Good Week for Field Work:  New Jersey had an average of 5.5 days suitable for field work. All stations reported temperatures slightly below normal, with highs only reaching the low 80’s and lows dipping down to the low 40’s across New Jersey. Moderate precipitation was also reported throughout the state. Overall, the weather has slowed crop growth, planting, and field work in many parts of New Jersey.

The following crops are being harvested: arugula, asparagus, basil, spinach, beets, cilantro, collards, summer dandelion, dill, escarole, endive, kale, leeks, lettuce, mint, parsley, strawberries, Swiss chard, cabbage, radishes, turnips, scallions and summer squash. The following crops are being harvested in high tunnels: tomatoes, raspberries, summer squash, turnips, carrots, beets, strawberries, broccoli rabe, kohlrabi, Bok Choy and arugula.

The following crops are being planted: arugula, snap beans, lima beans, beets, basil, cilantro, carrots, collards, sweet corn, cucumbers, summer dandelion, eggplant, green onions, kohlrabi, leeks, okra, parsley, peppers, Swiss chard, turnips, tomatoes and soybeans. Early sweet corn is in full tassel, and cranberries are at the crook neck stage before bloom.

Intermittent showers are making it difficult to harvest hay or rye straw, though winds following the rain do help in drying off fields for planting in parts of New Jersey. The quality of the hay is reported as good throughout most of the state in spite of the rain. In some wetter areas, there are reports of prevented planting. Some smaller operations are pushing through and have been hand planting in the rain. Some growers are also concerned about plant disease issues and worry that the fields are too wet to get into for spraying should disease signs appear. Growers are eager for the sun and heat to return.

Soil Moisture for Week Ending June 4, 2017 (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>0</td>
<td>4</td>
<td>87</td>
<td>9</td>
</tr>
<tr>
<td>SUBSOIL</td>
<td>0</td>
<td>0</td>
<td>95</td>
<td>5</td>
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</table>

Crop Conditions as of June 4, 2017 (in percent)

<table>
<thead>
<tr>
<th>Item</th>
<th>Very Poor</th>
<th>Poor</th>
<th>Fair</th>
<th>Good</th>
<th>Excellent</th>
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<tbody>
<tr>
<td>BLUEBERRIES, HIGHBUSH TAME</td>
<td>0</td>
<td>0</td>
<td>18</td>
<td>32</td>
<td>50</td>
</tr>
<tr>
<td>TOMATOES</td>
<td>0</td>
<td>0</td>
<td>7</td>
<td>86</td>
<td>7</td>
</tr>
<tr>
<td>APPLES</td>
<td>0</td>
<td>30</td>
<td>70</td>
<td>0</td>
<td>0</td>
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<tr>
<td>BELL PEPPERS</td>
<td>0</td>
<td>3</td>
<td>11</td>
<td>85</td>
<td>1</td>
</tr>
<tr>
<td>CORN</td>
<td>0</td>
<td>0</td>
<td>17</td>
<td>67</td>
<td>16</td>
</tr>
<tr>
<td>HAY, ALFALFA</td>
<td>0</td>
<td>12</td>
<td>19</td>
<td>58</td>
<td>11</td>
</tr>
<tr>
<td>HAY, OTHER</td>
<td>0</td>
<td>12</td>
<td>14</td>
<td>73</td>
<td>1</td>
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<tr>
<td>PASTURE AND RANGE</td>
<td>0</td>
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<td>23</td>
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<td>SOYBEANS</td>
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<td>76</td>
<td>4</td>
</tr>
<tr>
<td>WINTER WHEAT</td>
<td>0</td>
<td>0</td>
<td>8</td>
<td>85</td>
<td>7</td>
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</table>

Crop Progress as of June 4, 2017 (in percent)

<table>
<thead>
<tr>
<th>Item</th>
<th>This Week</th>
<th>Last Week</th>
<th>Last Year</th>
<th>5 Year Avg.</th>
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<tbody>
<tr>
<td>APPLES: FULL BLOOM</td>
<td>100</td>
<td>89</td>
<td>N/A</td>
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<tr>
<td>APPLES: PETAL FALL</td>
<td>78</td>
<td>49</td>
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<tr>
<td>APPLES: FRUIT SET</td>
<td>60</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>CORN: PLANTED</td>
<td>80</td>
<td>69</td>
<td>87</td>
<td>72</td>
</tr>
<tr>
<td>CORN: EMERGED</td>
<td>66</td>
<td>49</td>
<td>73</td>
<td>64</td>
</tr>
<tr>
<td>HAY, ALFALFA: FIRST CUTTING</td>
<td>53</td>
<td>37</td>
<td>63</td>
<td>41</td>
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<tr>
<td>HAY, OTHER: FIRST CUTTING</td>
<td>40</td>
<td>29</td>
<td>37</td>
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</tr>
<tr>
<td>SOYBEANS: PLANTED</td>
<td>60</td>
<td>42</td>
<td>59</td>
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<tr>
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<td>38</td>
<td>9</td>
<td>39</td>
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<tr>
<td>WINTER WHEAT: COLORING</td>
<td>93</td>
<td>85</td>
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<tr>
<td>SWEET CORN: PLANTED</td>
<td>65</td>
<td>54</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>SWEET CORN: EMERGED</td>
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<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
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<td>82</td>
<td>65</td>
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<td>N/A</td>
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<tr>
<td>TOMATOES: PLANTED</td>
<td>90</td>
<td>80</td>
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### June 4, 2017 New Jersey Weekly Weather Summary

**Last Week Weather Summary**

<table>
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<tr>
<th>Station</th>
<th>Hi</th>
<th>Lo</th>
<th>Avg</th>
<th>DFN</th>
<th>Temperature</th>
<th>Precipitation</th>
<th>Precipitation</th>
<th>GDD Base 50F</th>
<th>Base 40F</th>
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<td>61</td>
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<td>9.68</td>
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<td>634</td>
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<td>Seabrook_Farms</td>
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<td>11.41</td>
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<td>Sussex_2NW</td>
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<td>5</td>
<td>8.57</td>
<td>-0.18</td>
<td>29</td>
<td>653</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.  
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**Burlington County, Raymond J. Samulis, AG**
Harvesting of many vegetables. Cranberries are at the crook neck stage before bloom. Weather consisting of below normal temperatures has slowed crop progress with some night temperatures in the 30's.

**Cumberland County, Dr. Wesley L. Kline**
Overall crops look good. There has been some difficulty harvesting hay with the continue rains, but the quality is good. Early sweet corn is in full tassel. The following crops are being harvested: arugula, asparagus, spinach, beets, cilantro, collards, summer dandelion dill, escarole, endive, kale, leeks, lettuce, mint, parsley, radishes, strawberries, Swiss chard, cabbage, radishes, turnips, scallions and summer squash. The following crops are being harvested in high tunnels: arugula, tomatoes, raspberries, summer squash, turnips, carrots, beets, strawberries, broccoli rabe, Kohlrabi, Bok Choy and arugula. The following crops are being planted: arugula, snap beans, lima beans, beets, basil, cilantro, carrots, collards, sweet corn, cucumbers, summer dandelion, eggplant, green onions, kohlrabi, leeks, okra, parsley, peppers, Swiss chard, turnips, tomatoes and soybeans.

**Mercer County, Meredith Melendez**
Continued wet weather has growers concerned about plant disease issues. Planting and field work slowed by the wet weather. Some smaller operations are pushing through and have been hand planting in the rain. Harvesting: greens, basil, chives, herbs, radish, kale, head and leaf lettuce, asparagus, strawberries, salad mix, spinach, turnips.

**Monmouth County, Bill Sciarappa**
Cool, cloudy wet weather has slowed crop growth except leafy greens/cold crops. Weather will heat up in the following week.

**Warren County, Debra Crisman**
Intermittent showers make it difficult to harvest hay or rye straw. Winds following the rain does help in drying off fields to plant. Some wet areas, reports of prevented planting possible. Cool damp weather is delaying growth, bring on the sun and heat!
<table>
<thead>
<tr>
<th>CURRENTLY AVAILABLE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARUGULA</td>
<td>Harvesting good quality in good quantity.</td>
</tr>
<tr>
<td>ASPARAGUS</td>
<td>Harvesting a fair to declining volume of excellent quality product as cooler weather the last month has slowed the harvest.</td>
</tr>
<tr>
<td>BABY SPINACH &amp; ARUGULA</td>
<td>Harvesting very good quality products in fair to good volume.</td>
</tr>
<tr>
<td>BEETS</td>
<td>Harvesting a good volume of very good quality products.</td>
</tr>
<tr>
<td>CILANTRO</td>
<td>Harvesting a good quantity of good quality product.</td>
</tr>
<tr>
<td>COLLARDS</td>
<td>Harvesting a good volume of very good quality products.</td>
</tr>
<tr>
<td>CUCUMBERS</td>
<td>Pickles and cukes starting.</td>
</tr>
<tr>
<td>DANDELIONS</td>
<td>Good quality and quantity of product is available.</td>
</tr>
<tr>
<td>DILL</td>
<td>Harvesting good quality in fair to good volume.</td>
</tr>
<tr>
<td>ESCAROLE &amp; ENDIVE</td>
<td>Harvesting very good quality products in good volume.</td>
</tr>
<tr>
<td>KALE</td>
<td>Good quality product harvesting in good volume.</td>
</tr>
<tr>
<td>LEEKS</td>
<td>A fair volume of good quality over-wintered product is available. Spring planted starting to become available.</td>
</tr>
<tr>
<td>LETTUCE</td>
<td>Harvesting a good to declining volume &amp; excellent quality of all lettuces as volume will start to decrease as temperatures warm.</td>
</tr>
<tr>
<td>MINT</td>
<td>Harvesting very good quality in good volume.</td>
</tr>
<tr>
<td>PARSLEY</td>
<td>Harvesting very good quality curly and plain product in good volume.</td>
</tr>
<tr>
<td>RADISHES</td>
<td>Harvesting very good quality product in good volume.</td>
</tr>
<tr>
<td>SPINACH</td>
<td>Harvesting a good volume of good quality product.</td>
</tr>
<tr>
<td>SQUASH</td>
<td>Harvesting very good quality field grown zucchini in light to increasing volume with yellow squash starting.</td>
</tr>
<tr>
<td>STRAWBERRIES</td>
<td>Harvesting a fair to declining volume of good quality berries as cooler weather the last month has drawn out the season. Mainly a direct marketed crop &amp; not much wholesale volume available. The bulk of the crop has already been harvested in the south, with northern farms picking for several more weeks. Rain on ripe fruit lessens shelf life.</td>
</tr>
<tr>
<td>SWISS CHARD</td>
<td>Harvesting very good quality products in good volume.</td>
</tr>
<tr>
<td>Produce</td>
<td>Forecast</td>
</tr>
<tr>
<td>---------</td>
<td>----------</td>
</tr>
<tr>
<td><strong>Basil</strong></td>
<td>Likes warmer weather. Should be ready late week or next week.</td>
</tr>
<tr>
<td><strong>Blueberries</strong></td>
<td>Minor quantities of early varieties like Weymouth starting this weekend or early next week. The much more widely planted Duke variety will start 3-4 days later with volume available a week later.</td>
</tr>
<tr>
<td><strong>Cabbage</strong></td>
<td>Should begin harvesting in a couple of weeks.</td>
</tr>
<tr>
<td><strong>Peaches</strong></td>
<td>Winter was warmer than usual so the season will be about a week earlier than normal, starting in early July w/ early PF &amp; Sentry varieties, w/ volume and freestone varieties starting a week later. White peaches start a week after that w/ volume late July.</td>
</tr>
<tr>
<td><strong>Sweet Corn &amp; Tomatoes</strong></td>
<td>An early start to the season should provide for more volume than usual by the July 4th holiday.</td>
</tr>
<tr>
<td><strong>Turnip</strong></td>
<td>Should begin harvesting next week.</td>
</tr>
</tbody>
</table>