November Overview & Northeast DEWS Discussion

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Northeast Regional Climate Center

November Temperatures

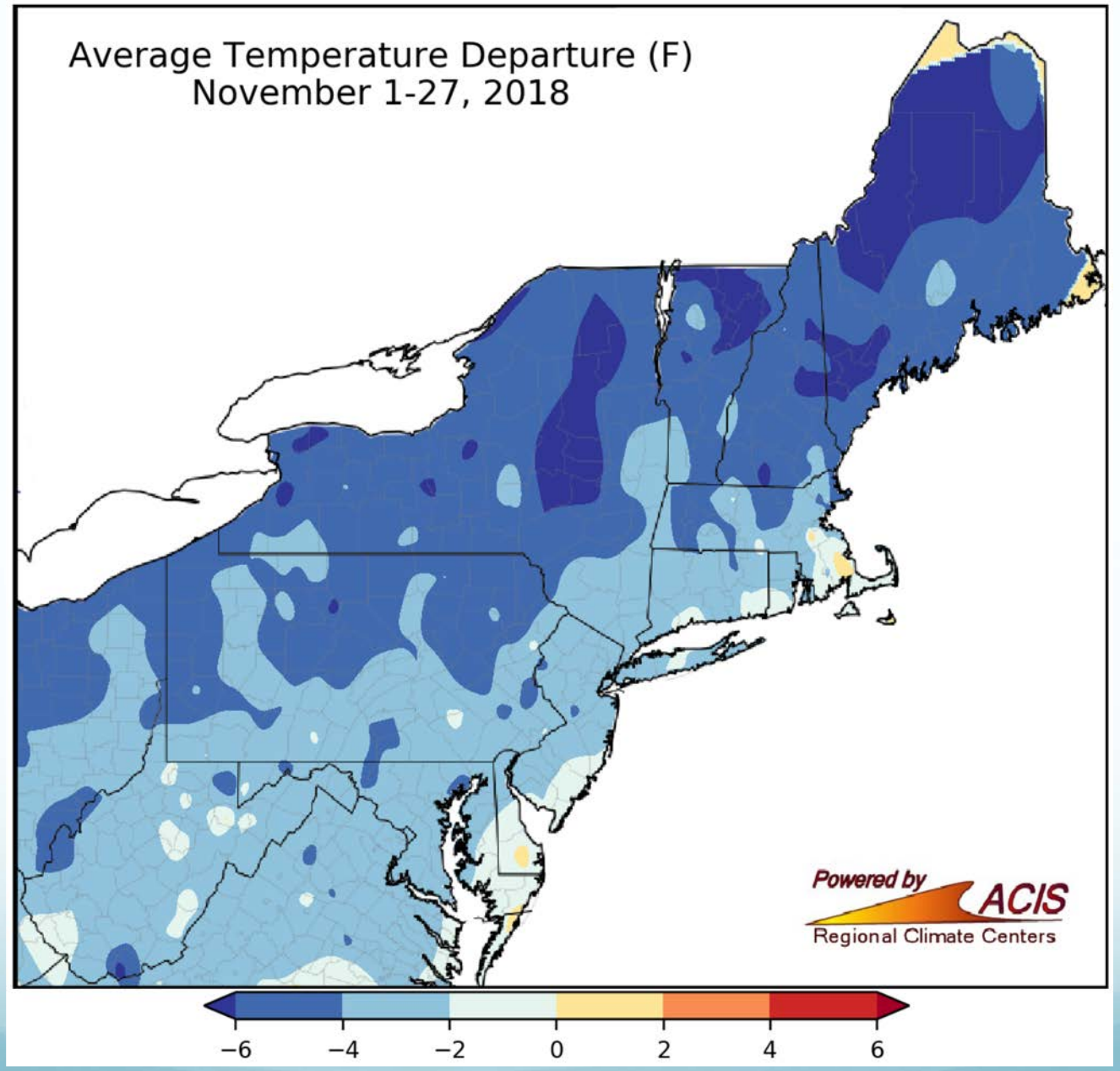
November Minimum Temperature Records (°F)			
Station	**Date**	**New**	**Previous**
Syracuse, NY	23	-1	4 on 11/27/1938
Binghamton, NY	23	0	3 on 11/22/2018*
Scranton, PA	23	5	6 on 11/26/1938
Bridgeport, CT	23	13	16 on 11/22/2018*
Kennedy Airport, NY	23	15	18 on 11/22/2018
LaGuardia Airport, NY	23	17	17 on 11/29/1955
			* tied previous years

Coldest November temperatures on record

Coldest November max temperatures on record

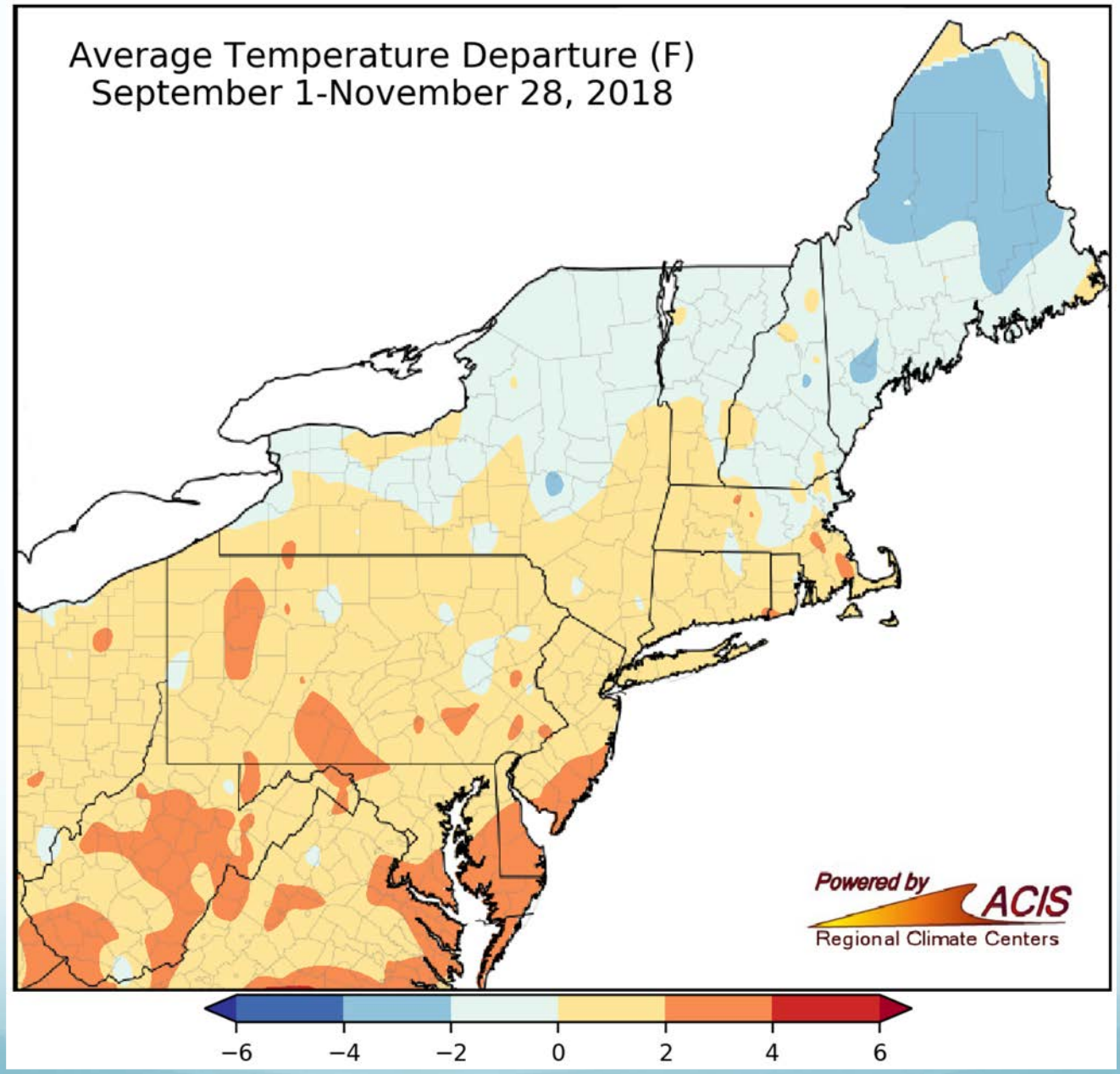
November Low Maximum Temperature Records (°F)			
Station	**Date**	**New**	**Previous**
Burlington, VT	22	14	14 on 11/25/1938
Binghamton, NY	22	15	15 on 11/30/1976
Worcester, MA	22	16	20 on 11/30/1958
Syracuse, NY	22	16	17 on 11/28/1904
Hartford, CT	22	21	23 on 11/30/1958
Islip, NY	22	29	29 on 11/23/1989

November Temperatures



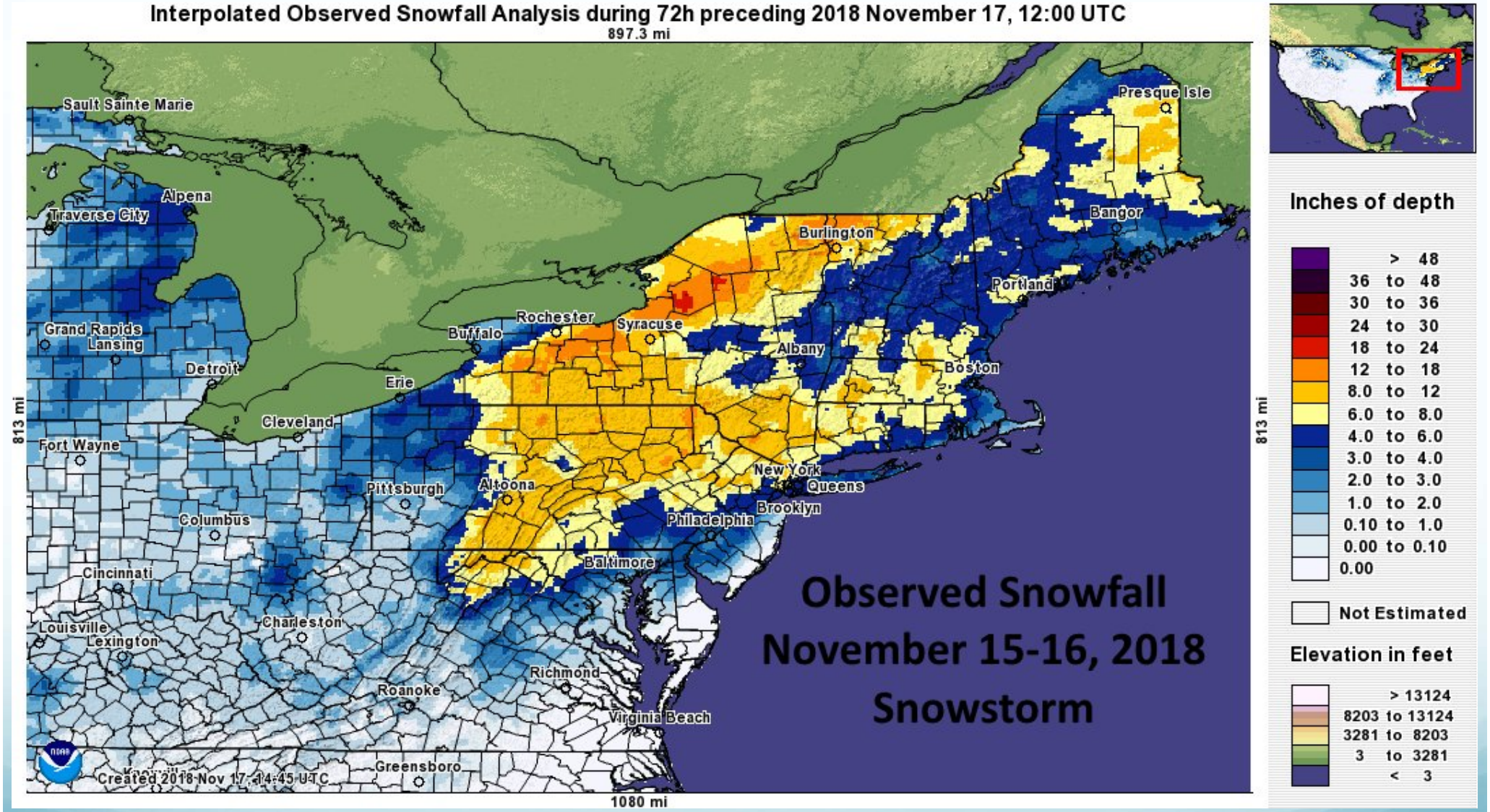
From more than 6°F below normal to near normal

Fall Temperatures



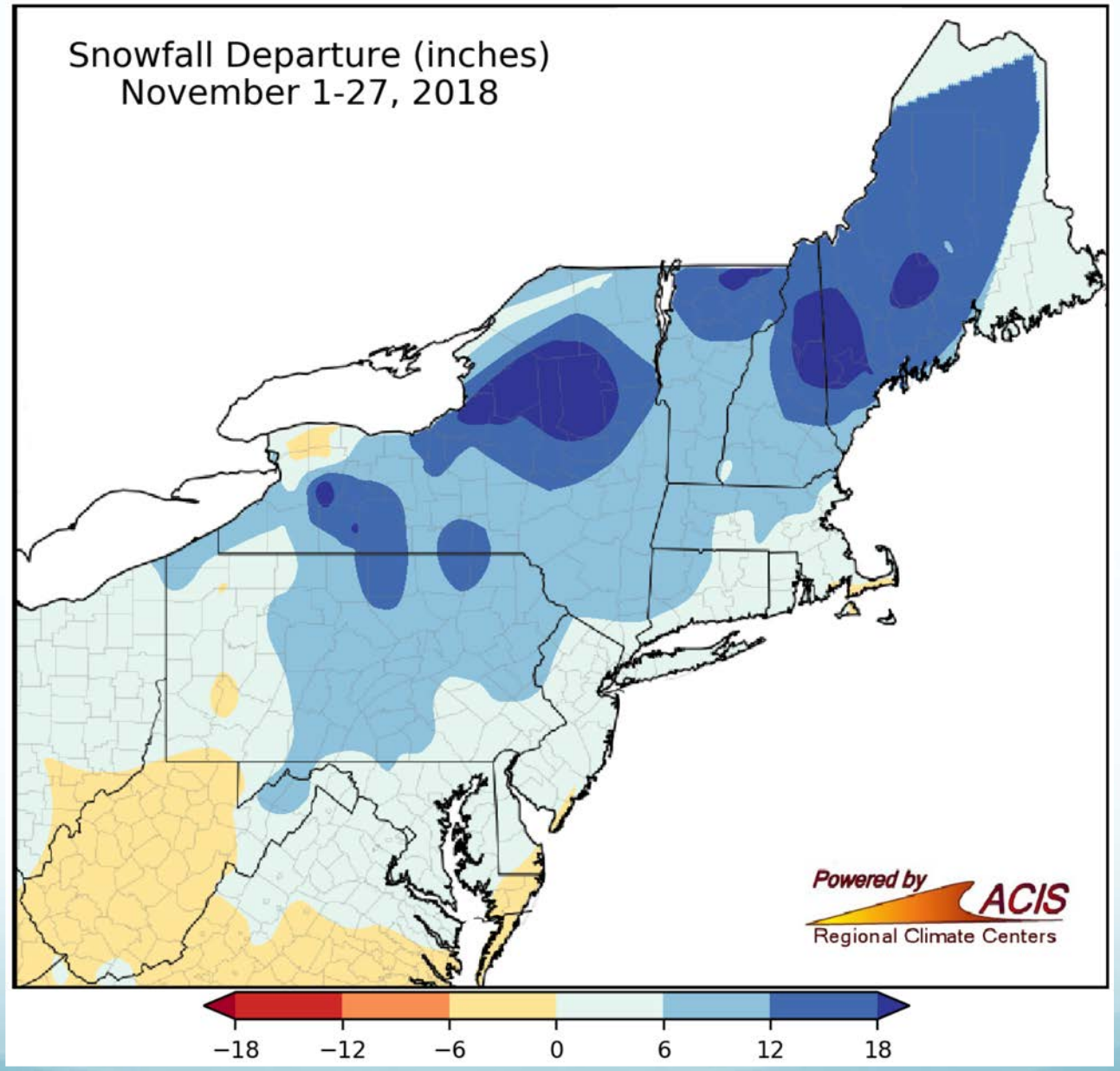
From 4°F below normal to 4°F above normal

Nov. 15-16 Snowstorm



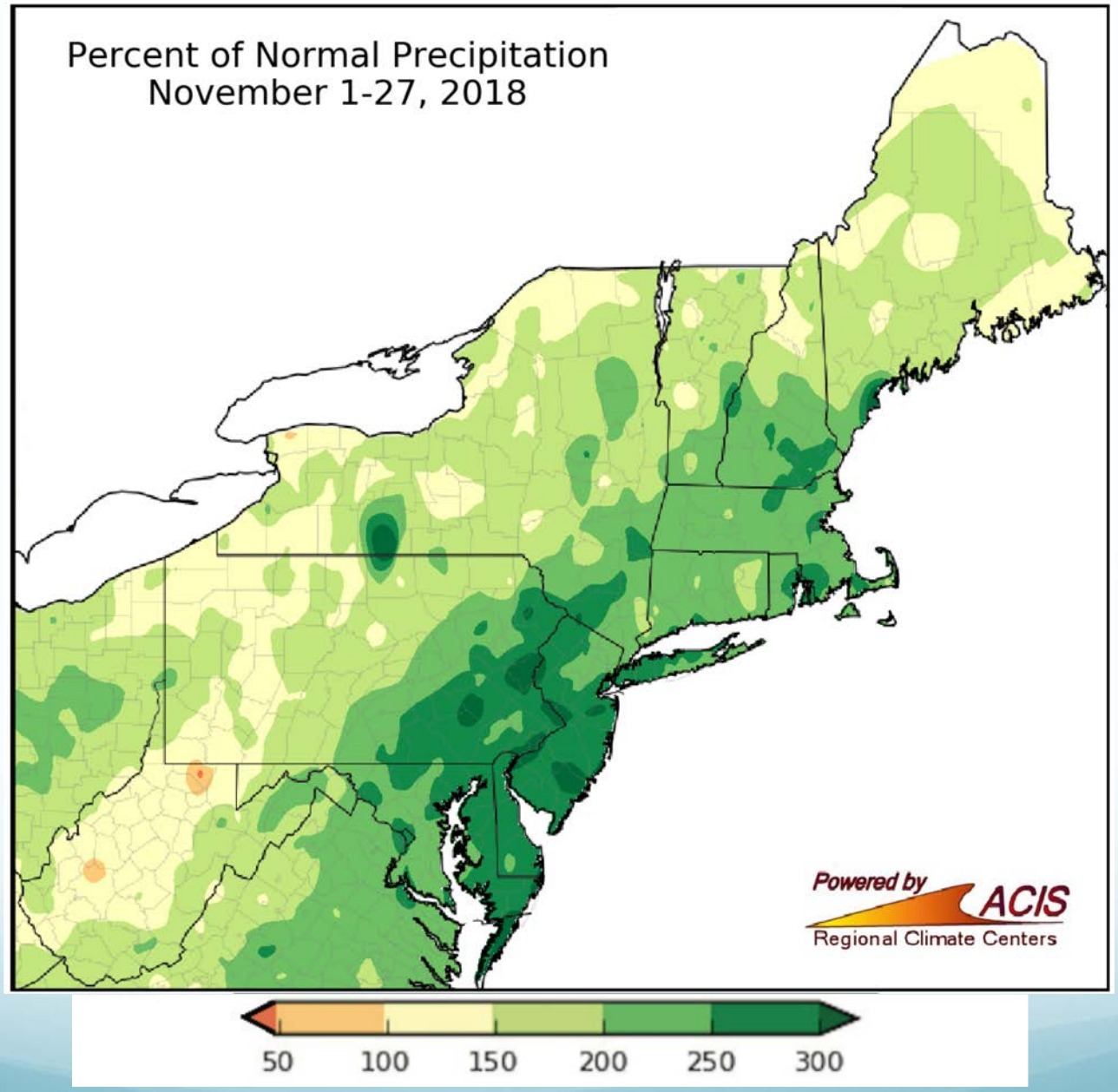
Newark, NJ (6.4”) and Kennedy Airport, NY (4.8”) had their greatest 1-day snowfall for November

November Snowfall



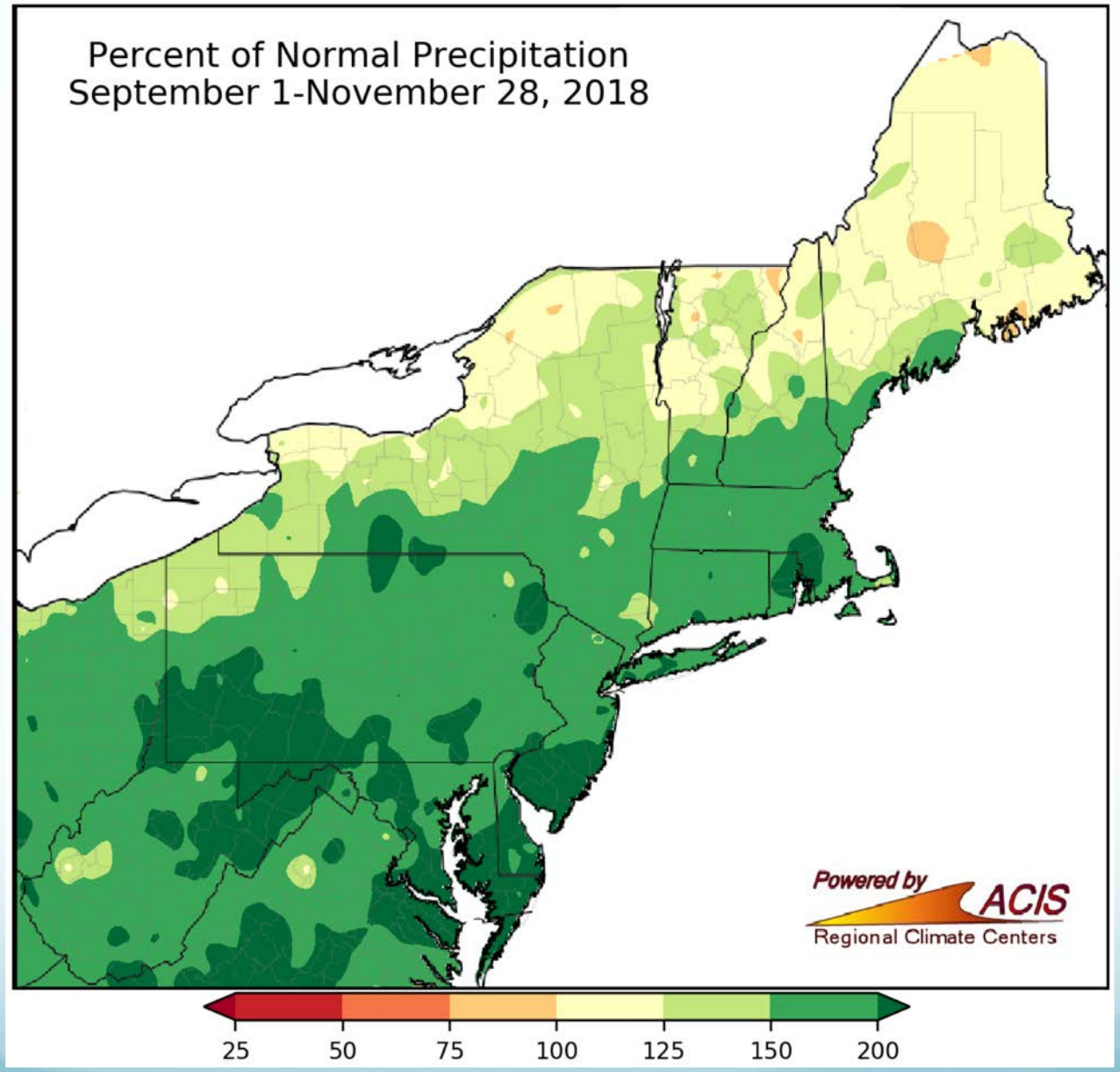
From 6” below normal to more than 18” above normal

November Precipitation



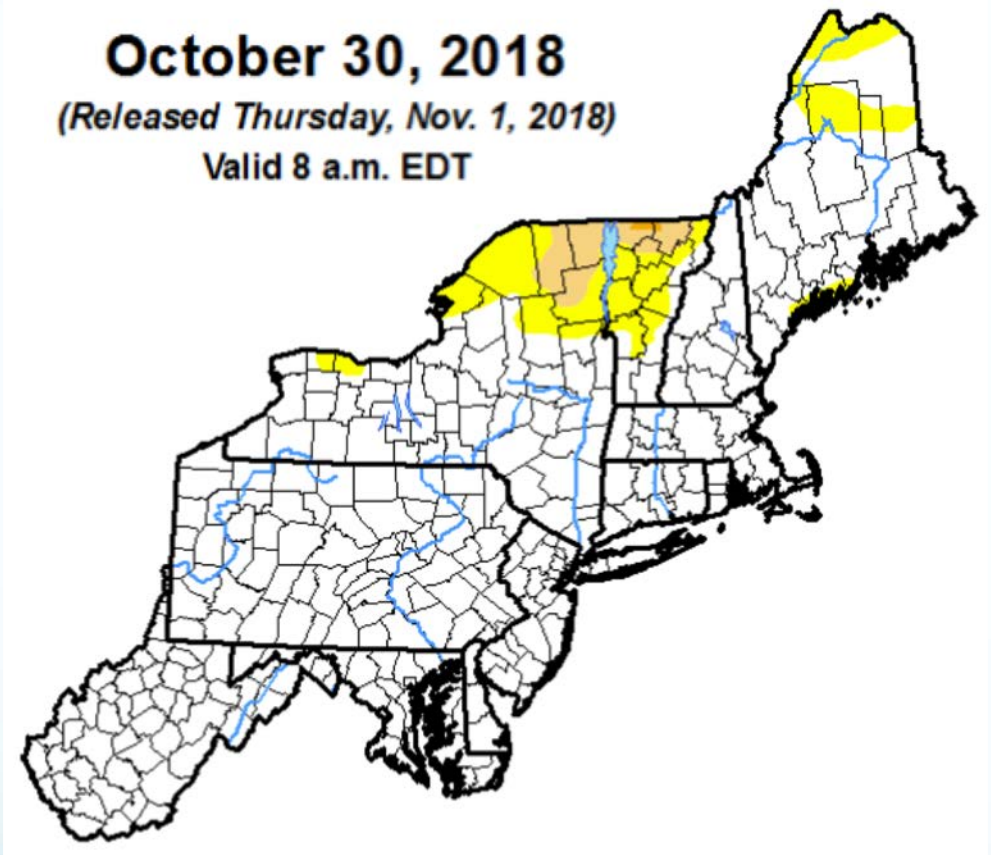
From near normal to more than 300% of normal

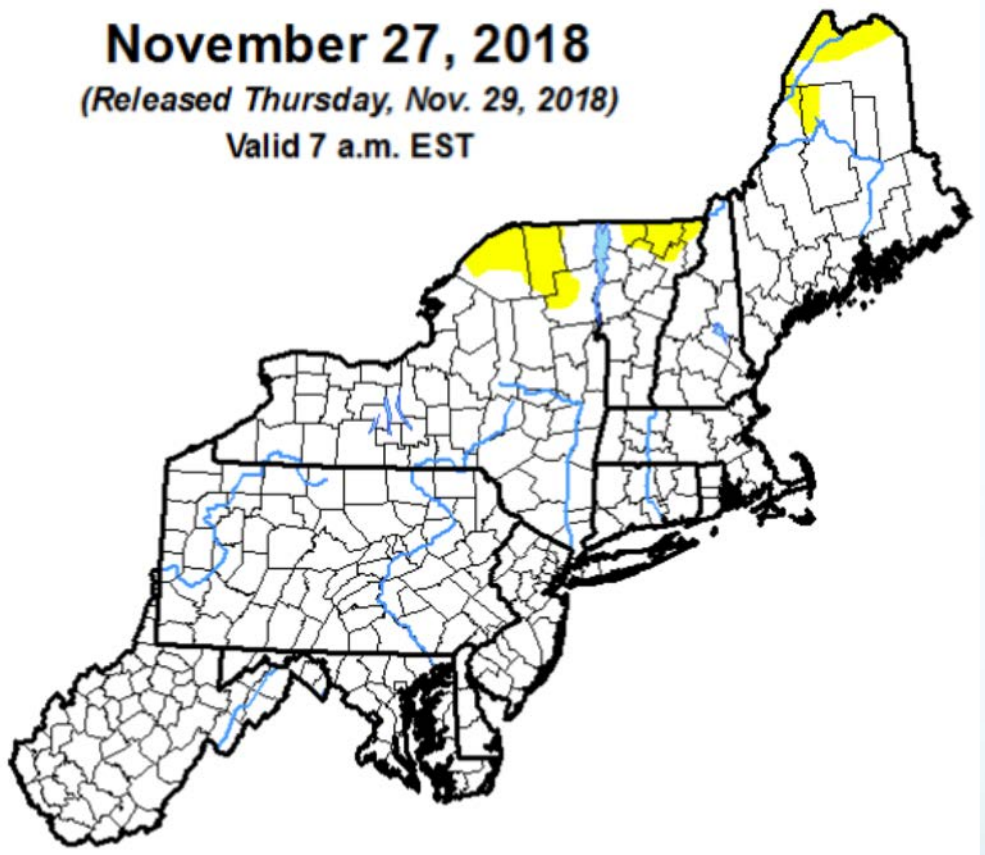
Fall Precipitation



From near normal to more than 200% of normal

Drought Monitor





At the end of October:

- 9% of the region was abnormally dry
- 2% in a severe or moderate drought

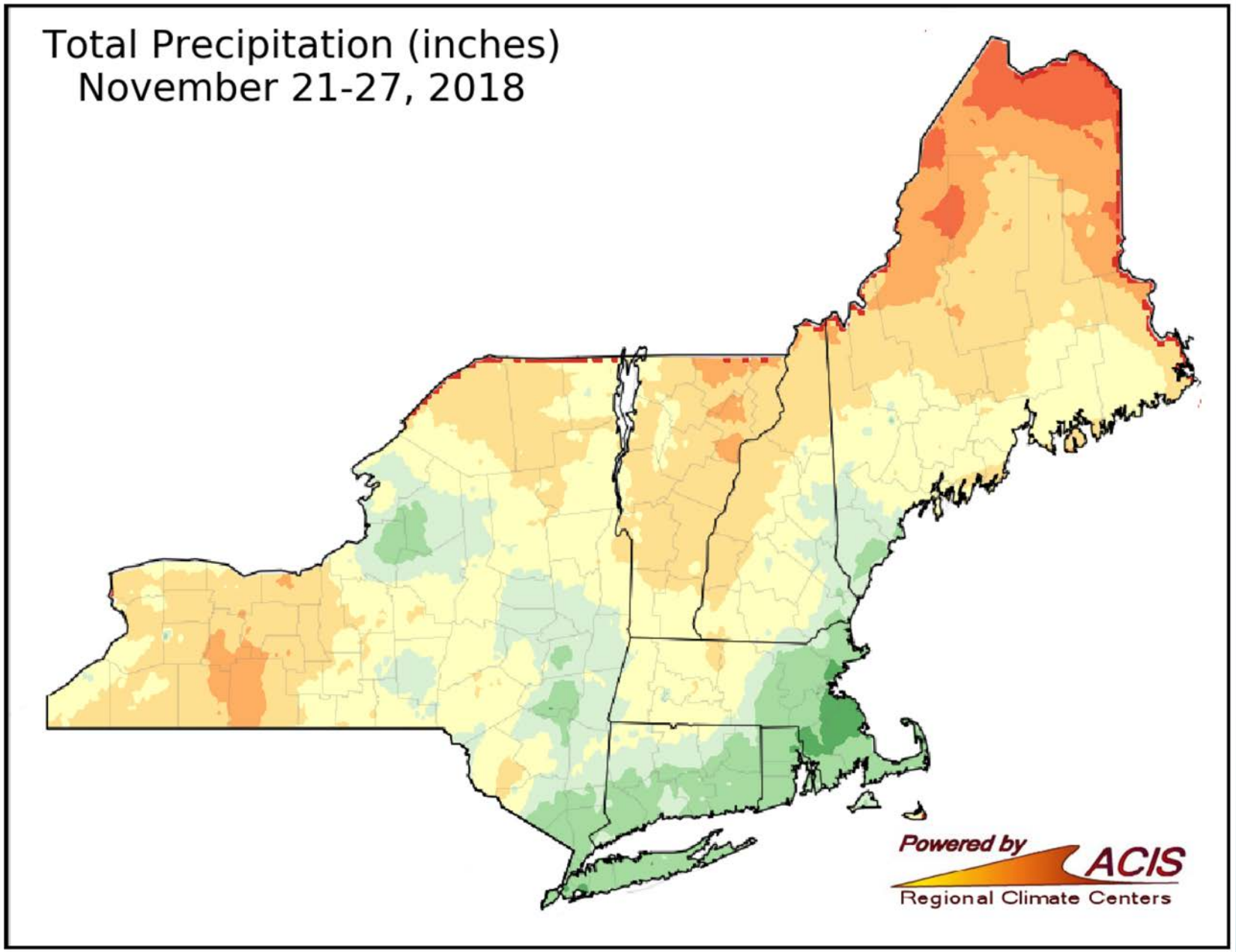
Intensity:

D0 Abnormally Dry

D1 Moderate Drought

At the end of November:

- 4% is abnormally dry


Total Precipitation (inches)
November 21-27, 2018
Powered by ACIS
Regional Climate Centers
0.01
0.25
0.50
1.00
1.50
2.00
3.00
4.00

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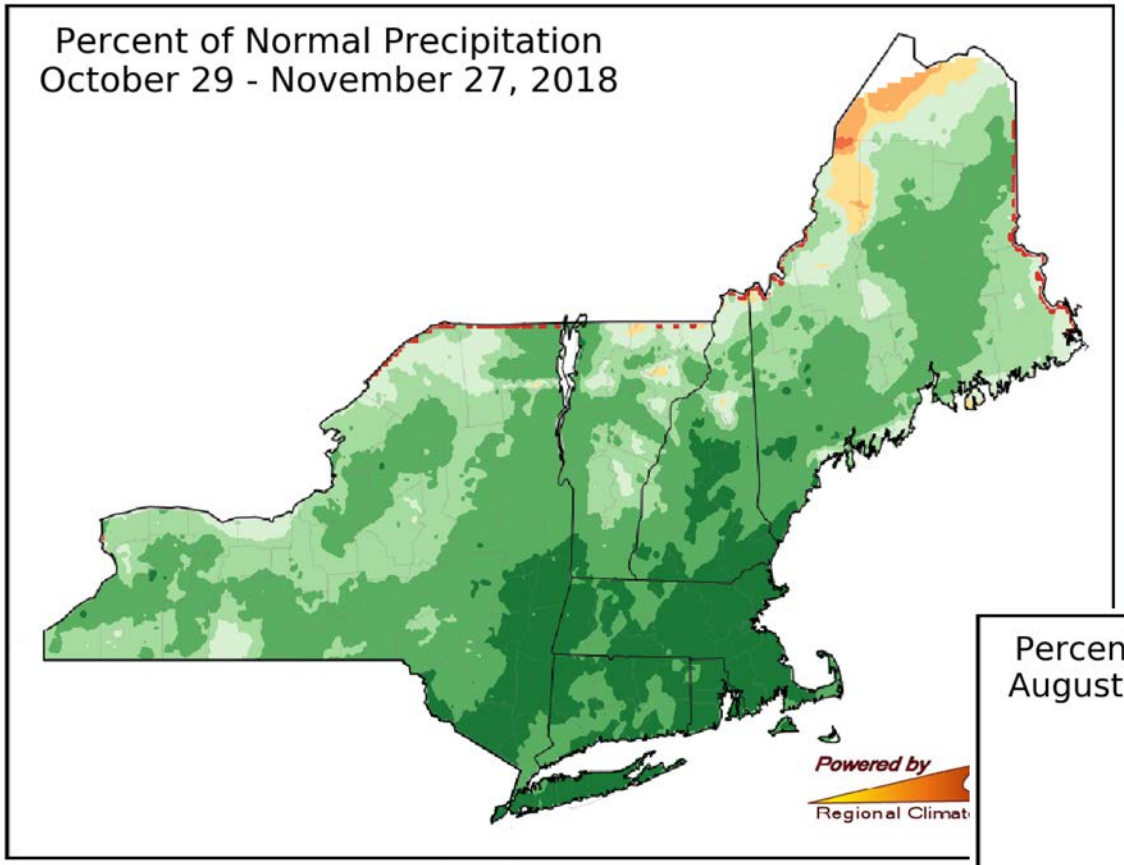
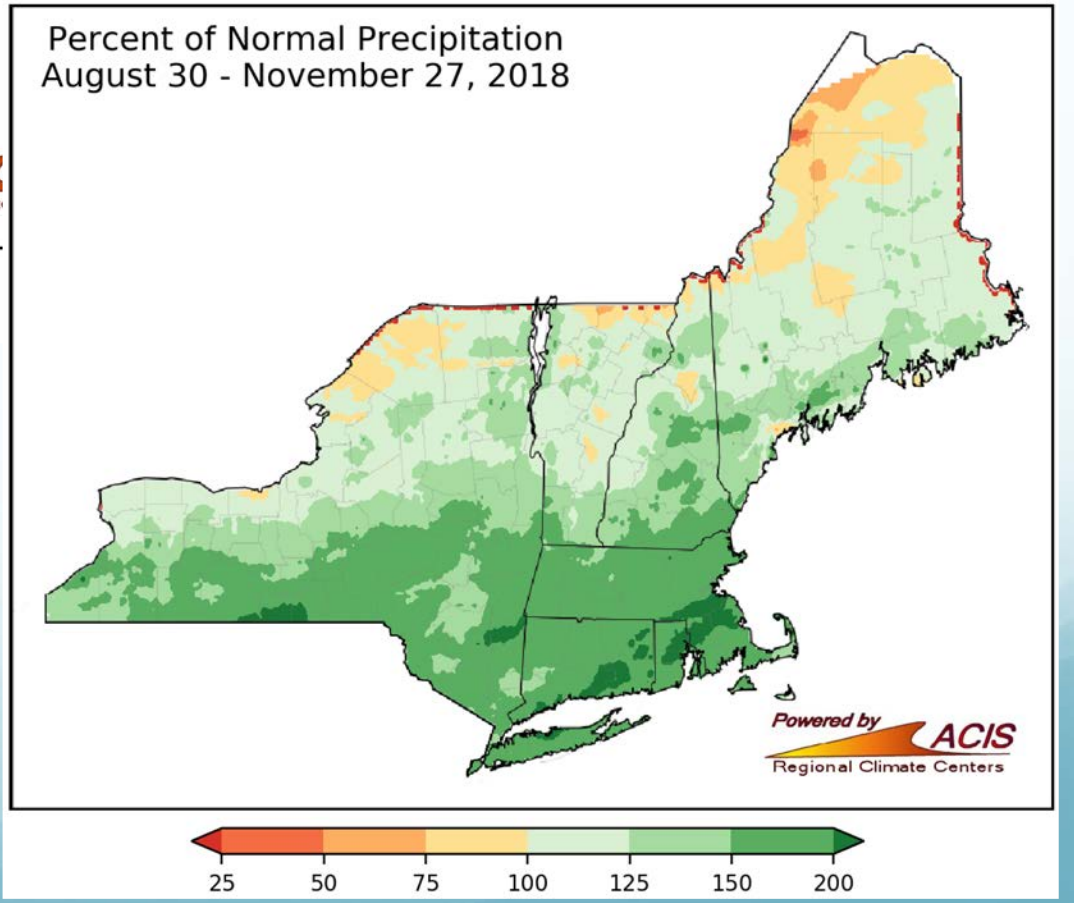

Percent of Normal Precipitation
October 29 - November 27, 2018
Powered by
Regional Climat
25
50
75
100
125
150
200


Percent of Normal Precipitation
August 30 - November 27, 2018
Powered by
ACIS
Regional Climate Centers
25
50
75
100
125
150
200

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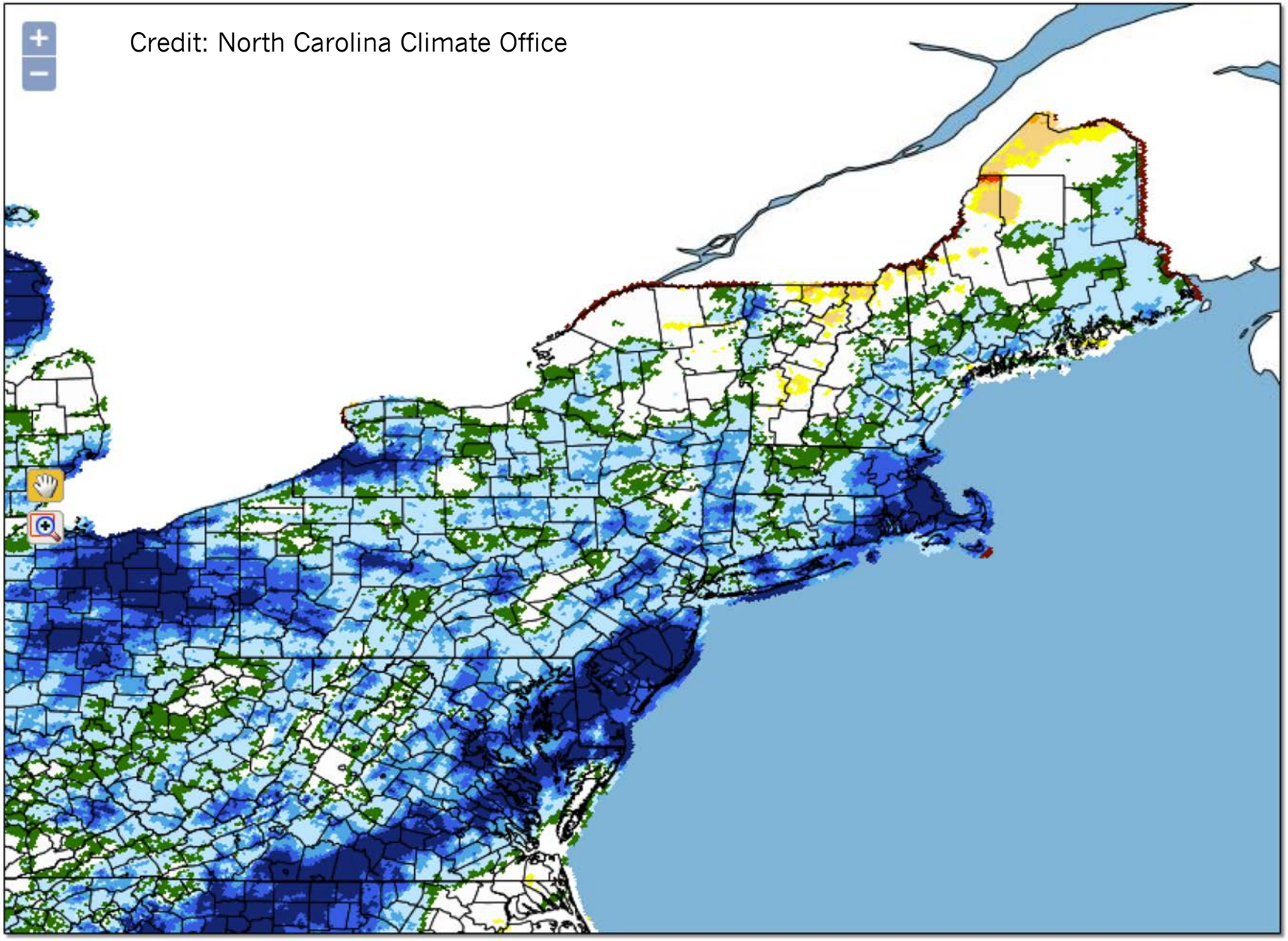
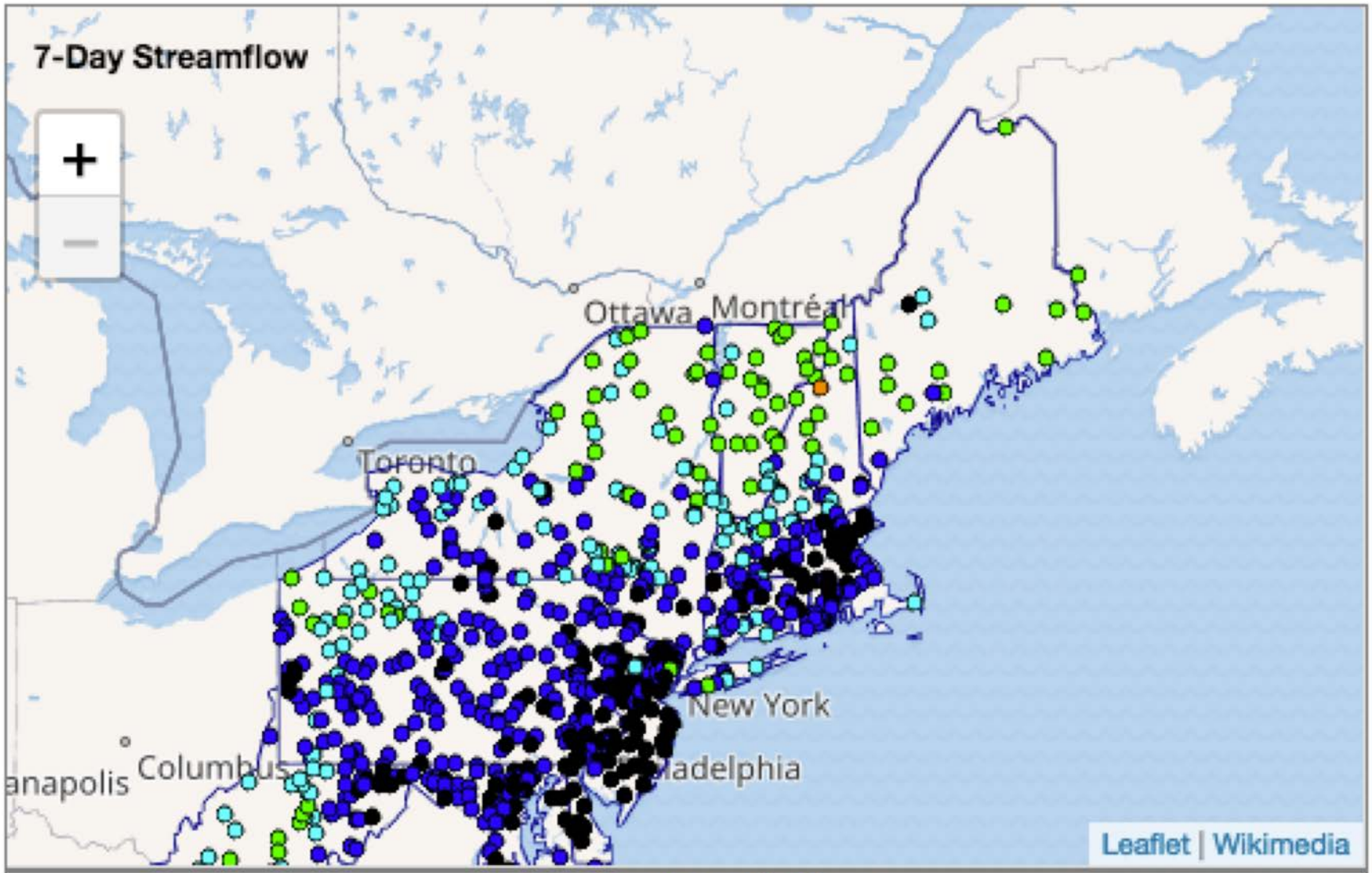

Credit: North Carolina Climate Office
60 day SPI for November 27, 2018
-2
-1.6
-1.3
-0.8
-0.5
0.5
0.8
1.3
1.6
2
Exceptional Dryness
Extreme Dryness
Severe Dryness
Moderate Dryness
Abnormal Dryness
Normal
Abnormal Wetness
Moderate Wetness
Severe Wetness
Extreme Wetness
Exceptional Wetness
Transparency:
DOWNLOAD GEOTIFF



Explanation - Percentile Classes

Low	Much below normal	Below normal	Normal	Above normal	Much above normal	High
	<10%	10-24%	25-75%	76-90%	>90%	

Data provided by USGS WaterWatch - Streamflow.

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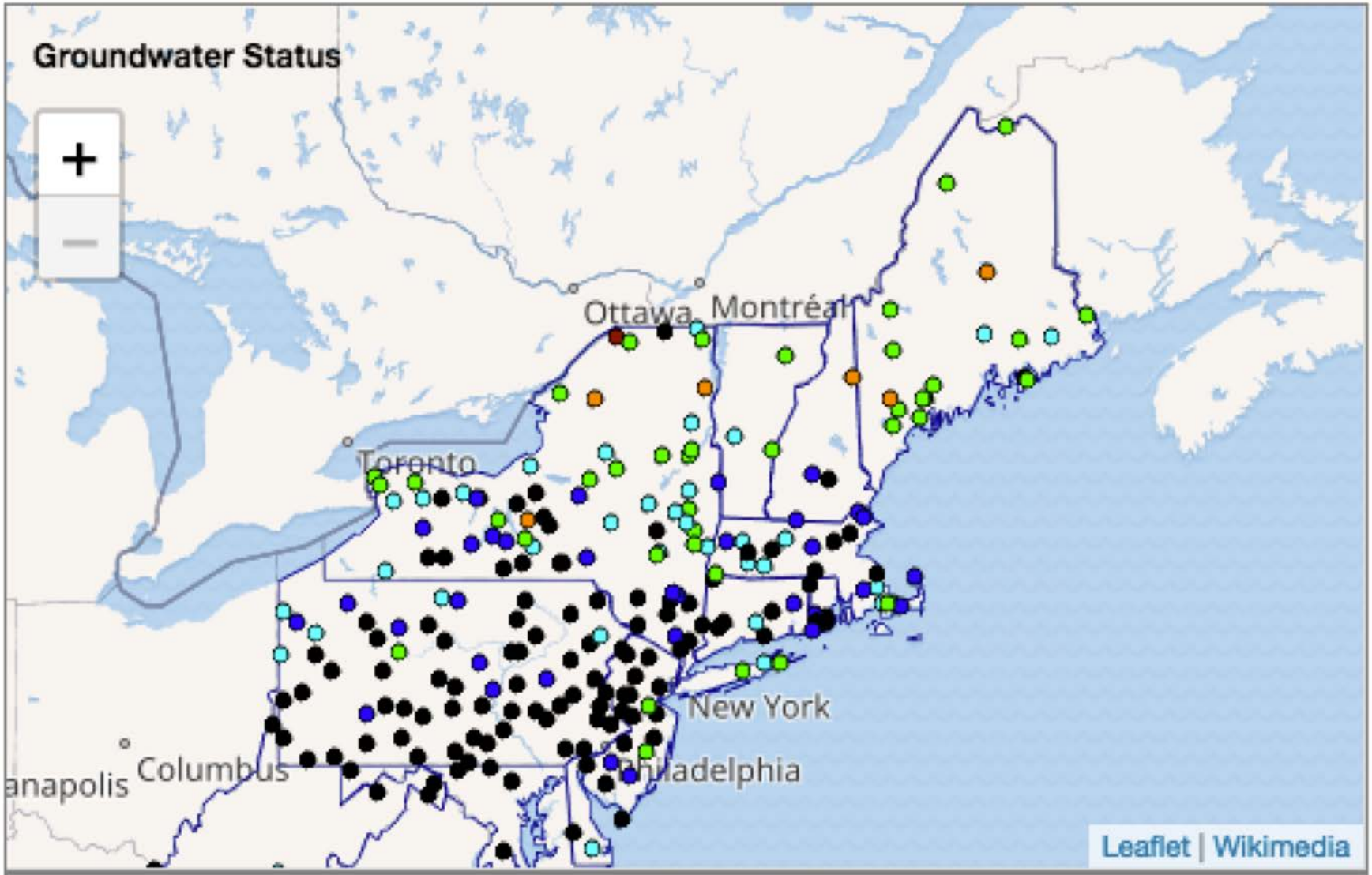

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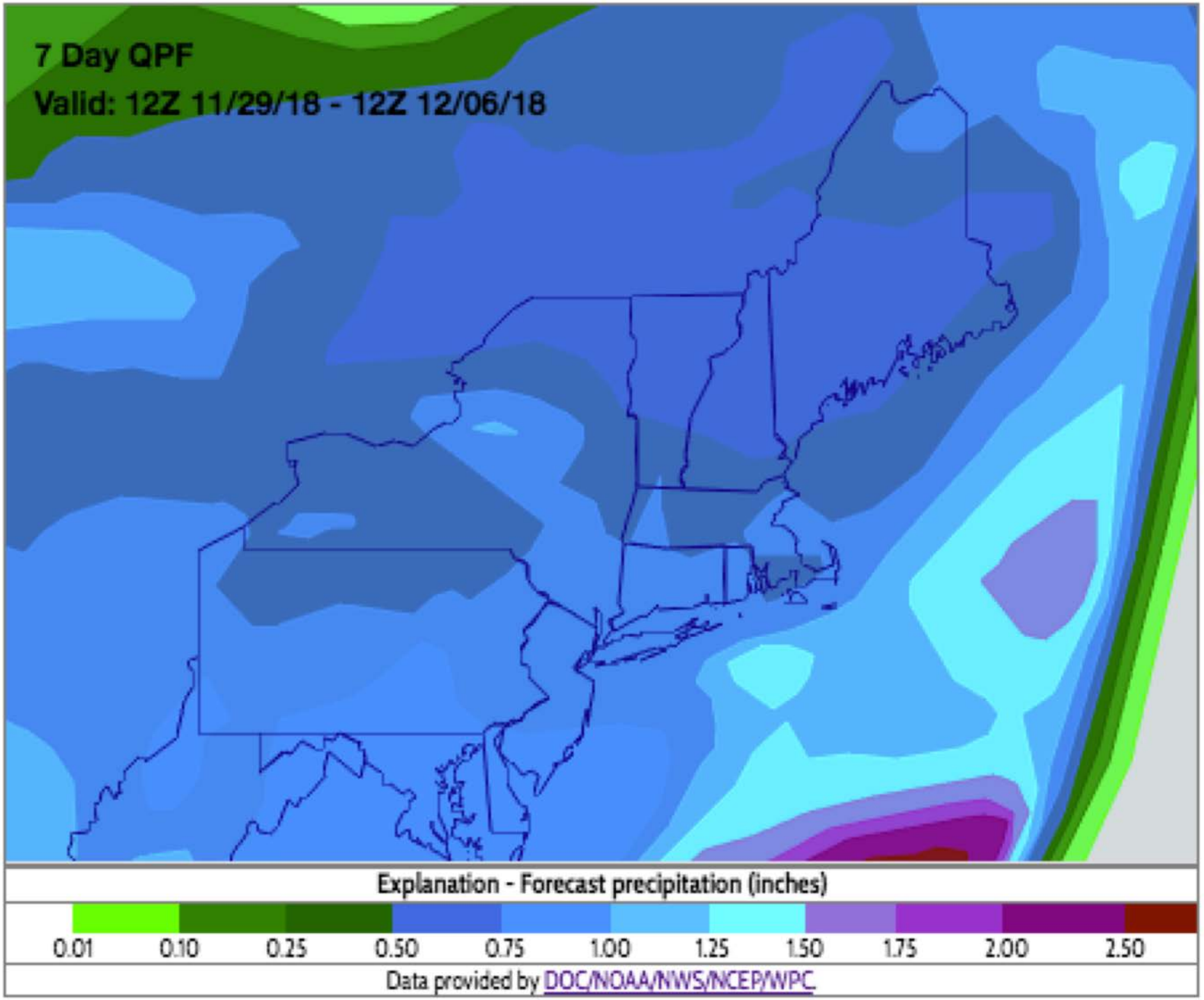
Data provided by USGS Groundwater Watch - Climate Response Network.


7 Day QPF
Valid: 12Z 11/29/18 - 12Z 12/06/18
Explanation - Forecast precipitation (inches)
0.01
0.10
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
2.50
Data provided by DOC/NOAA/NWS/NCEP/WPC

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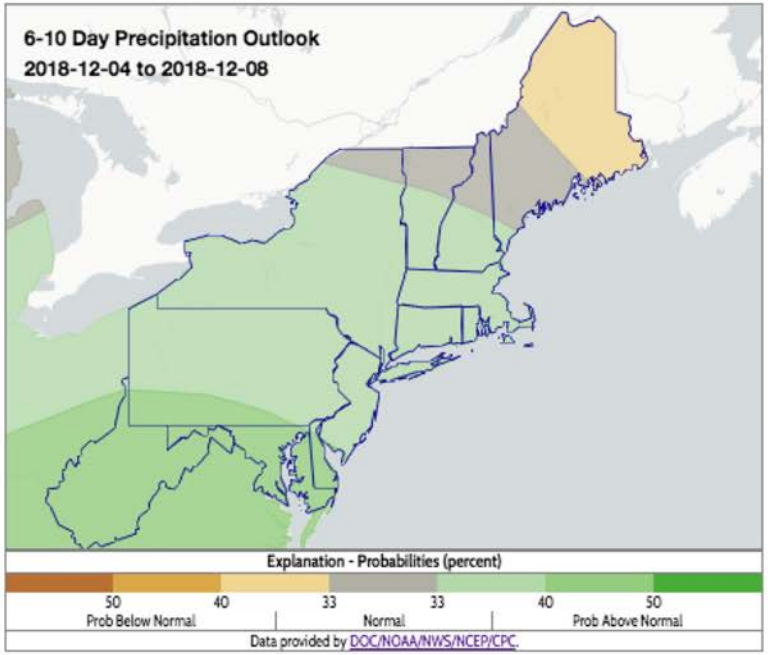
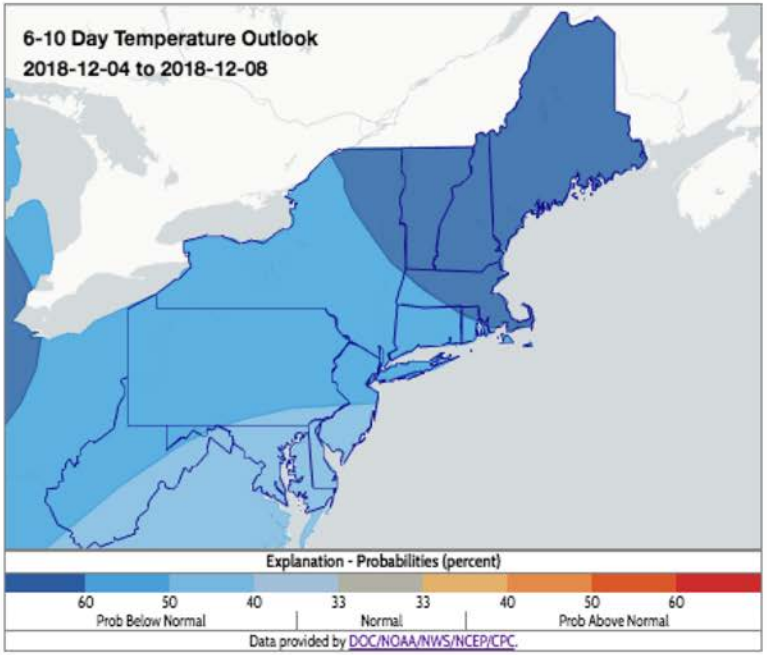
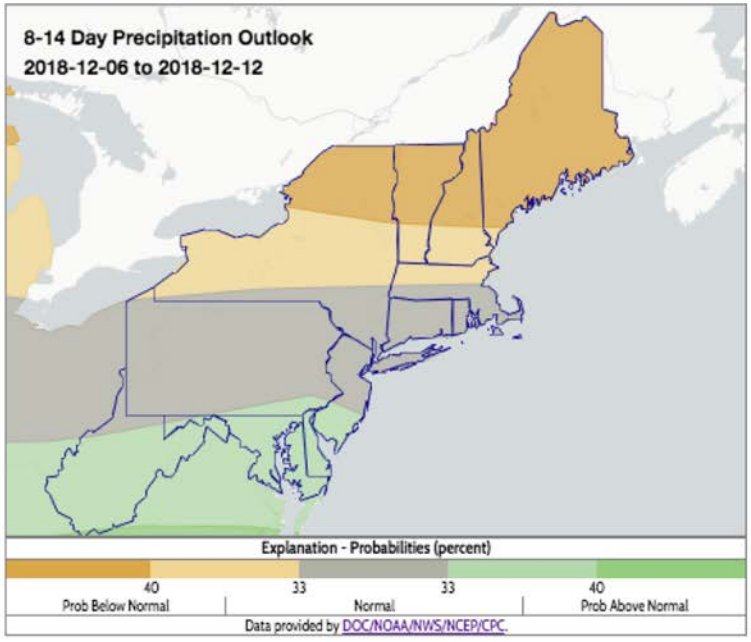
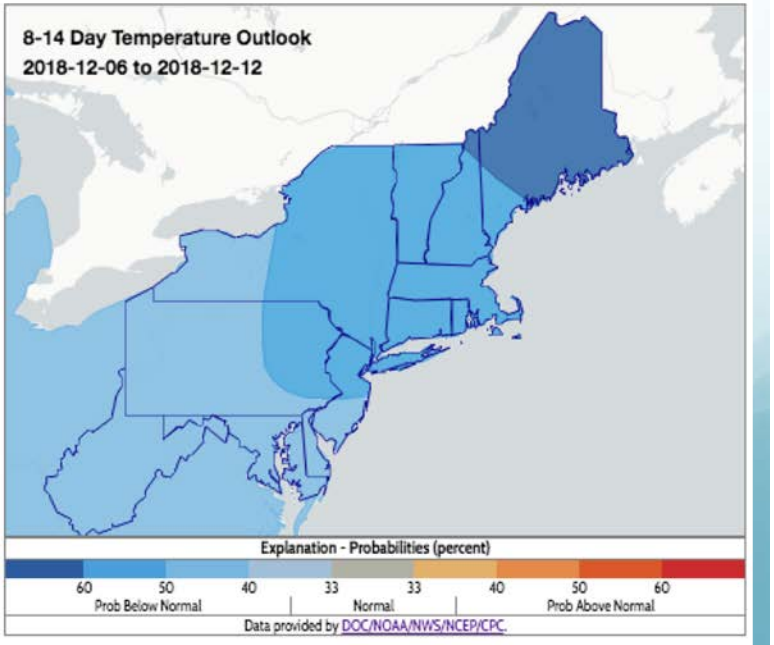
Short-term Outlooks









Contact Information

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

Upcoming Webinars

- Tuesday, December 18 at 9:30 am
  - National Climate Assessment 4 – Northeast chapter findings
- Thursday, January 31 at 9:30 am
- Thursday, February 28 at 9:30 am
- Thursday, March 28 at 9:30 am

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