

March Review

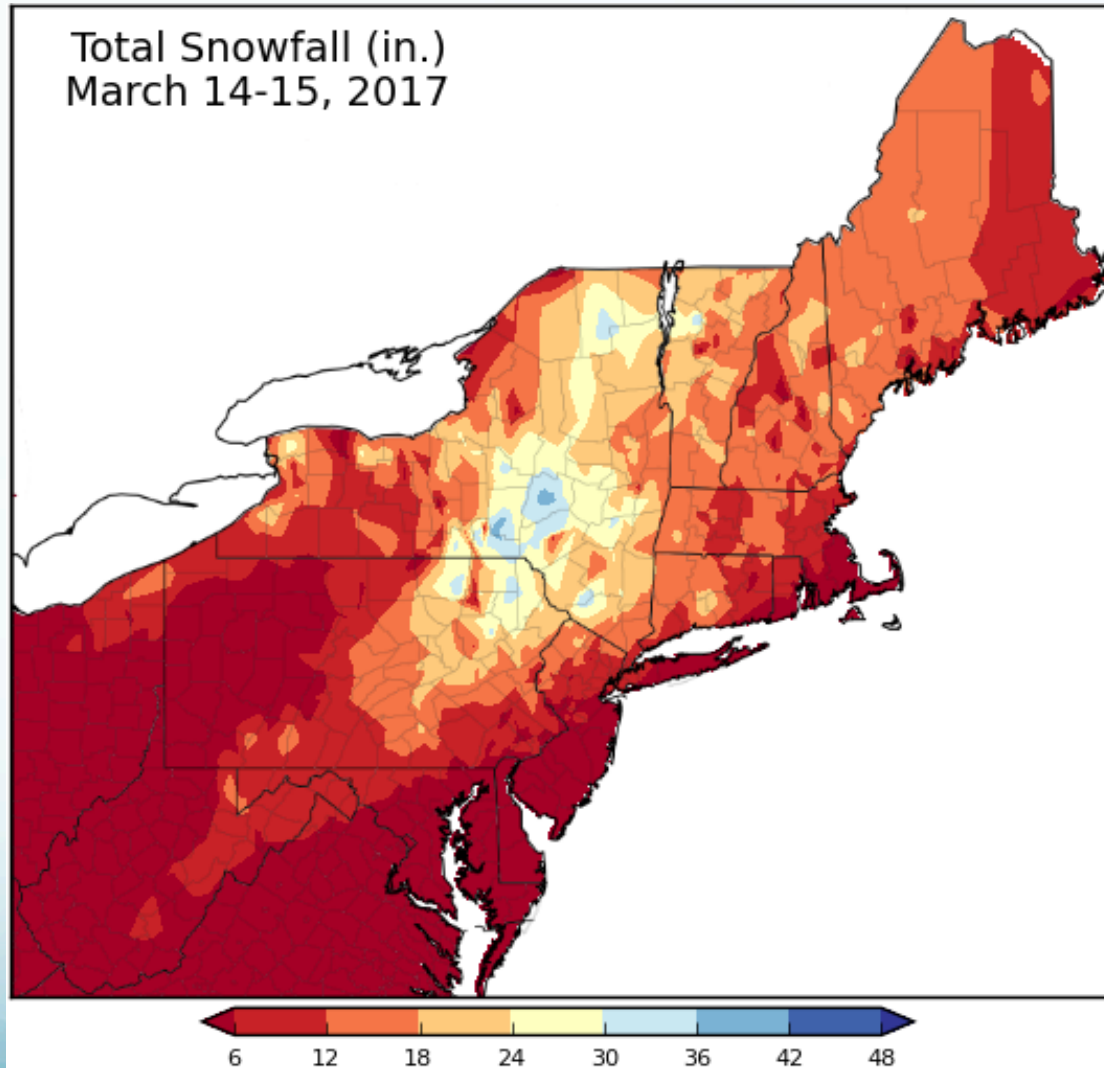
By: Samantha Borisoff, Climatologist



Northeast Regional Climate Center

March 14-15 Nor'easter

Total Snowfall (in.)
March 14-15, 2017

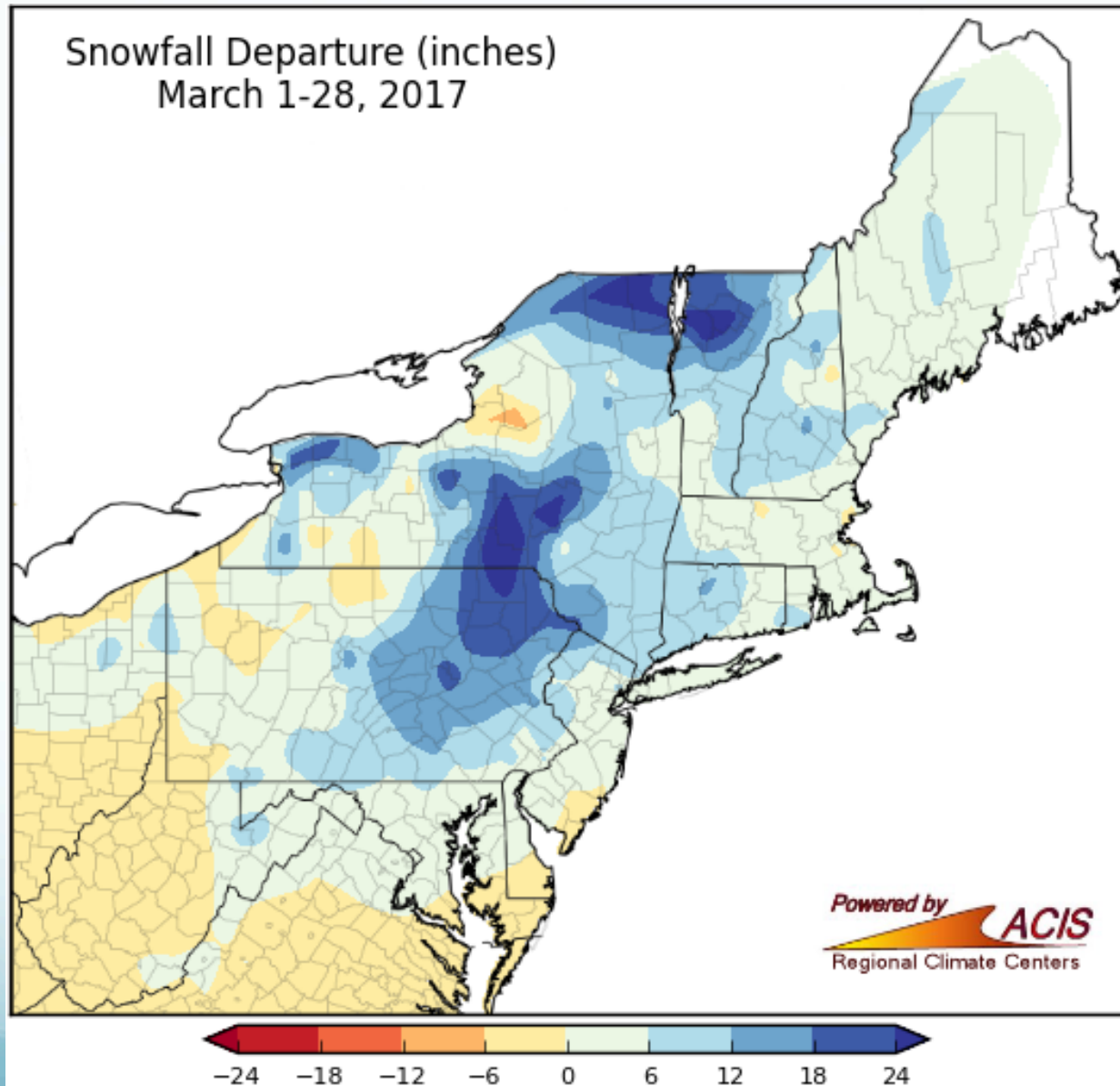


Records:

- Binghamton, NY
 - All-time 24-hr snowfall
 - Snowiest season (Oct-May)
 - Last year was least snowy season
- Scranton, PA
 - Snowiest day
- Hartford, CT & Williamsport, PA
 - Snowiest March day
- Atlantic City, NJ
 - Wettest March day

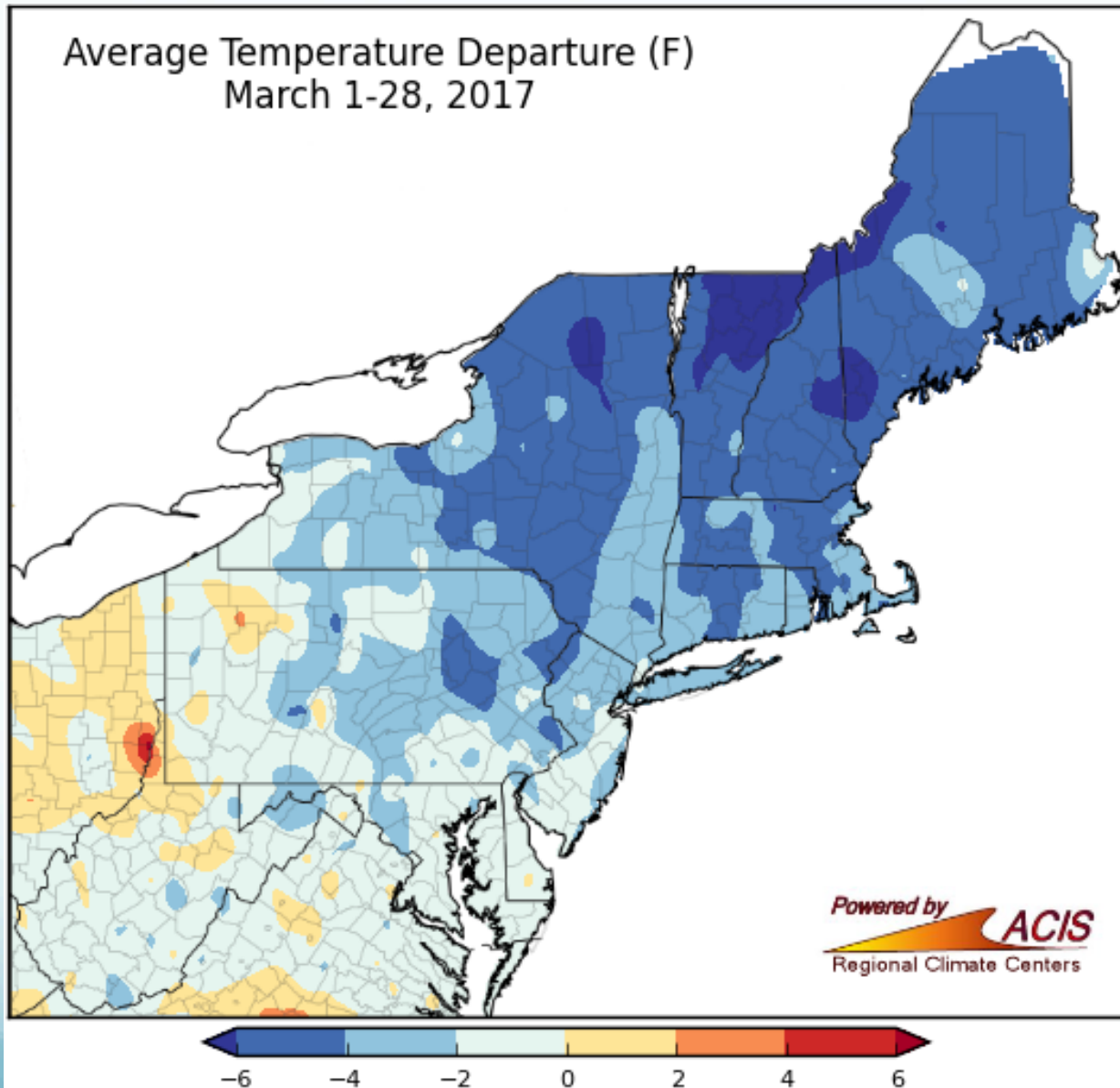
Hardest hit areas saw 2 to 4 feet!

March Snowfall



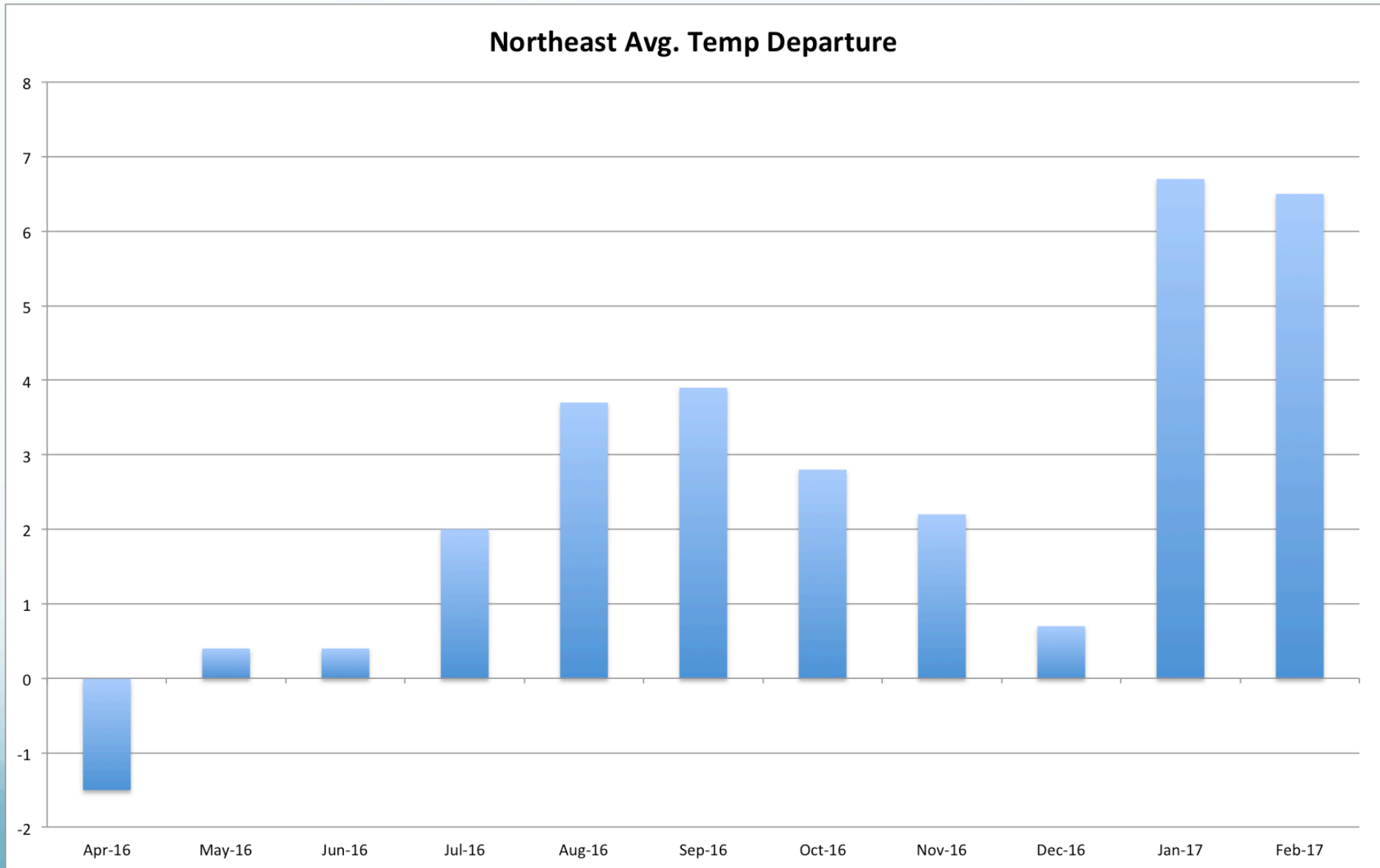
From 6" below normal to more than 24" above normal

March Temperatures



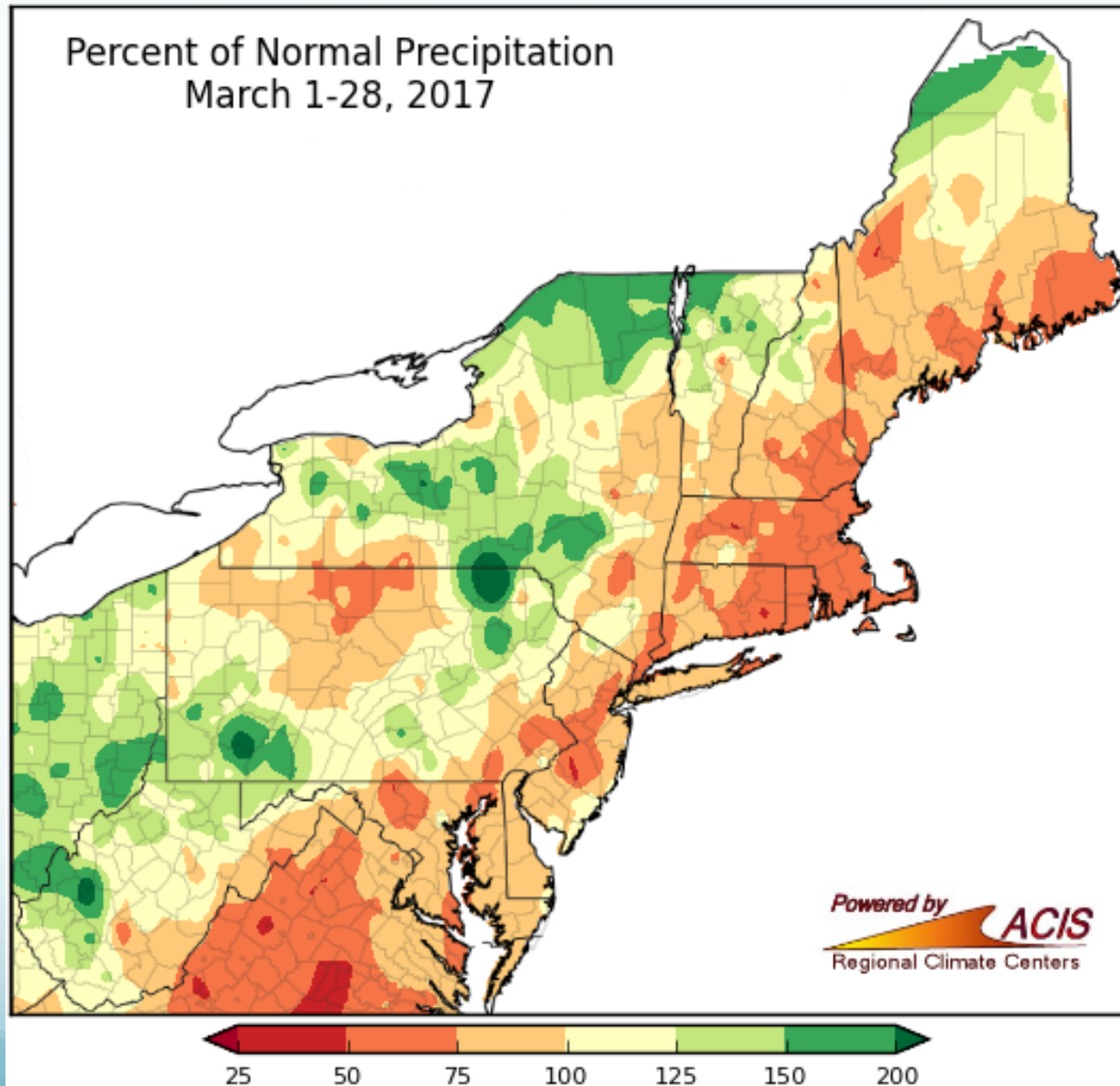
From more than 6°F below normal to 2°F above normal

March Temperatures



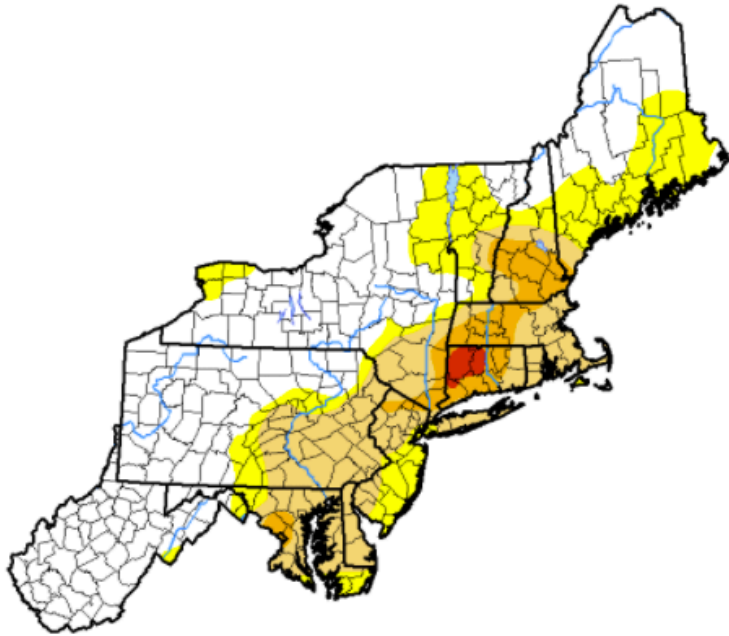
First month since April 2016 that the Northeast is colder than normal?

March Precipitation

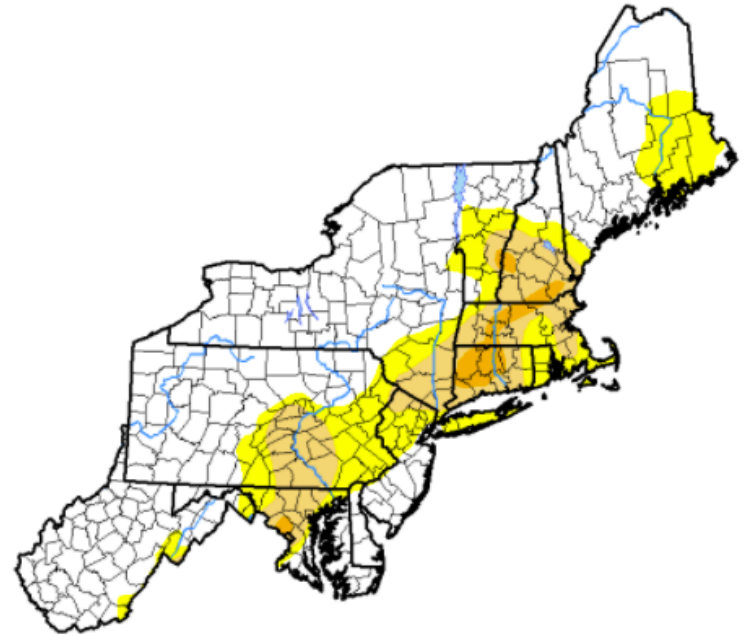


From 50% of normal to more than 200% of normal

Drought Monitor



February 28, 2017



March 28, 2017

Statistics Comparison

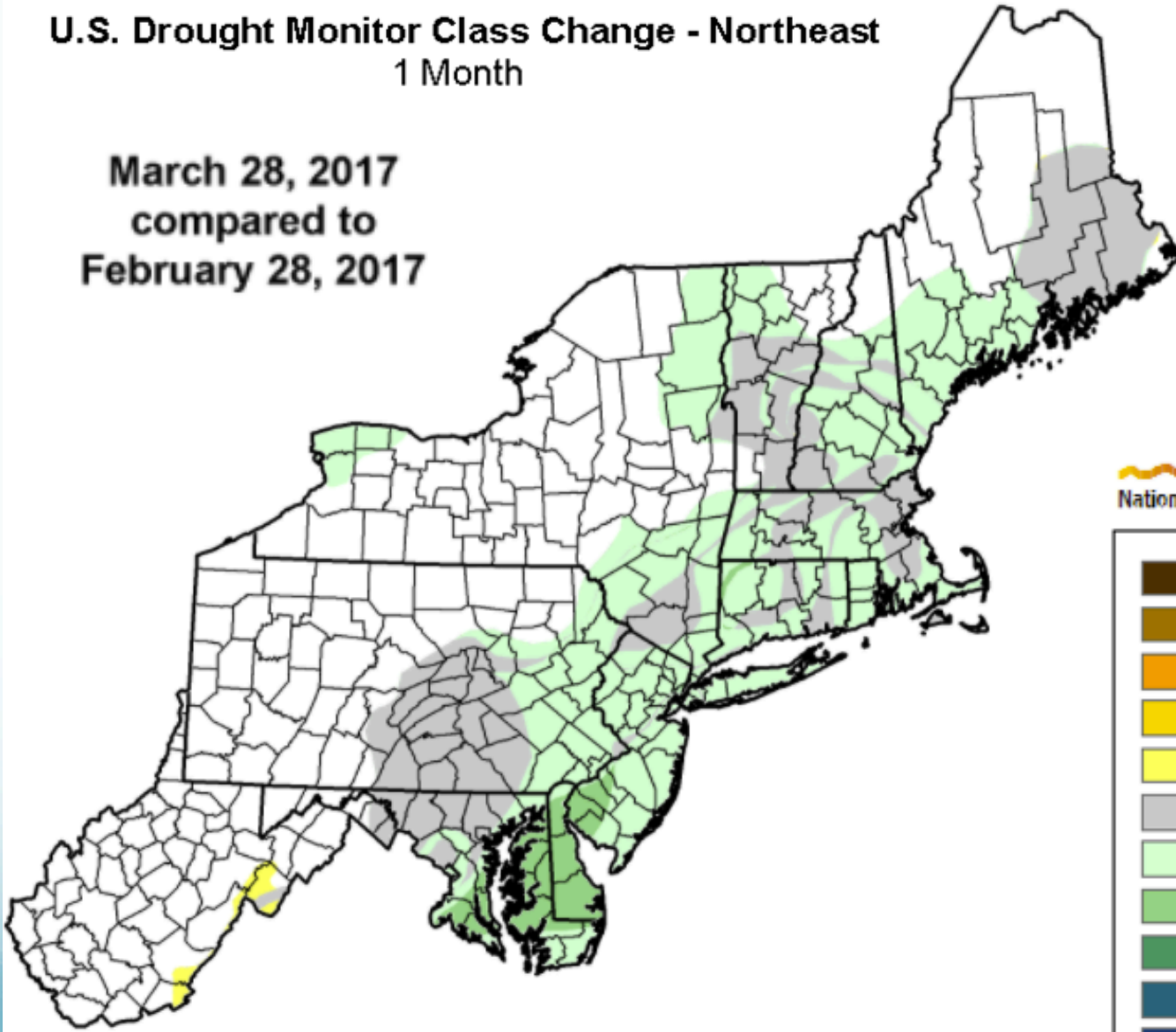
Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2017-02-28	53.17	46.83	27.08	6.96	0.70	0.00
2017-03-28	66.95	33.05	14.76	2.29	0.00	0.00

Free of extreme drought for the first time since August 2016

Drought Monitor

U.S. Drought Monitor Class Change - Northeast 1 Month

March 28, 2017
compared to
February 28, 2017



	5 Class Degradation
	4 Class Degradation
	3 Class Degradation
	2 Class Degradation
	1 Class Degradation
	No Change
	1 Class Improvement
	2 Class Improvement
	3 Class Improvement
	4 Class Improvement
	5 Class Improvement

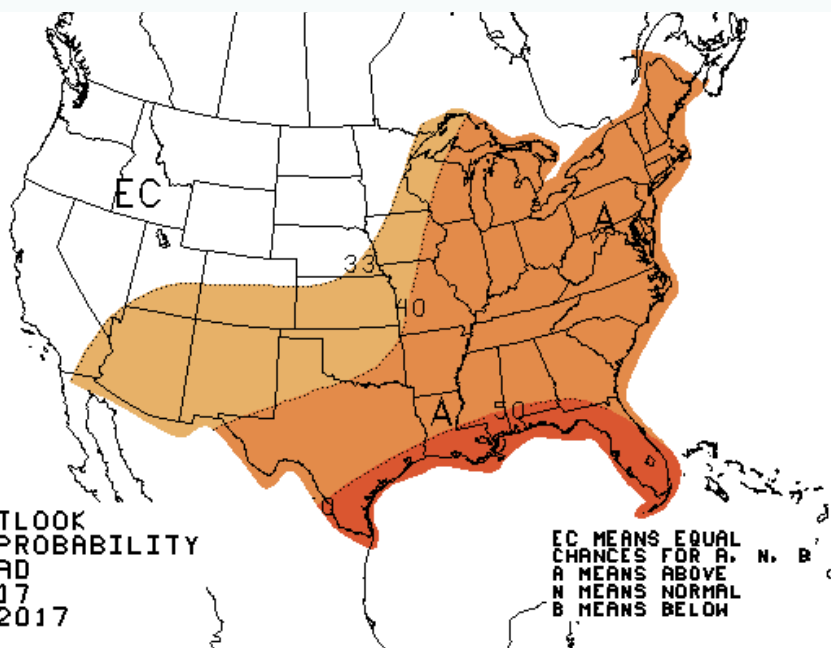
Drought conditions linger, but improving

April Outlooks

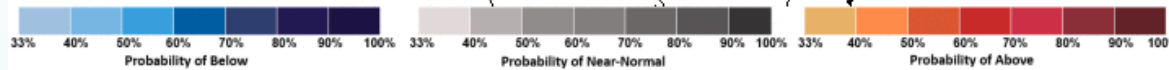
Increased chance of above-normal temperatures (left)



ONE-MONTH OUTLOOK
TEMPERATURE PROBABILITY
0.5 MONTH LEAD
VALID APR 2017
MADE 16 MAR 2017



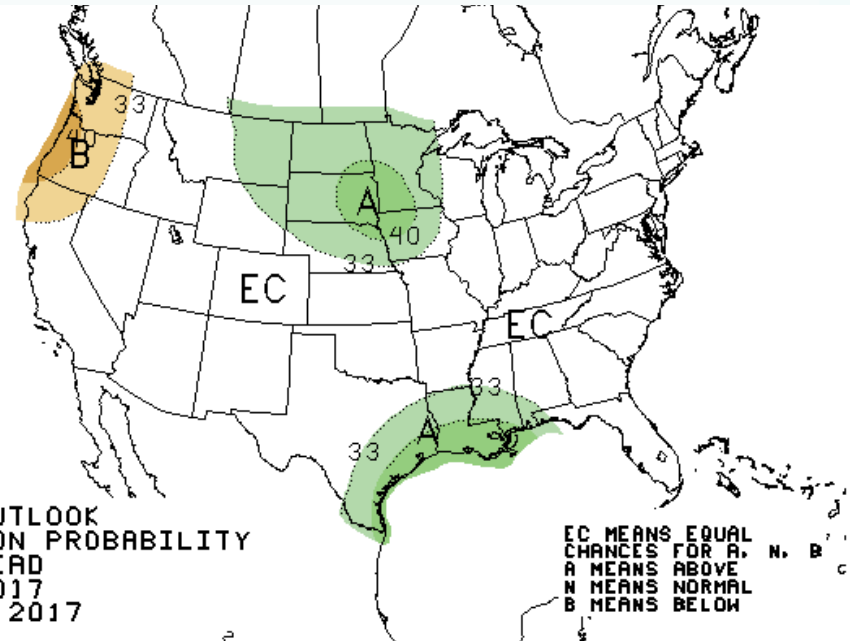
EC MEANS EQUAL
CHANCES FOR A, N, B
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW



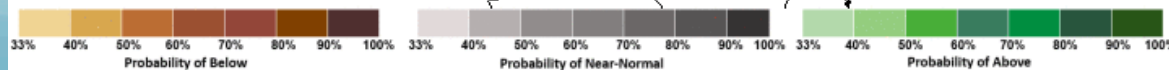
Equal chances of below-, near-, or above-normal precipitation (right)



ONE-MONTH OUTLOOK
PRECIPITATION PROBABILITY
0.5 MONTH LEAD
VALID APR 2017
MADE 16 MAR 2017



EC MEANS EQUAL
CHANCES FOR A, N, B
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW



Contact Information

- sgh58@cornell.edu or nrcc@cornell.edu
- 607-255-1751

Upcoming Webinars

- Thursday, April 27 at 9:30 am
 - National Climate Assessment
- Thursday, May 25 at 9:30 am
 - Heat and Health
- Thursday, June 29 at 9:30 am
 - TBD

www.nrcc.cornell.edu