August Recap
Northeast DEWS Discussion

By: Jessica Spaccio, Climatologist
Of the Northeast Regional Climate Center
August Temperatures

From near normal to over 4°F above normal.
August Precipitation

From less than 50% of normal to over 200% of normal.
Flooding in the Northeast

Estimated rainfall during three days of heavy precipitation.

Flooded streets near Darby, PA.
At the beginning of August, 18% of the region was abnormally dry and 9% was experiencing moderate drought.

By the end of the month, 13% was abnormally dry and 7% was in moderate drought.
Standardized Precipitation Index (SPI)
USGA Latest Groundwater
EDDI Evaporative Demand Drought Index

1-month EDDI categories for August 24, 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>
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</tbody>
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Wetness categories

<table>
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<tr>
<th>EW0</th>
<th>EW1</th>
<th>EW2</th>
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<th>EW4</th>
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(EDDI-percentile category breaks: 100% = driest; 0% = wettest)

Generated by NOAA/ESRL/Physical Sciences Division
7-Day QPF: August 30-September 6
Temperature Outlooks

September 2 – September 6
Increased chances of above-average temperatures for the entire region (left).

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

September 2 – September 6
Increased chances of above-normal precipitation for much of the Northeast (left).

September: Increased chances of above-normal precipitation in the Mid-Atlantic, with equal chances elsewhere (right).
**Impacts**

- **Aug 6, Niagara County, New York.** Some crops in Niagara County never came up, and second plantings were not very successful either.

- **Aug 6, Milford, New York.** A Conserve Water Order took effect on Aug. 5 in Milford, where water tables were extremely low, due to poor rainfall, according to the mayor. Water production had fallen from 80,000 gallons per minute to about 800 gallons per minute.

- **Aug 7, Maine.** Dry conditions were affecting wells in Maine, as groundwater levels continued their slow decline over the summer.

- **Aug 9, Northeast Massachusetts.** Water restrictions took effect in West Newbury as water tank levels were dropping, due to extreme use and drought, according to a new release from the town. Neighboring communities of Salisbury, Merrimac and Rowley also enacted limits on water use this summer.
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

- Thursday, September 27 at 9:30 am
  - Marine Fisheries Service
- Tuesday, October 30 at 9:30 am

www.nrcc.cornell.edu