Excellent Week for Field Work: New Jersey had an average of 6.5 days suitable for field work. Warmer than normal temperatures and significant but varying rain across the State. High temperatures reaching the low to mid 90’s and low temperatures in the mid 50’s to low 60’s. Most areas of New Jersey received about 1 inch of rain, with some areas receiving over 3 inches of rain. Overall, Topsoil and Subsoil Moisture are being reported as mostly adequate.

The following crops are being harvested: arugula, kale, basil, beets, blueberries, cabbage, cilantro, collards, cucumbers, summer dandelion, dill leeks, mint, parsley, peaches, radishes, summer squash, sweet corn, Swiss chard, tomatoes, turnips, eggplant, snap beans and scallions. The following crops are being planted: snap beans, basil, cilantro, collards, cantaloupe, sweet corn, cucumbers, summer dandelion, parsley, summer squash, Swiss chard, scallions and okra.

Crop Conditions as of July 10, 2016
(in percent)

<table>
<thead>
<tr>
<th>Item</th>
<th>Very Poor</th>
<th>Poor</th>
<th>Fair</th>
<th>Good</th>
<th>Excellent</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAY, ALFALFA</td>
<td>0</td>
<td>1</td>
<td>23</td>
<td>65</td>
<td>11</td>
</tr>
<tr>
<td>HAY, OTHER</td>
<td>0</td>
<td>1</td>
<td>25</td>
<td>73</td>
<td>1</td>
</tr>
<tr>
<td>PASTURE AND RANGE</td>
<td>0</td>
<td>1</td>
<td>26</td>
<td>68</td>
<td>5</td>
</tr>
<tr>
<td>SOYBEANS</td>
<td>1</td>
<td>2</td>
<td>47</td>
<td>46</td>
<td>4</td>
</tr>
<tr>
<td>WINTER WHEAT</td>
<td>1</td>
<td>3</td>
<td>19</td>
<td>73</td>
<td>4</td>
</tr>
</tbody>
</table>

Soil Moisture for Week Ending July 10, 2016
(in percent)

<table>
<thead>
<tr>
<th>Item</th>
<th>Very Short</th>
<th>Short</th>
<th>Adequate</th>
<th>Surplus</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOPSOIL</td>
<td>2</td>
<td>22</td>
<td>64</td>
<td>12</td>
</tr>
<tr>
<td>SUBSOIL</td>
<td>3</td>
<td>21</td>
<td>62</td>
<td>14</td>
</tr>
</tbody>
</table>

Crop Progress as of July 10, 2016
(in percent)

For a complete nationwide weekly weather and crop bulletin, please visit www.usda.gov/oce/weather and click on “Weekly Weather and Crop Bulletin.”
## July 10, 2016 New Jersey Weekly Weather Summary

### Last Week Weather Summary

<table>
<thead>
<tr>
<th>Station</th>
<th>Hi</th>
<th>Lo</th>
<th>Avg</th>
<th>DFN</th>
<th>Total</th>
<th>Days</th>
<th>Temperature</th>
<th>Precipitation</th>
<th>Days</th>
<th>GDD Base 50F</th>
<th>Base 40F</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andover</td>
<td>90</td>
<td>56</td>
<td>74</td>
<td>+4</td>
<td>1.17</td>
<td>3</td>
<td>9.61</td>
<td>-4.90</td>
<td>43</td>
<td>1213</td>
<td>+201</td>
<td>2126</td>
</tr>
<tr>
<td>Belvidere_Bridg</td>
<td>91</td>
<td>55</td>
<td>74</td>
<td>+3</td>
<td>0.98</td>
<td>3</td>
<td>9.65</td>
<td>-4.30</td>
<td>39</td>
<td>1130</td>
<td>+78</td>
<td>2027</td>
</tr>
<tr>
<td>Cape_May</td>
<td>93</td>
<td>62</td>
<td>78</td>
<td>+4</td>
<td>0.73</td>
<td>3</td>
<td>15.40</td>
<td>+4.43</td>
<td>44</td>
<td>1374</td>
<td>+84</td>
<td>2319</td>
</tr>
<tr>
<td>Estell_Manor</td>
<td>93</td>
<td>61</td>
<td>78</td>
<td>+3</td>
<td>1.42</td>
<td>5</td>
<td>13.25</td>
<td>+2.67</td>
<td>47</td>
<td>1382</td>
<td>+130</td>
<td>2315</td>
</tr>
<tr>
<td>Flemington</td>
<td>94</td>
<td>56</td>
<td>75</td>
<td>+3</td>
<td>1.57</td>
<td>3</td>
<td>9.18</td>
<td>-5.68</td>
<td>43</td>
<td>1315</td>
<td>+174</td>
<td>2225</td>
</tr>
<tr>
<td>Freehold_Marlbo</td>
<td>94</td>
<td>57</td>
<td>76</td>
<td>+3</td>
<td>1.99</td>
<td>4</td>
<td>11.90</td>
<td>-0.69</td>
<td>42</td>
<td>1355</td>
<td>+96</td>
<td>2284</td>
</tr>
<tr>
<td>Hammonton</td>
<td>94</td>
<td>63</td>
<td>78</td>
<td>+3</td>
<td>2.36</td>
<td>5</td>
<td>13.78</td>
<td>+0.59</td>
<td>54</td>
<td>1415</td>
<td>+60</td>
<td>2351</td>
</tr>
<tr>
<td>Manasquan</td>
<td>87</td>
<td>61</td>
<td>74</td>
<td>-1</td>
<td>1.91</td>
<td>4</td>
<td>9.96</td>
<td>-2.63</td>
<td>40</td>
<td>1180</td>
<td>-79</td>
<td>2079</td>
</tr>
<tr>
<td>Marlton</td>
<td>93</td>
<td>60</td>
<td>77</td>
<td>+3</td>
<td>3.44</td>
<td>5</td>
<td>16.42</td>
<td>+3.55</td>
<td>43</td>
<td>1388</td>
<td>+6</td>
<td>2318</td>
</tr>
<tr>
<td>Millville</td>
<td>92</td>
<td>62</td>
<td>77</td>
<td>+2</td>
<td>1.71</td>
<td>3</td>
<td>12.66</td>
<td>+0.85</td>
<td>45</td>
<td>1385</td>
<td>+13</td>
<td>2329</td>
</tr>
<tr>
<td>Mt_Holly_NWS</td>
<td>93</td>
<td>60</td>
<td>76</td>
<td>+2</td>
<td>1.67</td>
<td>4</td>
<td>13.24</td>
<td>+0.09</td>
<td>42</td>
<td>1343</td>
<td>+14</td>
<td>2263</td>
</tr>
<tr>
<td>Newark</td>
<td>95</td>
<td>62</td>
<td>78</td>
<td>+3</td>
<td>1.18</td>
<td>4</td>
<td>8.75</td>
<td>-4.47</td>
<td>35</td>
<td>1560</td>
<td>+118</td>
<td>2513</td>
</tr>
<tr>
<td>New_Brunswick</td>
<td>94</td>
<td>57</td>
<td>76</td>
<td>+3</td>
<td>1.34</td>
<td>3</td>
<td>10.21</td>
<td>-3.86</td>
<td>39</td>
<td>1389</td>
<td>+141</td>
<td>2325</td>
</tr>
<tr>
<td>Pennsauken</td>
<td>92</td>
<td>63</td>
<td>77</td>
<td>+1</td>
<td>1.23</td>
<td>4</td>
<td>14.97</td>
<td>+1.44</td>
<td>46</td>
<td>1418</td>
<td>-49</td>
<td>2353</td>
</tr>
<tr>
<td>Seabrook_Farms</td>
<td>93</td>
<td>59</td>
<td>77</td>
<td>+2</td>
<td>1.34</td>
<td>3</td>
<td>15.73</td>
<td>+3.38</td>
<td>43</td>
<td>1383</td>
<td>-12</td>
<td>2330</td>
</tr>
<tr>
<td>Sussex_2NW</td>
<td>91</td>
<td>53</td>
<td>74</td>
<td>+4</td>
<td>1.62</td>
<td>4</td>
<td>10.20</td>
<td>-4.69</td>
<td>41</td>
<td>1102</td>
<td>+122</td>
<td>1995</td>
</tr>
<tr>
<td>Trenton</td>
<td>93</td>
<td>60</td>
<td>77</td>
<td>+4</td>
<td>3.28</td>
<td>4</td>
<td>11.13</td>
<td>-2.73</td>
<td>39</td>
<td>1463</td>
<td>+249</td>
<td>2400</td>
</tr>
</tbody>
</table>

Summary based on NWS data. DFN = Departure From Normal.
Precipitation (rain or melted snow/ice) in inches.
Air Temperatures in Degrees Fahrenheit.
Copyright 2016: Agricultural Weather Information Service, Inc. All rights reserved.
Reporters Comments, By County

Reporters are from Extension Service (Ext), Natural Resources Conservation Service (NRCS), Farm Service Agency (FSA), Conservation District (CD), farmers, commodity specialists, or other knowledgeable individuals.

Cumberland County, Dr. Wesley Kline, Ph.D.
The following crops are being harvested: arugula, kale, basil, beets, blueberries, cabbage, cilantro, collards, cucumbers, summer dandelion, dill leeks, mint, parsley, peaches, radishes, summer squash, sweet corn, Swiss chard, tomatoes, turnips, eggplant, snap beans and scallions. The following crops are being planted: snap beans, basil, cilantro, collards, cantaloupe, sweet corn, cucumbers, summer dandelion, parsley, summer squash, Swiss chard, scallions and okra.

Gloucester County, Hemant Gohil, Ph.D.
Warmer temperatures, normal for the second week of July and less than normal precipitation means orchards in some parts of NJ may require supplemental irrigation. Early varieties Sentry, Gala, Ruby Prince, Garnet Beauty and Glen Glow are approaching their last harvest. Harvest of nectarine variety Eastern Glow is picking up. If warm weather persist, we may see early harvest of Red Haven.

Hunterdon County, Bruce Eklund
After a cool, planting delayed spring, and some excess rain causing replanting, recent warm weather and spotty showers have helped the crop catch up somewhat. Success going forward is very dependent on timely rain.

Monmouth County, Bill Sciarappa
Weedy pastures, some buttercup/clover problems with animals, recent rains helped dry spell.
**ARUGULA**  
Harvesting good quality product in light to decreasing volume as temperatures warm.

**BABY KALE, SPINACH & ARUGULA**  
Harvesting very good quality products in good volume.

**BASIL**  
Harvesting excellent quality product in fair volume.

**BEETS**  
Harvesting a good volume of very good quality product.

**BLUEBERRIES**  
Harvesting the intensely flavored Bluecrop variety in excellent quality. This week will provide the last good volume of the season.

**CABBAGE**  
Harvesting a good volume of good quality product.

**CILANTRO**  
Harvesting very good quality products in good volume.

**BASIL**  
Harvesting excellent quality product in fair volume.

**CUCUMBERS**  
Harvesting a good volume of very good quality cukes.

**DANDELIONS**  
Good quality Italian bunched product available in fair to increasing volume.

**DILL**  
Harvesting a fair to light & decreasing volume of very good quality product w/ increasing temperatures.

**EGGPLANT**  
Harvesting excellent quality in light to increasing volume. Volume in ten days to two weeks.

**ESCAROLE & ENDIVE**  
Harvesting a light volume, due to warmer temperatures, for much of the Summer.

**KALE**  
Good quality Spring planted product harvesting in good volume.

**LEEKS**  
A fair volume of good quality product is available.

**MINT**  
Very good quality harvesting in good volume.

**PARSLEY**  
Harvesting a fair volume of good quality Spring product.

**PEACHES**  
An early April frost hurt the crop & a slowly warming Spring has the season starting slightly later than normal in fair to increasing volume w/ early PF & Sentry varieties. Yellow volume and freestone varieties by late next week. White peaches also start late next week w/ volume by early Aug.

**PEPPERS**  
Harvesting excellent quality in light to increasing volume. Volume in ten days to two weeks.

**RADISHES**  
Harvesting very good quality product in light volume for the Summer.

**SPINACH**  
A fair to decreasing volume of good quality Spring product is available.

**SQUASH**  
Harvesting good quantities of excellent quality field grown products.

**SWEET CORN**  
A light to increasing volume of excellent quality field grown product available at South Jersey farm markets. Retail volume becoming available late next week.

**SWISS CHARD**  
Harvesting a good volume of good quality product.

**TOMATOES**  
A light volume of excellent tunnel started products available at farm markets. Field grown starting but will be ten days to two weeks before volume available.

**TURNIPS**  
Harvesting good quality in fair to decreasing volume as temperatures warm.

---

**JERSEY FRESH FORECAST**

**NECTARINES**  
Starting late month with volume by early August.