WEATHER ADVISORY FOR NEW JERSEY AND SOUTHEASTERN PENNSYLVANIA
ISSUED BY RUTGERS UNIVERSITY
NEW BRUNSWICK, NJ
8 AM EDT MONDAY, JULY 21, 2008

Rainfall amounts none today, one tenth of an inch or less with isolated higher amounts tonight and Tuesday. Winds for
spraying west to 10 mph today, southwest 5 to 10 mph tonight, west 5 to 10 mph Tuesday. Relative humidity in percent 45 to
55 today, 90 to 100 tonight, 40 to 50 Tuesday. Dew points upper 60s to low 70s through Tuesday. Drying conditions fair
today, fair Tuesday. Light dew tonight with possible wetting in isolated showers, light dew Tuesday night with possible wetting
in isolated showers. Percent of possible sunshine 60 today, 60 Tuesday.

There is a 20 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. Conditions should be unfavorable
for cranberry scald today and Tuesday. Hay cutting will see fair conditions through Tuesday with a threat of isolated wetting
possible from showers today and Tuesday.

Estimated soil moisture in percent of field capacity continues to
decrease and therefore the need for irrigation will continue to
run well ahead of normal. Precipitation totals are averaging
near normal in some locations to below normal in others.

The latest 8 to 14 day outlook for the period July 28, 2008 to
August 3, 2008 is calling for temperatures to average above
normal and precipitation to total below normal.

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Climate summary for the week ending 8am 7/21/08

Temperatures averaged much above normal, averaging 77
degrees north, 79 degrees central, and 79 degrees south.
Extremes were 97 degrees at several locations on July 19, 2008,
July 20, 2008, and July 21, 2008, and 57 degrees at Flemington
on July 16, 2008.

Weekly rainfall averaged 0.50 inches north, 0.20 inches central,
and 0.11 inches south. The heaviest 24 hour total reported was
0.78 inches at Andover on July 15, 2008.

Estimated soil moisture, in percent of field capacity, this past
week averaged 75 percent north, 52 percent central, and 46
percent south. Four inch soil temperatures averaged 75 degrees
north, 76 degrees central, and 76 degrees south.

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Summer Vegetable Harvesting Continues

Days suitable for field work, for the week ending Sunday, July
20, 2008, were 6.5. Topsoil moisture was rated as 20% very
short, 35% short and 45% adequate. Subsoil moisture was rated
as 5% very short, 35% short and 60% adequate. There were no
measurable amounts of rainfall for the week in most localities.
Temperatures were above normal during the week across the
Garden State. Producers continued harvesting summer
vegetables. Various crops suffered slow growth and sunburn
from the hot weather throughout the state. Fields were irrigated
as dry conditions persisted. In the central district, the second
cutting of hay was underway. Late blueberry harvesting
continued, while peaches colored nicely in south Jersey. Other
activities included spraying, baling, and harvesting.

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Growing degree days since March 1, 2008, total and departure from normal or long term average.

* Departure from normal.
1 Growing degree days since March 1, 2008, 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.
<table>
<thead>
<tr>
<th>Item</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARUGULA &amp; CILANTRO</td>
<td>A light volume and fair quality of products with hot temperatures.</td>
</tr>
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<td>Harvesting in good quality and quantity. Not as affected by the heat.</td>
</tr>
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<td>BASIL</td>
<td>Harvesting good quality product in good volume.</td>
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<td>CABBAGE</td>
<td>Harvesting good quality product in good volume.</td>
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<td>CANTALOUPES &amp; MELONS</td>
<td>Harvesting in good volume and very good quality. Should have product thru Labor Day.</td>
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<tr>
<td>COLLARDS</td>
<td>Harvesting good quality in good volume.</td>
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<tr>
<td>CUCUMBERS/PICKLES</td>
<td>Harvesting a good quantity of very good quality product.</td>
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<tr>
<td>DAYELION</td>
<td>Good quality Spring planted San Pasquale variety available.</td>
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<tr>
<td>DILL</td>
<td>Harvesting very good quality in good volume.</td>
</tr>
<tr>
<td>EGGPLANT &amp; PEPPERS</td>
<td>Harvesting good quality in fair to good volume.</td>
</tr>
<tr>
<td>KALE</td>
<td>Very good quantity and quality of product available.</td>
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<tr>
<td>LEEKS &amp; GR. ONIONS</td>
<td>A good volume of good quality product is available.</td>
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<tr>
<td>MINT</td>
<td>Good quality harvesting in good quantity. Likes the heat.</td>
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<tr>
<td>NECTARINES</td>
<td>Early Easternglo, Flavortop, and Summer Beaut varieties are being harvested in fair volume with volume building over several weeks. A good steady volume of the more widely planted Sunglo variety will be starting late next week. Expect a good steady supply from early Aug. through the early part of Sept.</td>
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<tr>
<td>PARSLEY</td>
<td>Very good quality Spring planted curly and plain product available in good quantities.</td>
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<tr>
<td>PEACHES</td>
<td>A volume of Southern peaches on the market is depressing prices. There is also a slight supply gap between the early Sentry variety and the Redhaven “freestone” varieties with good volume expected within the week. Color and brix have been very good while rain would help with sizing. White peaches starting to be picked in volume by the middle of next week with the White Lady variety.</td>
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<tr>
<td>SQUASH</td>
<td>Harvesting good quantities of very good quality Yellow &amp; Zucchini.</td>
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<td>SWEET CORN</td>
<td>Harvesting good quality and fair to good quantity. Peak of the season.</td>
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<td>SWISS CHARD</td>
<td>A light to decreasing volume of good quality product available.</td>
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<td>TOMATOES</td>
<td>Harvesting very good quality in good volume and high prices.</td>
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<tr>
<td>TURNIPS</td>
<td>Harvesting good quality and light quantity with this heat.</td>
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<tr>
<td>WHITE POTATOES</td>
<td>Harvesting mainly round white varieties, with some Yukon Gold and Redskin varieties as well. Source your N.J. white potatoes in their distinctive “Jersey Fresh” bags.</td>
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</table>
2008 TOTAL RAINFALL (NEWTON)

Source: http://www.envsci.rutgers.edu/fcst/NJ_AG.htm