June Recap
Northeast DEWS Discussion

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June Temperatures

Average Temperature Departure (F)
June 1-26, 2018

From 4°F below normal to more than 4°F above normal
June Precipitation

From less than 50% of normal to more than 200% of normal
Pennsylvania Tornadoes

An EF-2 tornado touched down in Franklin Township, PA on June 13 (above).

Damage and six injuries were reported from the other EF-2 tornado in Wilkes-Barre Township, PA the same day (above).

Images from NWS Binghamton
Abnormally dry conditions impacted 31% of the Northeast by the end of June.

New Hampshire was the only abnormally dry state in the Northeast at the beginning of the month.
Total Precipitation (inches)
June 20-26, 2018
Map of 7-day average streamflow compared to historical streamflow for the day of the year

Map of 28-day average streamflow compared to historical streamflow for the day of the year
Climate Response Network

Wednesday, June 27, 2018

Explanation - Percentile classes (symbol color based on most recent measurement)

<table>
<thead>
<tr>
<th>Low</th>
<th>&lt;10</th>
<th>10-24</th>
<th>25-75</th>
<th>76-90</th>
<th>&gt;90</th>
<th>High</th>
<th>Not Ranked</th>
</tr>
</thead>
<tbody>
<tr>
<td>Much Below Normal</td>
<td>Below Normal</td>
<td>Normal</td>
<td>Above Normal</td>
<td>Much Above Normal</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- □ Real Time
- □ Continuous
- △ Periodic Measurements
1-month EDDI categories for June 22, 2018

Drought categories

<table>
<thead>
<tr>
<th>ED4</th>
<th>ED3</th>
<th>ED2</th>
<th>ED1</th>
<th>ED0</th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
<td>98%</td>
<td>95%</td>
<td>90%</td>
<td>80%</td>
</tr>
</tbody>
</table>

Wetness categories

<table>
<thead>
<tr>
<th>EW0</th>
<th>EW1</th>
<th>EW2</th>
<th>EW3</th>
<th>EW4</th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
<td>80%</td>
<td>70%</td>
<td>30%</td>
<td>0%</td>
</tr>
</tbody>
</table>

(EDDI-percentile category breaks: 100% = driest; 0% = wettest)

Generated by NOAA/ESRL/Physical Sciences Division
7-DAY QPF: June 28 – July 5
Temperature Outlooks

July 3 – July 7
Increased chances of above-average temperatures for the entire region (left).

July–September:
Increased chances of above-normal temperatures for the Northeast, particularly for New England (right).
Precipitation Outlooks

July 3 – July 7:
Increased chance of above-normal precipitation for much of the Northeast (left).

July:
Increased chance of below-normal precipitation for New England and eastern NY, equal chances elsewhere (right).
Impacts

- Water ban in Northampton, MA
- 75 Public Water Supplier’s in MA on some watering restriction
- Public urged to conserve water in NH
- CoCoRaHS drought reports:
  - MA: brown patches on lawns
  - CT: grass looks stressed, flowers wilting, grasses turning brown, ground is hard
  - VT: hay fields are brownish
  - ME: fields turning brown, growth has slowed
  - NY: grass turning brown, gardens need watering, some farms are irrigating crops; Cayuga Cnty is dry; Cortland/Tompkins Cnty starting to get dry, need rain for hay regrowth; Oneida Cnty corn curling, dry soil; Yates Cnty corn curling
  - NH: grass drying
Questions?
Type into Q&A Box or Click “Raise Hand” to become a panelist & unmute yourself

Other Impacts not reflected here?
Please email us! NRCC@CORNELL.EDU
Contact Information

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- 607-255-1751

Upcoming Webinar

- Tuesday, July 31 at 9:30 am
- Thursday August 30 at 9:30 am

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