

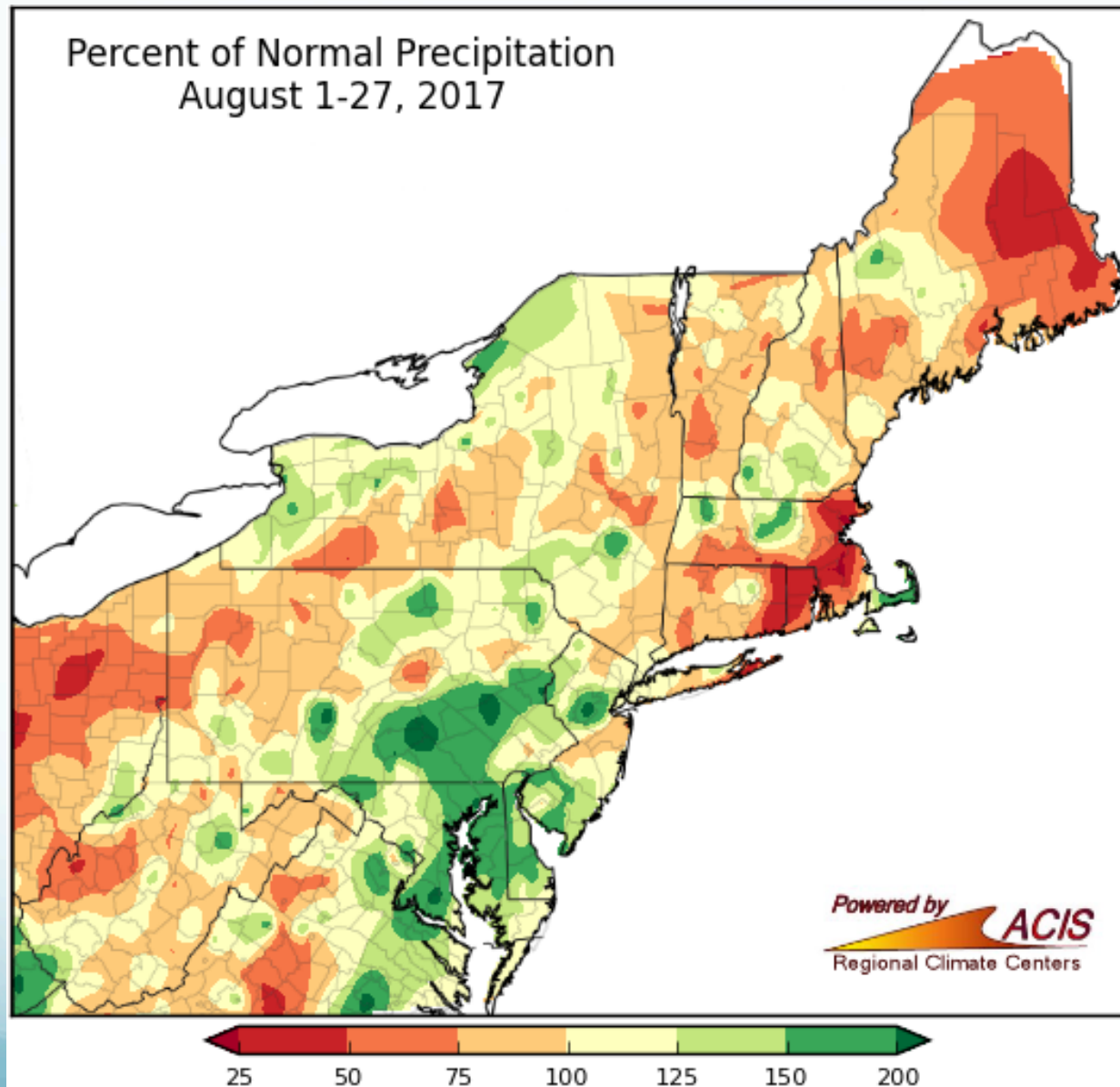
August Conditions

By: Samantha Borisoff, Climatologist



Northeast Regional Climate Center

August Precipitation



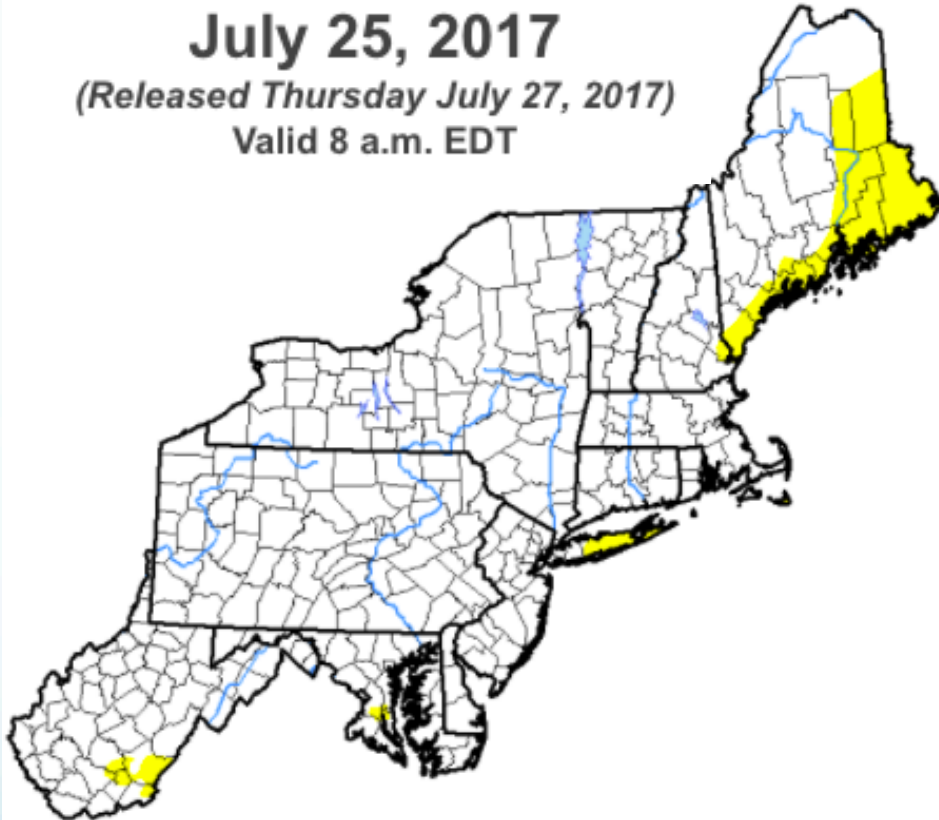
From 25% of normal to more than 200% of normal

Drought Monitor

July 25, 2017

(Released Thursday July 27, 2017)

Valid 8 a.m. EDT

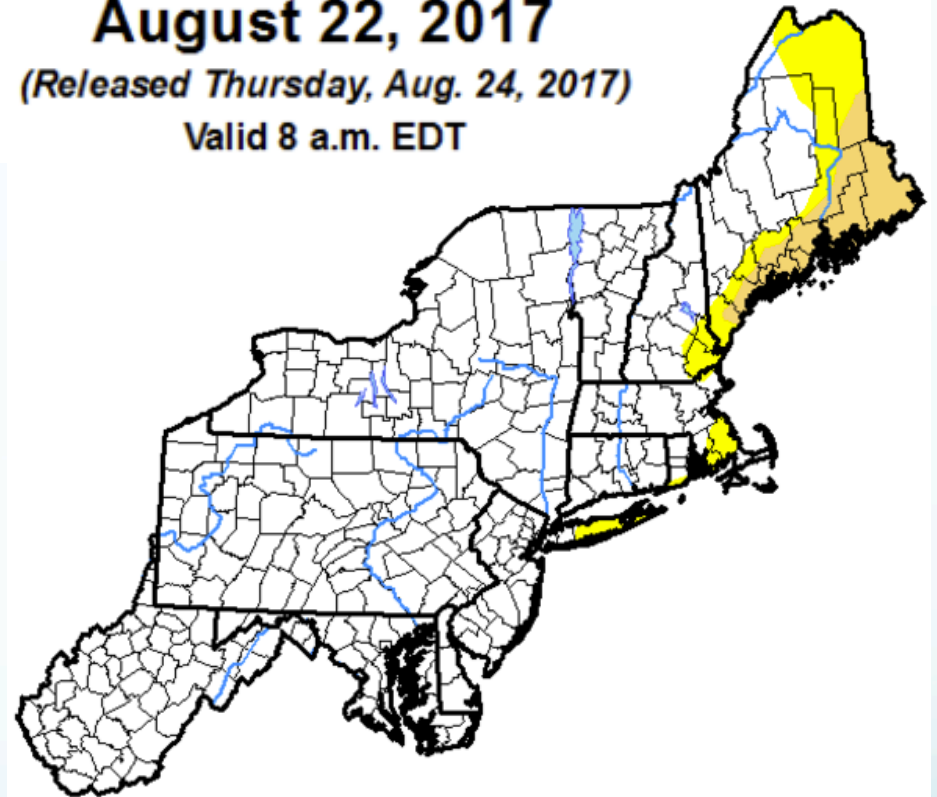


7% of the Northeast
was abnormally dry

August 22, 2017




(Released Thursday, Aug. 24, 2017)

Valid 8 a.m. EDT

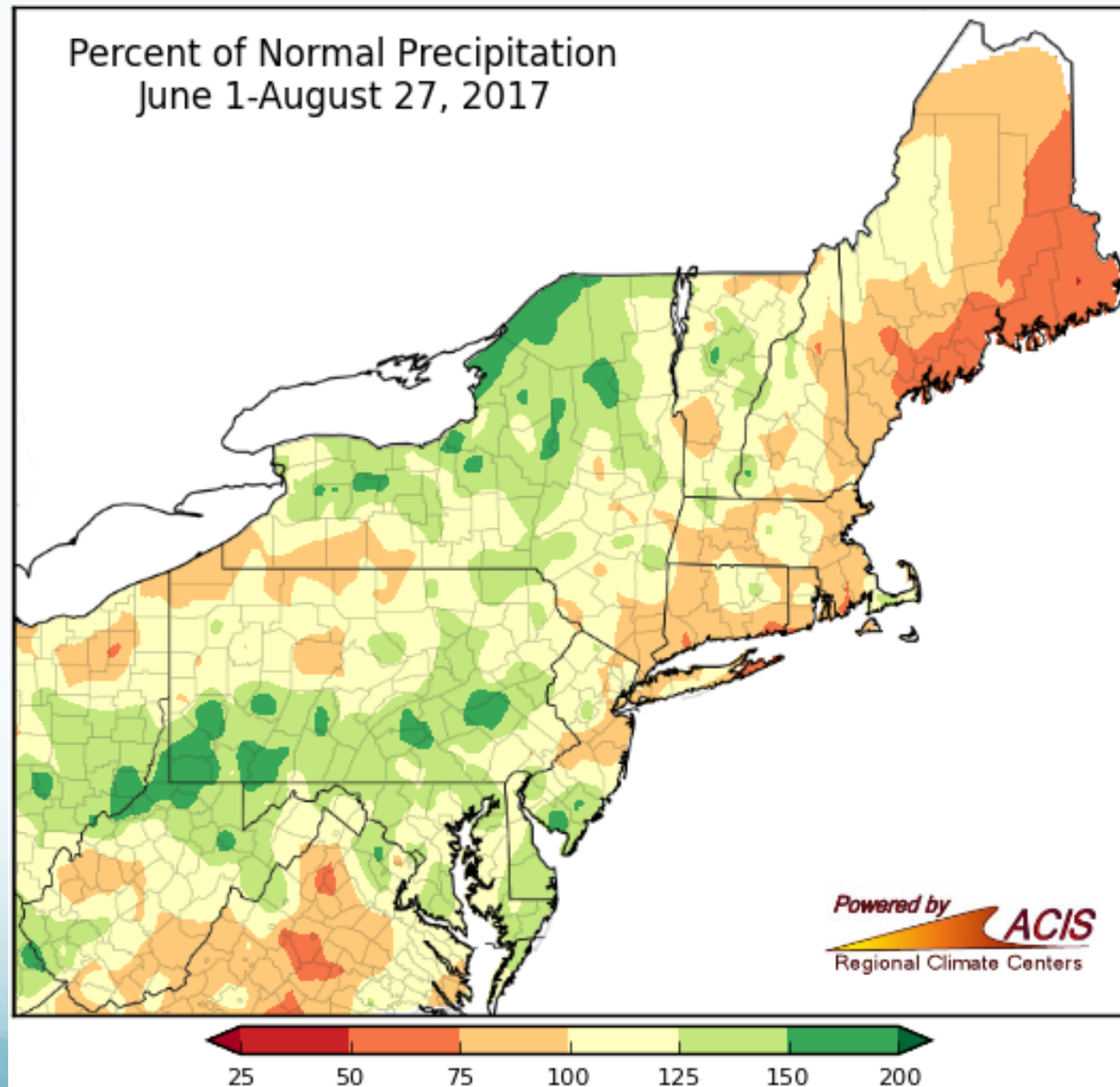


6% abnormally dry
5% in moderate drought

Intensity:

-  D0 Abnormally Dry
-  D1 Moderate Drought
-  D2 Severe Drought

Summer Precipitation



From 50% of normal to 200% of normal

Summer Precipitation

Time Series Summary for Binghamton Area, NY (ThreadEx) - Jun through Aug

Click column heading to sort ascending, click again to sort descending.

Rank	Year	Number of Days Precipitation >= 0.01	Missing Count
1	2017	47	3
2	1972	46	0
3	2009	44	0
-	2006	44	0
5	1989	43	0

Greatest number of days with measurable rain for summer

Time Series Summary for Williamsport Area, PA (ThreadEx) - Jun through Aug

Click column heading to sort ascending, click again to sort descending.

Rank	Year	Number of Days Precipitation >= 2.00	Missing Count
1	2017	3	4
2	2006	2	0
-	1983	2	0
-	1972	2	0
-	1961	2	0

Greatest number of days with 2" or more rain for summer

Site	June 1-Aug 22, 2017 Precip (in.)	June 1-Aug 22, 2017 Normal Precip (in.)	Difference (in.)	Percent Normal	Jan-June Normal Precip (in.)
Allentown, PA	21.85	12.95	8.90	169%	21.13

Six months of rain in three months

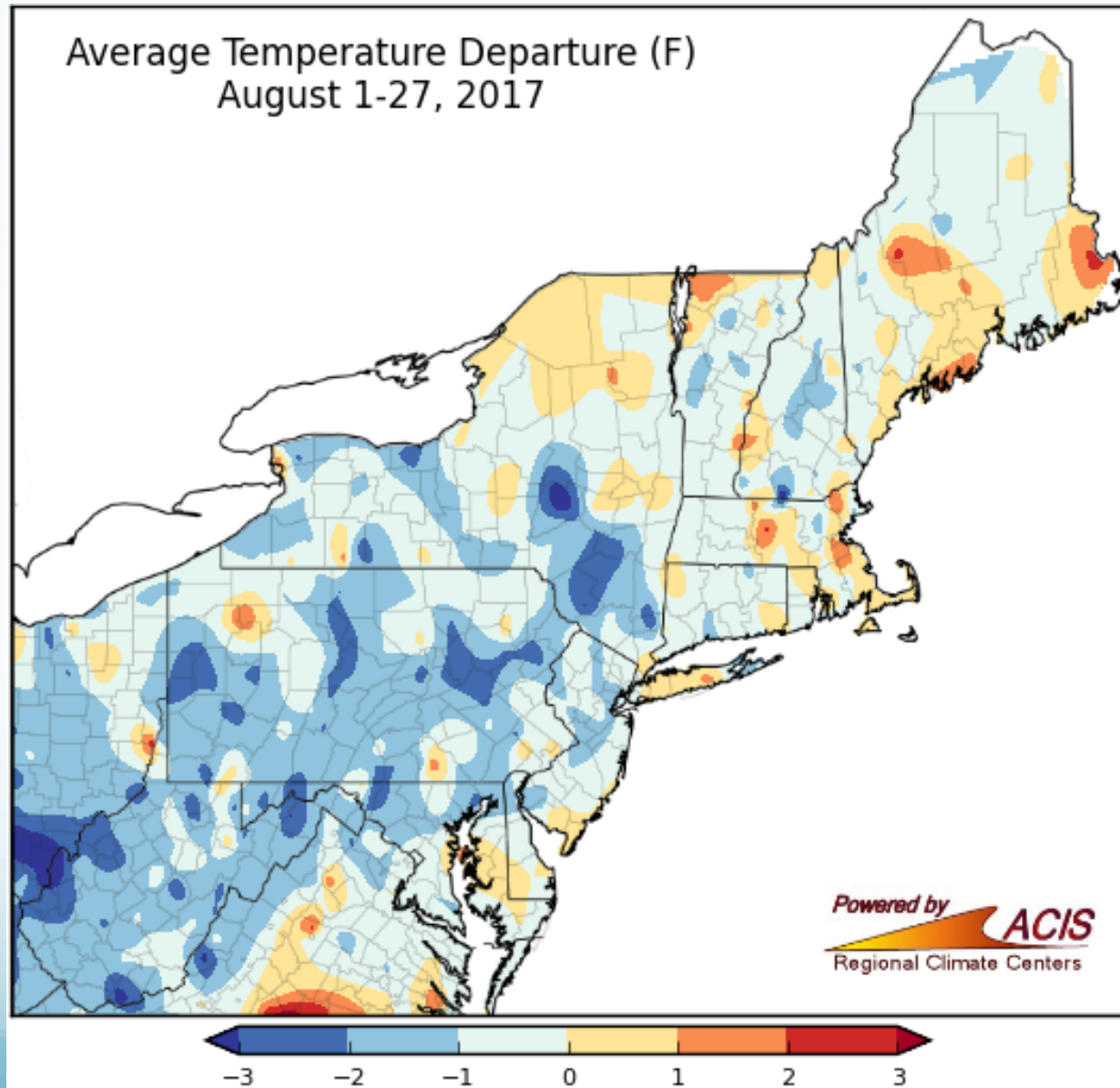
5th all-time wettest day on record

Maximum 1-Day Total Precipitation for Middletown-Harrisburg Area, PA (ThreadEx)

Click column heading to sort ascending, click again to sort descending.

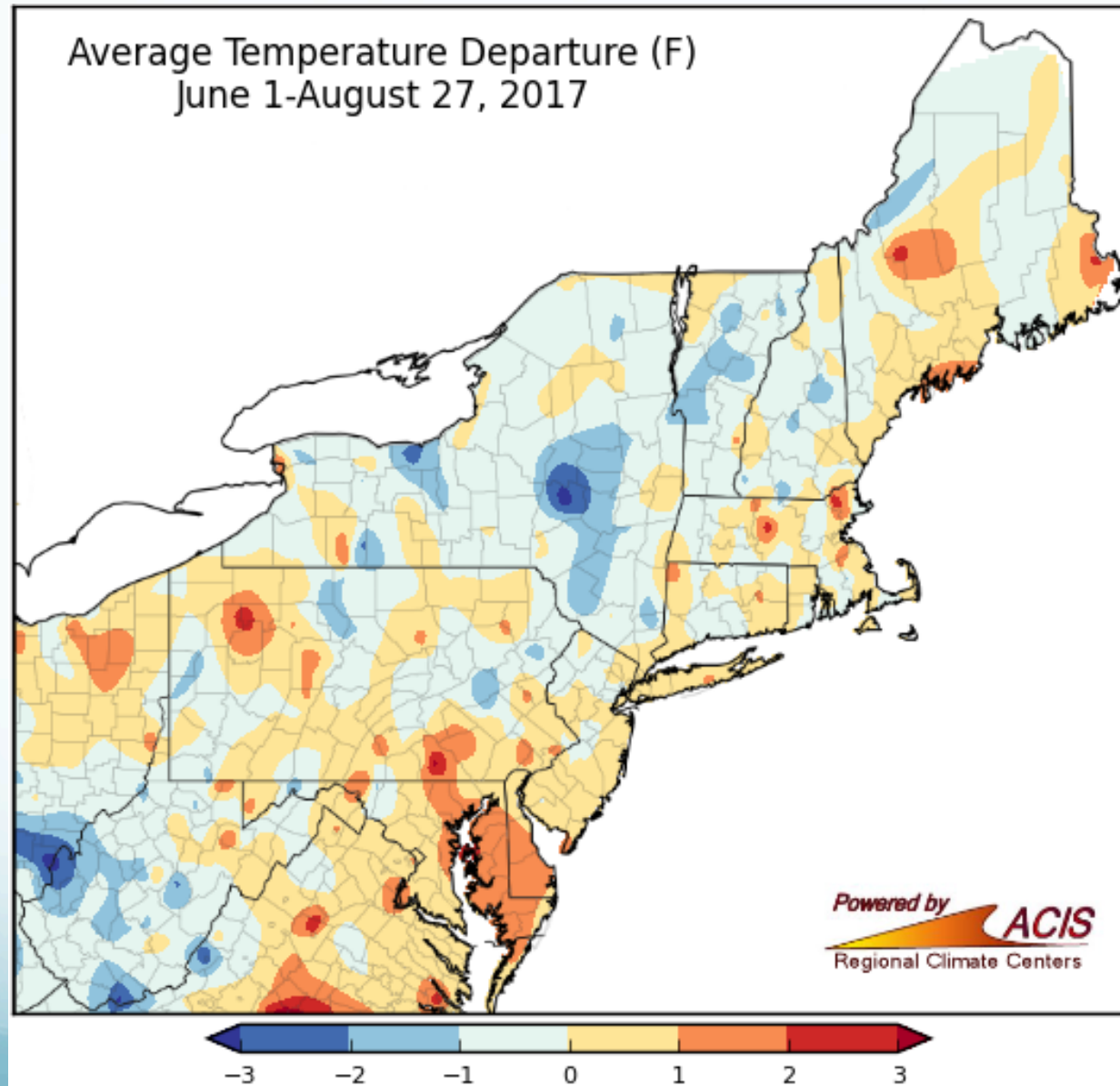
Rank	Value	Ending Date
1	9.13	1972-06-22
2	7.71	2011-09-07
3	5.81	1972-06-21
4	5.72	2013-10-11
5	4.71	2017-07-23

August Temperatures



From 3°F below normal to 2°F above normal

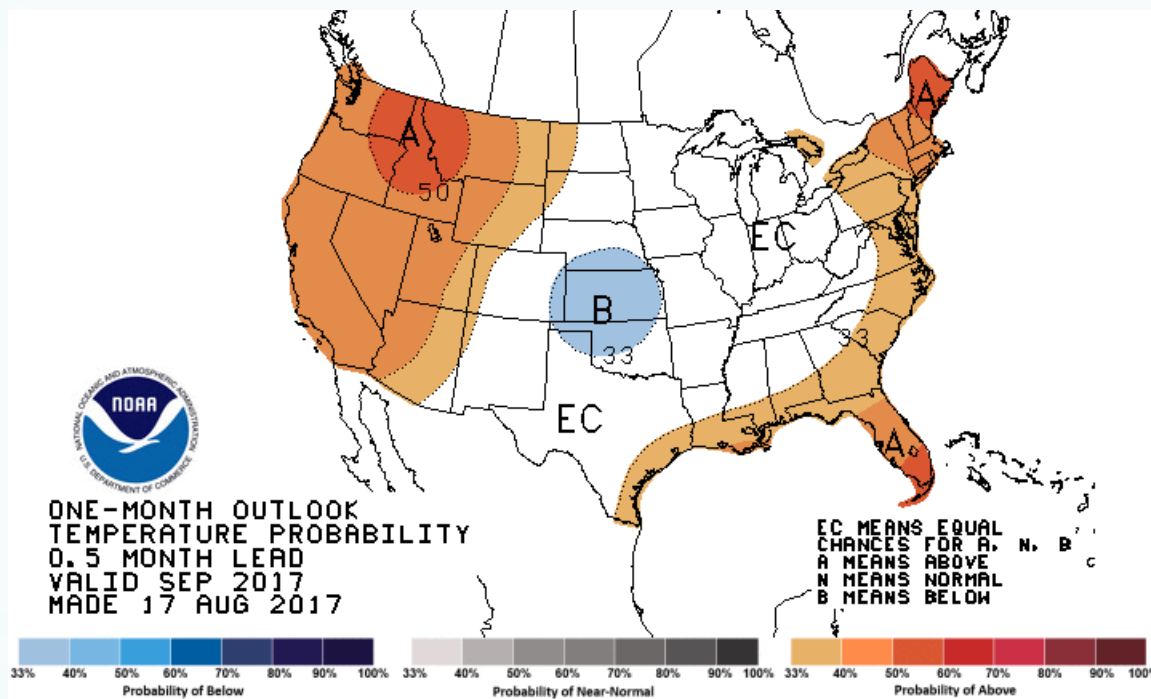
Summer Temperatures



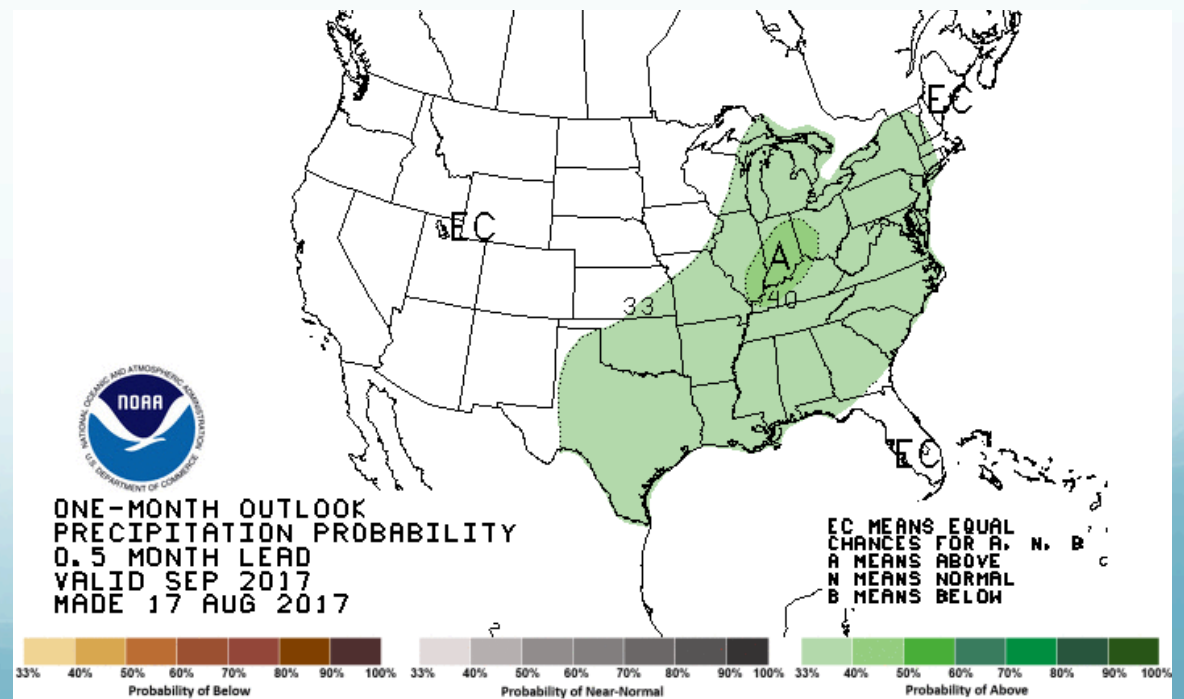
From 3°F below normal to 2°F above normal

September Outlooks

Increased chance of above-normal temperatures (left)



Equal chances of below-, near-, or above-normal precipitation (right)



Contact Information

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- 607-255-1751

Upcoming Webinars

- Thursday, September 28 at 9:30 am
 - Weather impacts on agriculture & USDA Northeast Climate Hub projects
- Thursday, October 31 at 9:30 am
 - TBD
- Thursday, November 30 at 9:30 am
 - TBD

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