

nj-crop-weather

State  
New Jersey Crop Weather

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Week Ending  
September 30, 2001

Issue  
NJ-CW3901

**In Cooperation With:**

U.S. Department of Agriculture  
National Agricultural Statistics Service  
Agricultural Marketing Service  
U.S. Department of Commerce/N.O.A.A.  
Rutgers University

**Agricultural Summary**

Days suitable for field work 5.5. Topsoil moisture supplies were rated 15% short and 85% adequate. Corn dent 89%. Corn mature 62%. Corn harvested 20%. Corn condition was rated 44% fair, and 56% good. Corn silage harvested 51%. Soybean condition was rated 29% fair, 62% good and 9% excellent. Activities included plowing, planting cover crops, re-seeding pastures and hay fields, and harvesting fall vegetables. Producers made good progress harvesting pumpkins and sweet potatoes, both of which were rated in mostly good condition. Cucumber, pepper, eggplant, and sweet corn harvest was neraly should be completed in the next few weeks. Cranberry producers continued harvesting white cranberries for juice. Crop condition was rated as mostly good. Apples were also rated in mostly good condition with harvest continuing on schedule.

**Climate summary for the week ending Sunday 9/30/01**

Temperatures averaged below normal. Extremes were 82 degrees at Seabrook and Pemberton on the 25<sup>th</sup> and 38 degrees at Charlotteburg on the 26<sup>th</sup>. Weekly rainfall averaged 0.97 inches north, 1.13 inches central, and 0.92 inches south. The heaviest 24 hour total reported was 1.75 inches at long branch on the 30th to 1<sup>st</sup>.

Estimated soil moisture, in percent of field capacity, this past week averaged 97 percent north, 86 percent central and 63 percent south. Four inch soil temperatures averaged 56 degrees north, 63 degrees central and 63 degrees south.

**WEATHER SUMMARY FOR THE WEEK ENDING SUNDAY 9/30/01**

| WEATHER STATIONS     | R A I N F A L L |       |       | TEMPERATURE |    |     | GROWING 1/ SOIL 2/ |      |      |     |
|----------------------|-----------------|-------|-------|-------------|----|-----|--------------------|------|------|-----|
|                      | WEEK            | TOTAL | *DEP  | MX          | MN | AVG | *DEP               | TOT  | *DEP | %FC |
| BELVIDERE BRIDGE     | 1.32            | 26.72 | -1.85 | 79          | 41 | 56. | -2                 | 2883 | 269  | 93  |
| CANOE BROOK          | .92             | 28.15 | -1.89 | 79          | 42 | 56. | -2                 | 3063 | 434  | 100 |
| CHARLOTTEBURG        | .79             | 24.77 | -5.57 | 76          | 38 | 55. | -1                 | 2522 | 443  | 93  |
| FLEMINGTON           | .95             | 35.69 | 7.04  | 78          | 41 | 55. | -4                 | 2792 | 97   | 96  |
| LONG VALLEY          | DATA MISSING    |       |       |             |    |     |                    |      |      |     |
| NEWTON               | .87             | 22.14 | -5.76 | 77          | 39 | 54. | -2                 | 2620 | 285  | 92  |
| FREEHOLD             | .93             | 25.00 | -2.80 | 80          | 44 | 59. | -1                 | 3260 | 385  | 93  |
| LONG BRANCH          | 2.04            | 28.82 | .68   | 74          | 46 | 59. | -2                 | 2990 | 171  | 100 |
| NEW BRUNSWICK        | .90             | 29.16 | .86   | 80          | 43 | 58. | -3                 | 3087 | 83   | 97  |
| PEMBERTON            | 1.20            | 23.73 | -4.75 | 82          | 43 | 58. | -3                 | 3330 | 383  | 100 |
| TOMS RIVER           | .93             | 27.67 | -1.12 | 78          | 44 | 59. | -1                 | 3101 | 281  | 100 |
| TRENTON              | .76             | 27.31 | .55   | 81          | 43 | 58. | -4                 | 3202 | 73   | 81  |
| ATLANTIC CITY MARINA | .59             | 16.70 | -7.17 | 79          | 48 | 60. | -3                 | 3312 | 414  | 57  |
| CAPE MAY COURT HOUSE | 1.02            | 22.62 | -2.36 | 80          | 46 | 60. | -4                 | 3318 | 438  | 71  |
| DOWNSTOWN            | .79             | 20.28 | -5.87 | 80          | 42 | 58. | -4                 | 3173 | 24   | 83  |
| GLASSBORO            | 1.06            | 22.93 | -4.63 | 81          | 46 | 59. | -3                 | 3500 | 389  | 96  |
| HAMMONTON            | .98             | 18.90 | -8.62 | 80          | 44 | 59. | -2                 | 3305 | 188  | 86  |
| POMONA               | 1.01            | 17.45 | -7.32 | 78          | 43 | 59. | -2                 | 3197 | 302  | 80  |
| SEABROOK             | .98             | 25.82 | .57   | 82          | 45 | 58. | -4                 | 3452 | 282  | 85  |
| SOUTH HARRISON       | .66             | 24.46 | -2.50 | 79          | 44 | 59  | NA                 | 3346 | NA   | NA  |

\*Departure from normal.

\*\*Some values for Flemington were estimated for the period April-May

"Woodstown normals used for South Harrison"

1/ Growing degree days since March 1, total and departure from normal or long term average.

2/ Estimated soil moisture as % of field capacity based on climate data.

**Contact Information**

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