaviest 24 hour total reported was 1.02 inches at Cape May Courthouse on April 29, 2013 to April 30, 2013.

**Agricultural Weather Advisory For New Jersey and Southeastern Pennsylvania
Issued By Rutgers University - New Brunswick, NJ
8 am EDT Monday May 6, 2013**

Rainfall amounts little expected through Tuesday. Winds for spraying east/southeast 5 to 10 mph through Tuesday. Relative humidity in percent 50 to 60 today, 90 to 100 tonight, 50 to 60 Tuesday. Dew points mid to upper 40s through Tuesday.

Drying conditions fair today, fair Tuesday. Dew tonight and Tuesday night. Percent of possible sunshine 50 today, 10 Tuesday.

There is 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. Temperatures in the representative cranberry bogs will likely remain above freezing tonight and Tuesday night due to clouds.

Hay cutting will only see fair drying today and Tuesday and then a chance of showers by Wednesday and into Thursday.

Soil moisture levels continue to drop and are making for fast field work but a good wetting would benefit early planted crops.

The latest 8 to 14 day outlook for the period May 13th to May 19th is calling for temperatures to average above normal and precipitation to average above normal.

Weather Summary for the Week Ending Monday, May 6, 2013

| Weather Stations | Rainfall | | Temperatures Last Week | | |
|-----------------------|-----------|---------------|------------------------|---------|---------|
| | Last Week | Since March 1 | Max. | Min. | Avg. |
| | | Total | | | |
| | Inches | Inches | Degrees | Degrees | Degrees |
| North | | | | | |
| Belvidere Bridge..... | 0.05 | 5.83 | 74 | 32 | 53 |
| Canoe Brook..... | | 4.89 | | | |
| Charlotteburg..... | 0.20 | 3.72 | 73 | 35 | 54 |
| Flemington..... | 0.36 | 5.82 | 75 | 35 | 54 |
| Newton..... | 0.00 | 2.71 | 75 | 36 | 55 |
| Central | | | | | |
| Freehold..... | 0.08 | 4.60 | 68 | 38 | 52 |
| Long Branch..... | 0.19 | 6.90 | 60 | 41 | 51 |
| New Brunswick..... | 0.14 | 4.97 | 72 | 37 | 53 |
| Toms River..... | 0.24 | 3.17 | 64 | 40 | 52 |
| Trenton..... | 0.26 | 4.86 | 71 | 41 | 54 |
| South | | | | | |
| Cape May C.H..... | 1.12 | 7.01 | 59 | 40 | 51 |
| Downstown..... | 0.51 | 5.48 | 69 | 36 | 53 |
| Hammonton..... | 0.34 | 6.27 | 71 | 40 | 54 |
| Pomona..... | 0.76 | 7.40 | 64 | 37 | 51 |
| Seabrook..... | 0.14 | 5.82 | 73 | 43 | 56 |
| South Harrison..... | 0.34 | 3.76 | 69 | 41 | 55 |