

March Conditions & Northeast DEWS Discussion

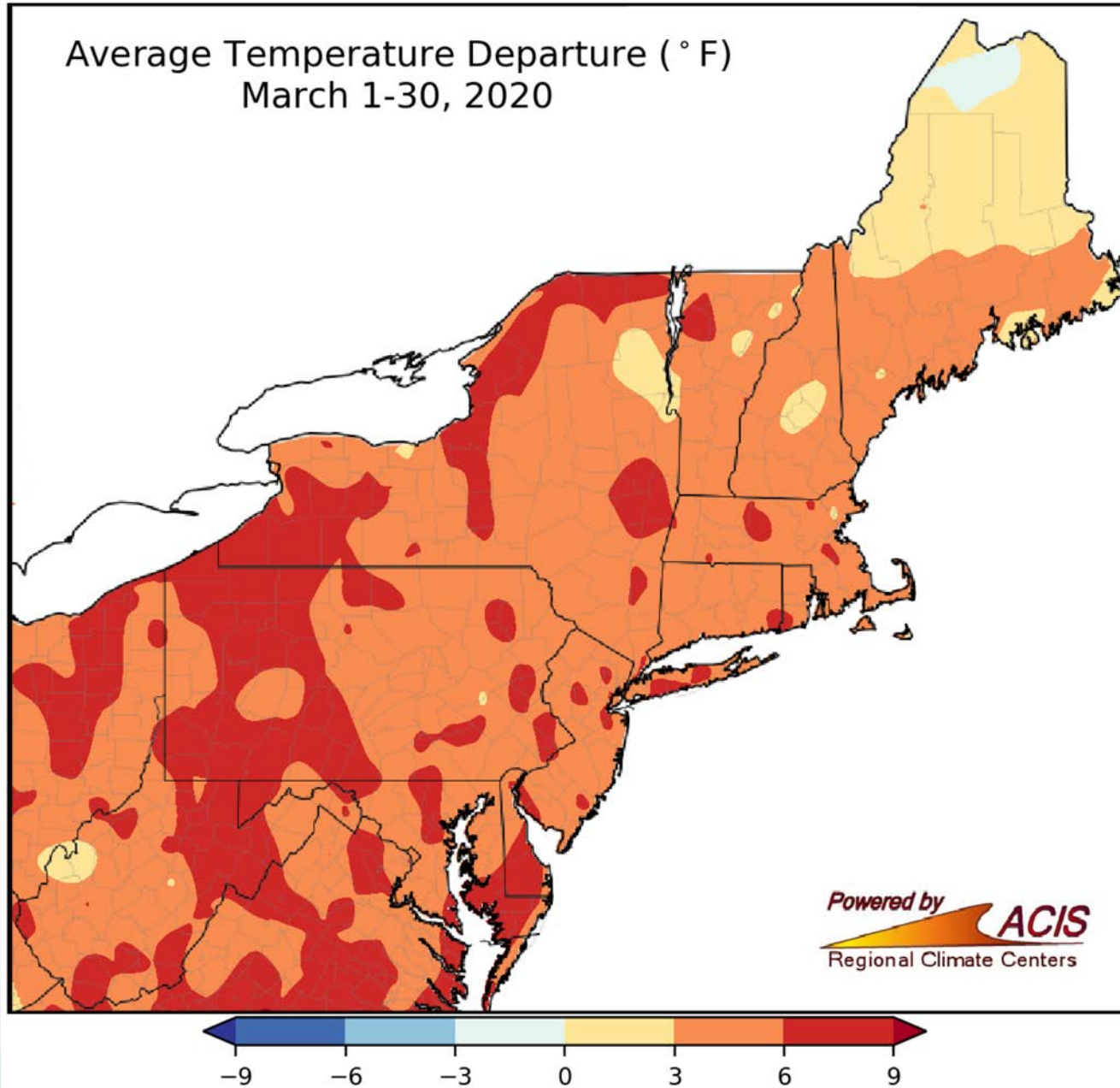
By: Samantha Borisoff, Climatologist
Northeast Regional Climate Center



Northeast Regional
Climate Center



March Temperatures



From near normal to 9°F above normal



March Temperatures

First/Last Summary for PORTLAND JETPORT, ME

Each section contains date and year of occurrence, value on that date.
Click column heading to sort ascending, click again to sort descending.

Year	First	Value	Last	Value	Difference
2020	03-09 (2020)	70	-	-	-
1946	03-14 (1946)	70	10-31 (1946)	80	230
2012	03-18 (2012)	70	10-06 (2012)	71	201
2010	03-20 (2010)	70	10-08 (2010)	71	201
1948	03-22 (1948)	70	10-02 (1948)	76	193

Maximum 1-Day Mean Max Temperature for Beckley Area, WV (ThreadEx)

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

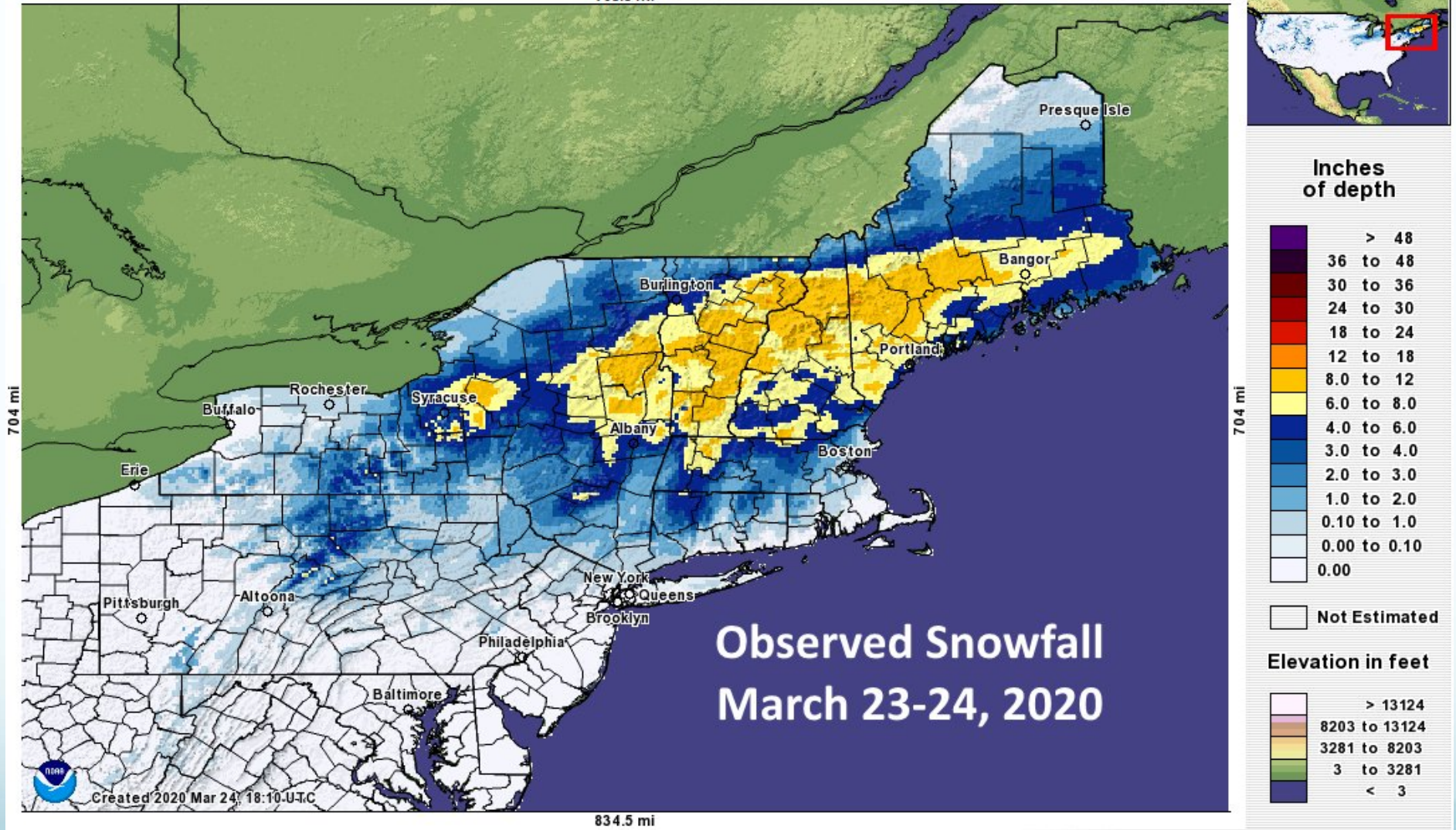
Rank	Value	Ending Date
1	85.0	2020-03-28
2	83.0	1907-03-23
-	83.0	1907-03-22
4	82.0	2012-03-20
-	82.0	1954-03-25
-	82.0	1927-03-16
-	82.0	1910-03-29
-	82.0	1907-03-29
9	81.0	1998-03-31
-	81.0	1998-03-30

Last value also occurred in one or more previous years.
Period of record: 1896-04-01 to 2020-03-29



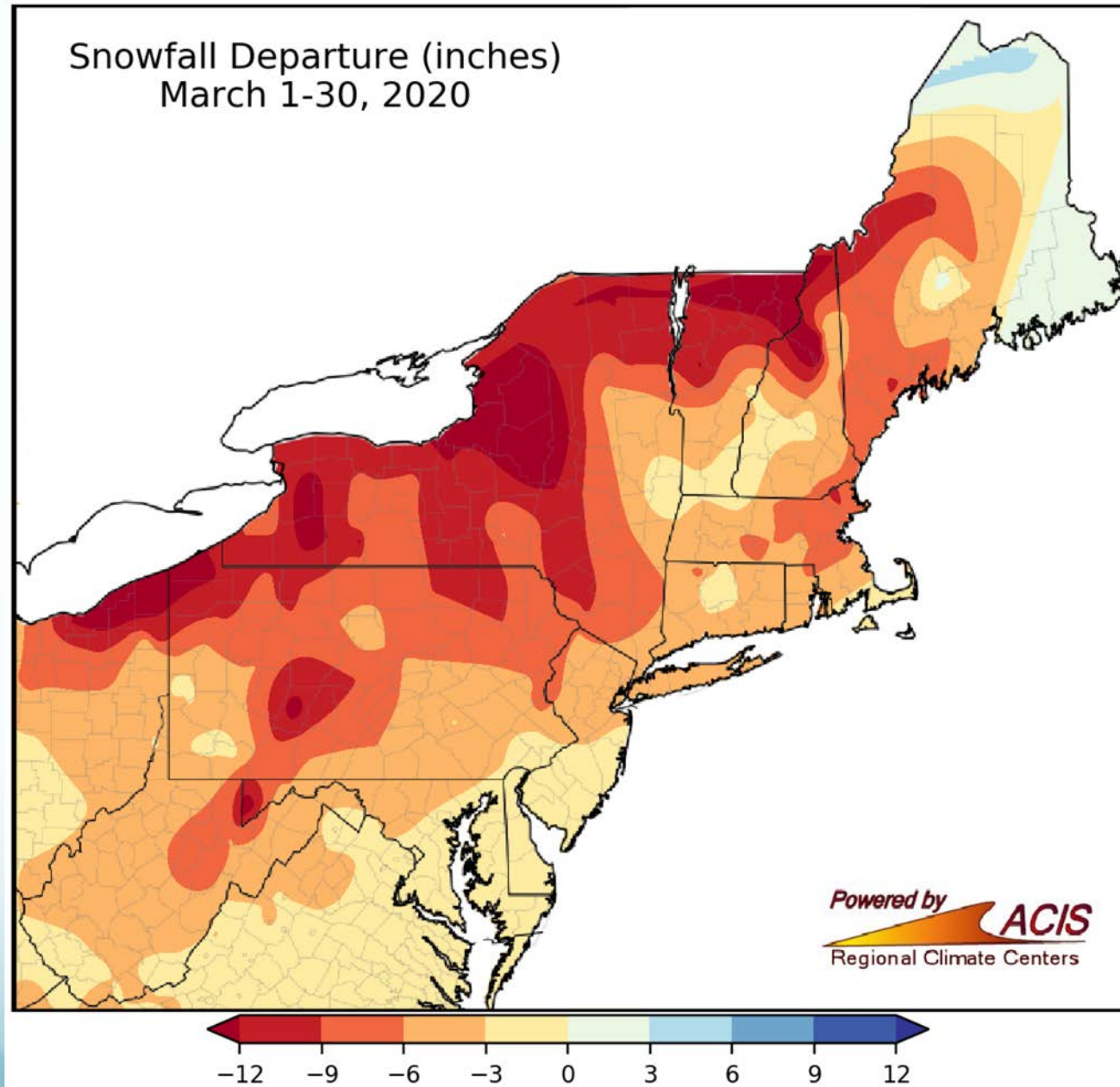
March Snowfall

Interpolated Observed Snowfall Analysis during 48h preceding 2020 March 24, 12:00 UTC
705.8 mi



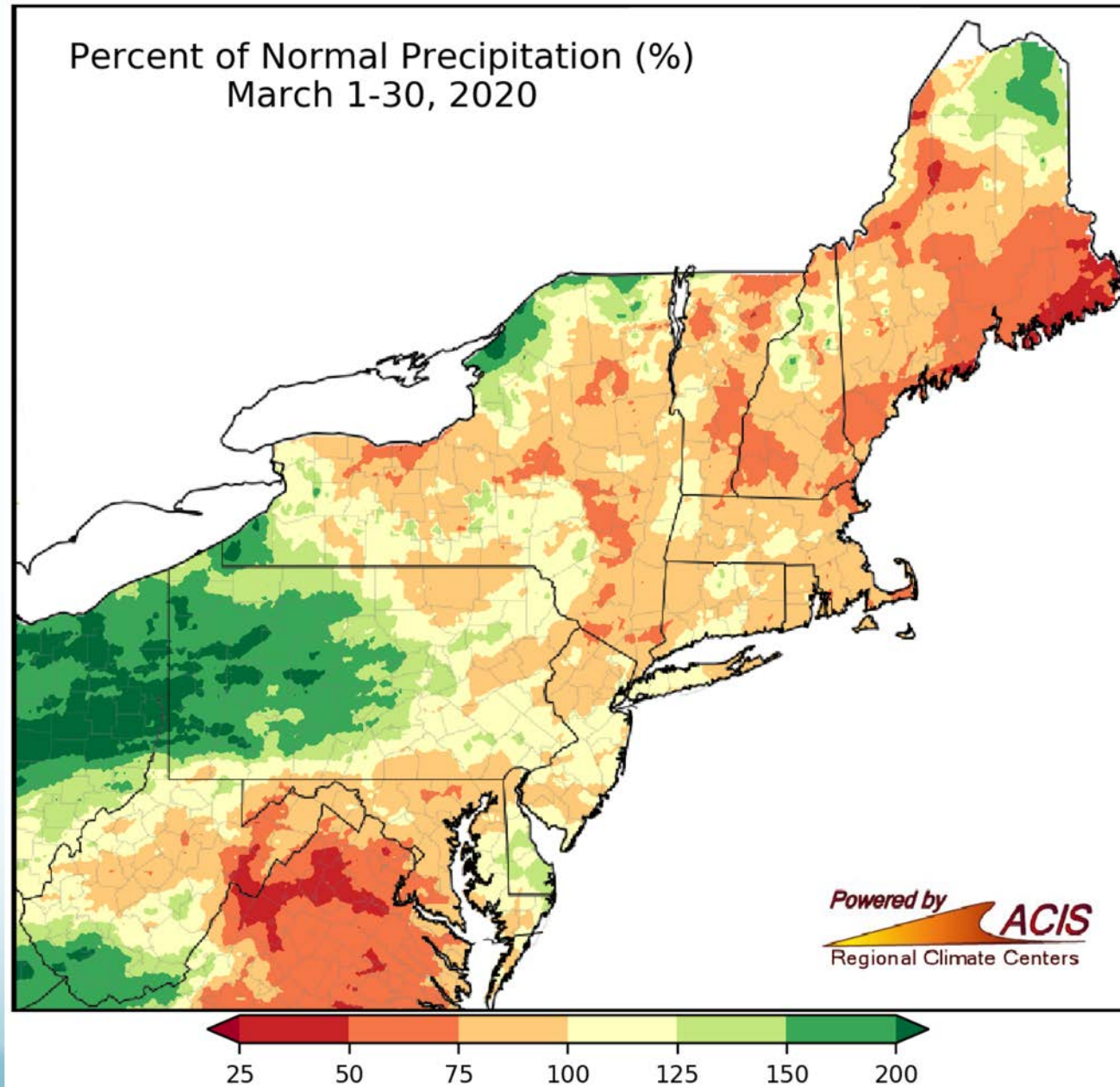
Credit: NWS ERH and NOAA NOHRSC

March Snowfall



From more than 12" below normal to near normal

March Precipitation



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

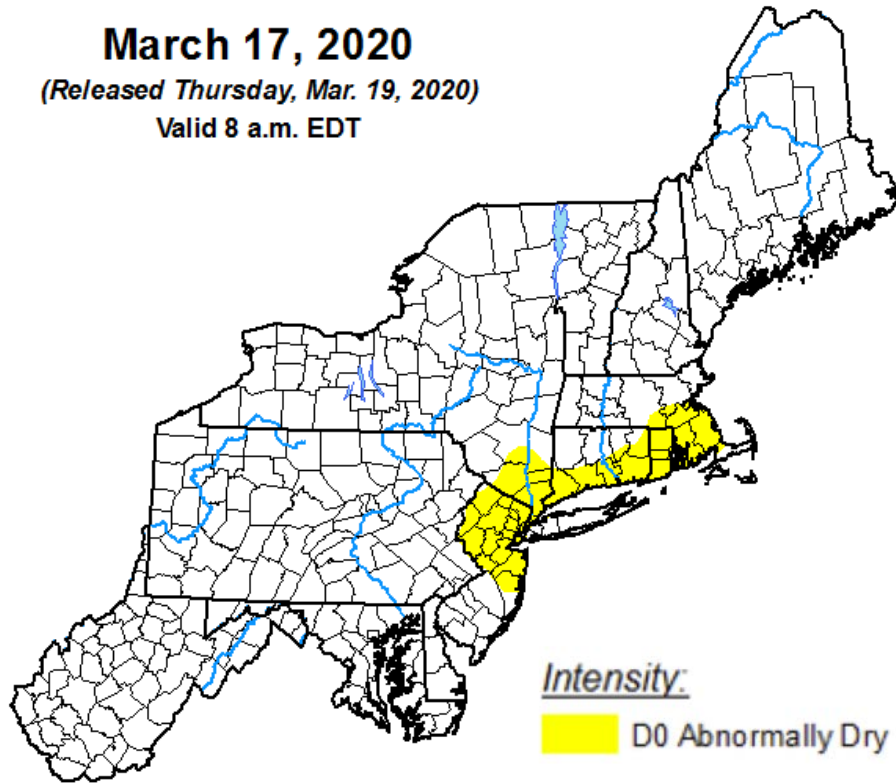


Drought Monitor

March 17, 2020

(Released Thursday, Mar. 19, 2020)

Valid 8 a.m. EDT

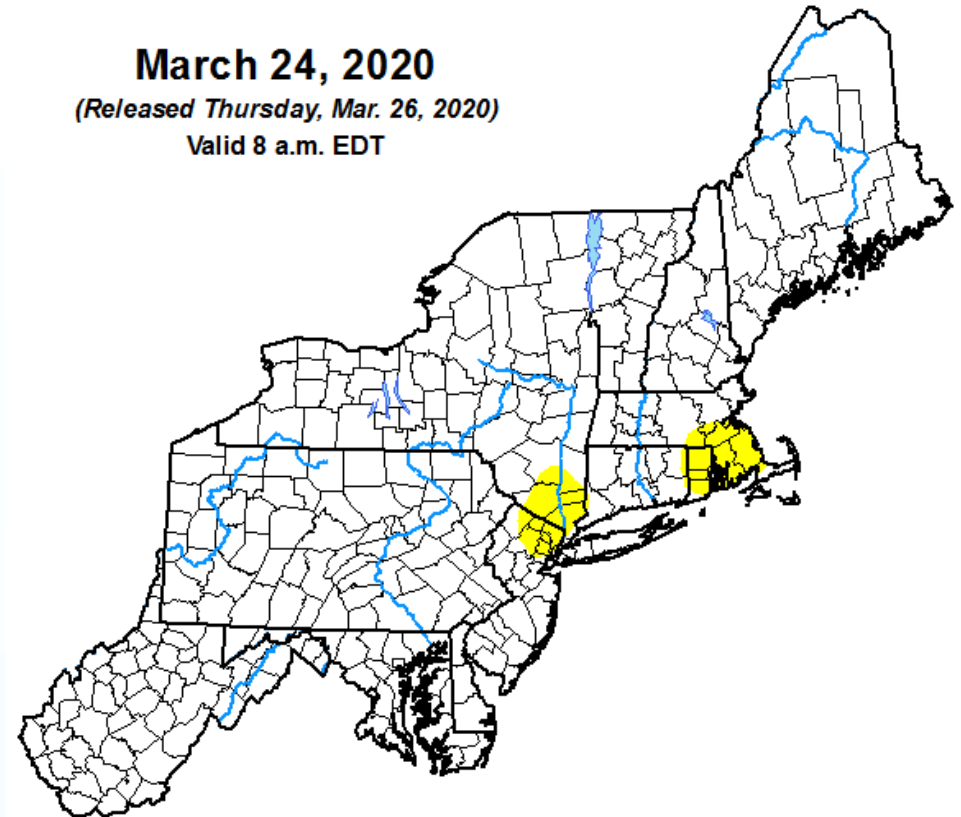


6% of the region was
abnormally dry

March 24, 2020

(Released Thursday, Mar. 26, 2020)

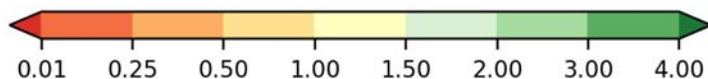
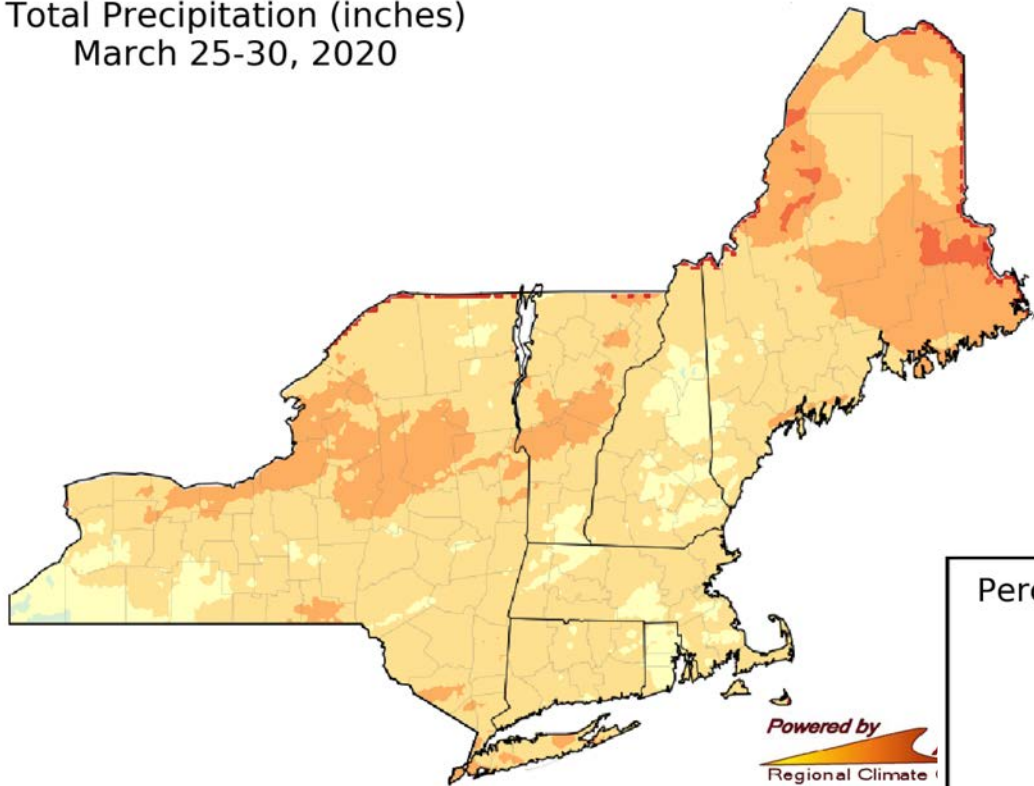
Valid 8 a.m. EDT



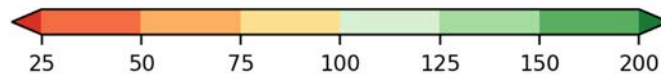
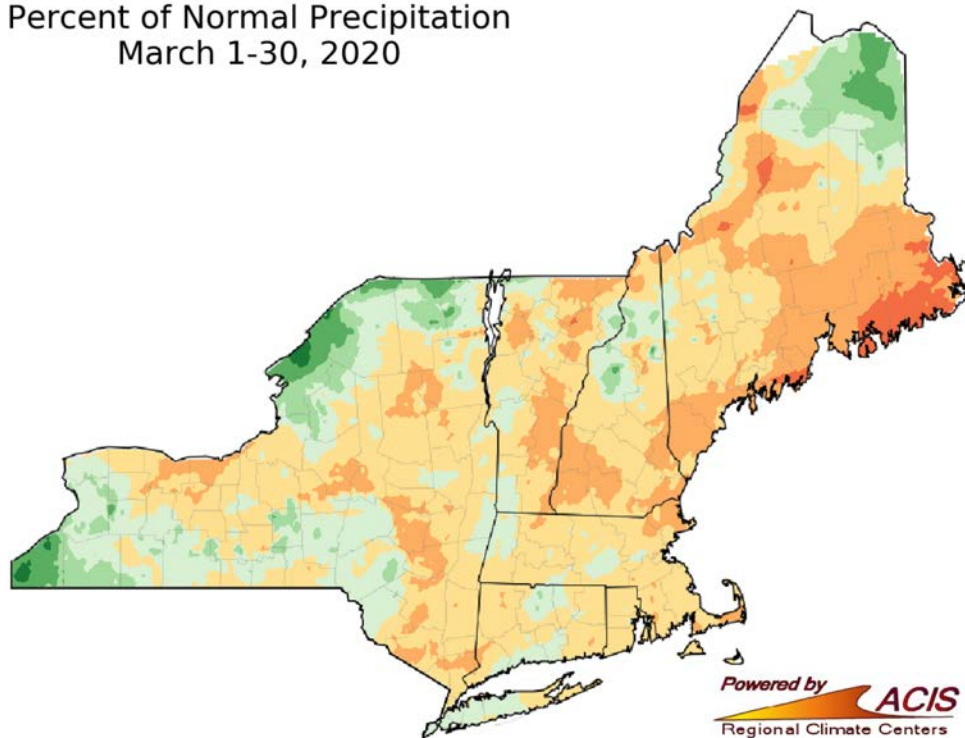
3% of the region was
abnormally dry



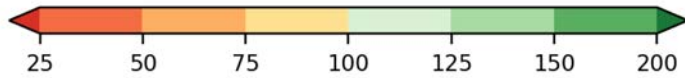
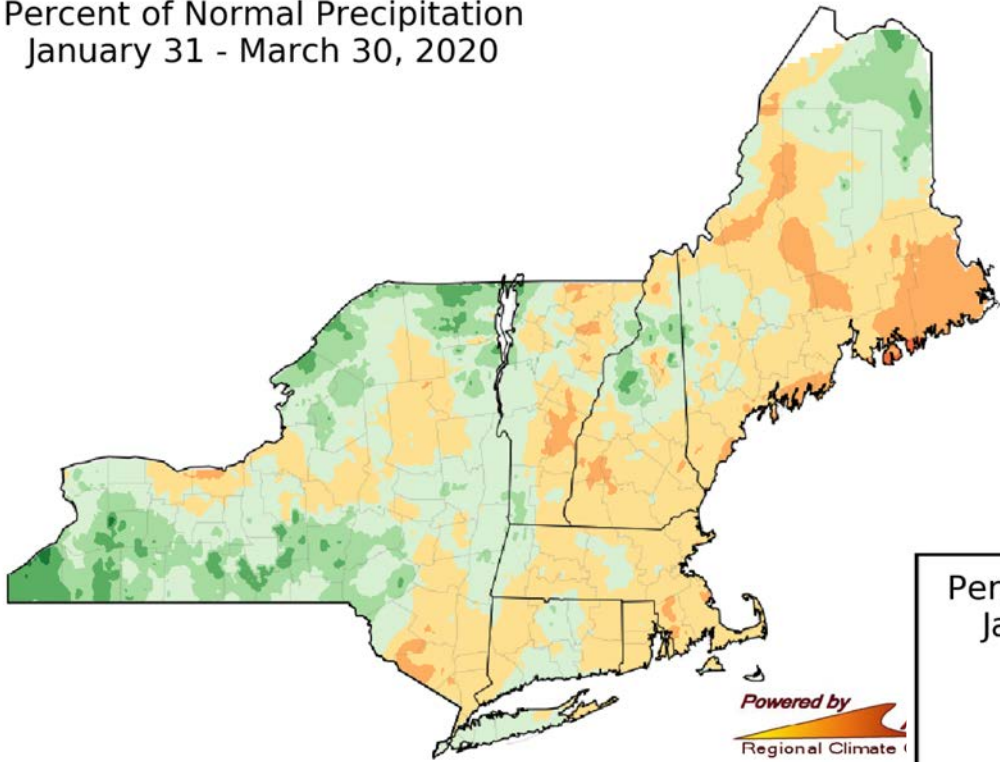
Total Precipitation (inches)
March 25-30, 2020



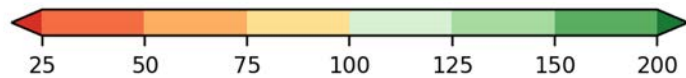
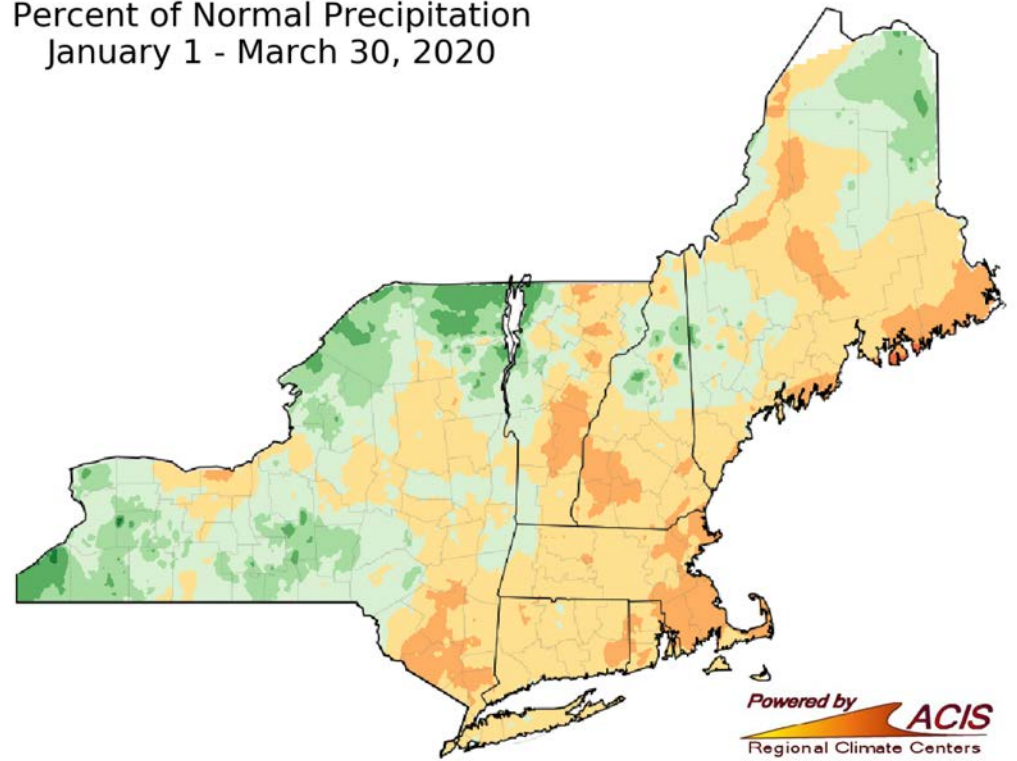
Percent of Normal Precipitation
March 1-30, 2020

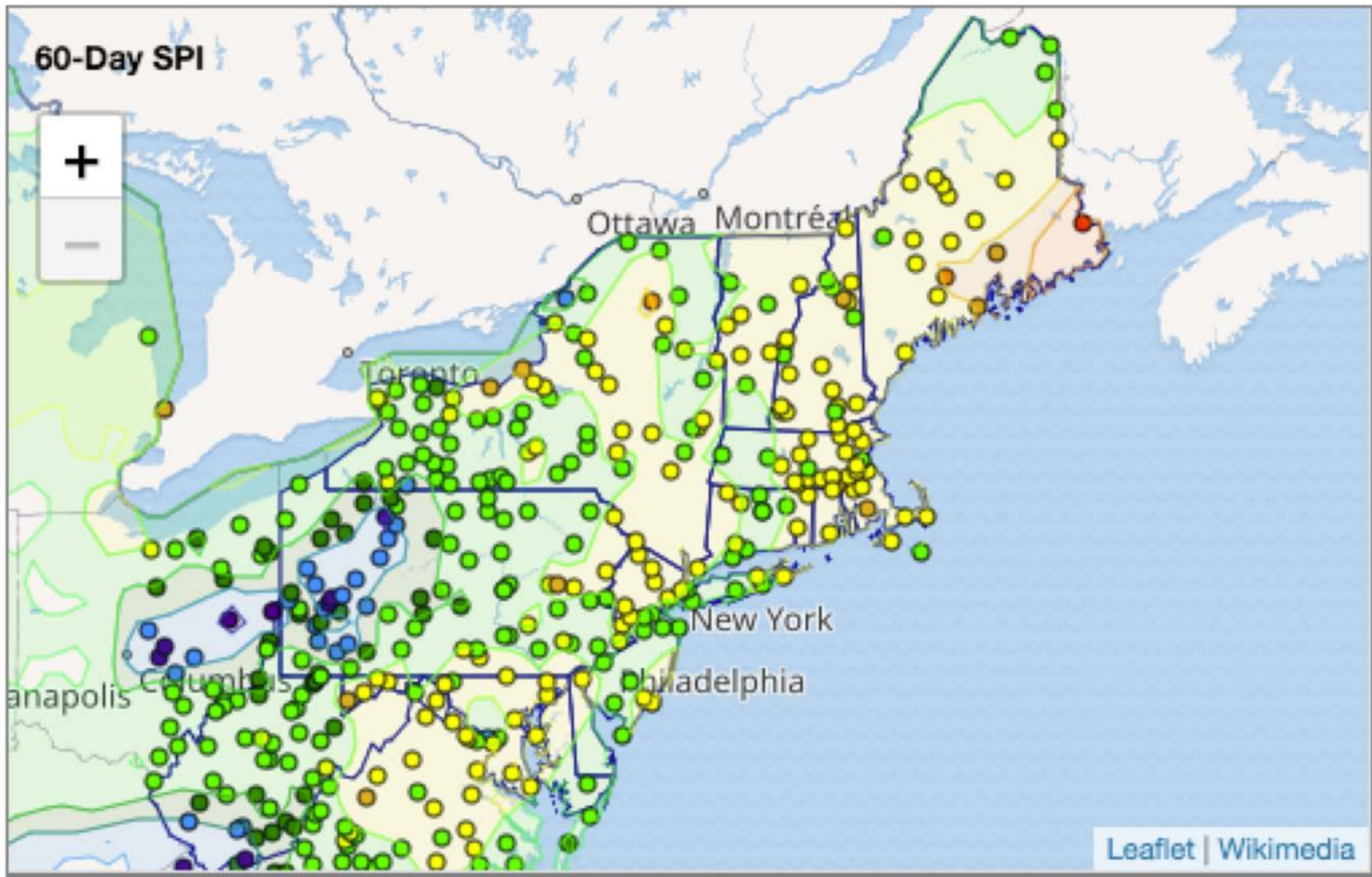


Percent of Normal Precipitation
January 31 - March 30, 2020



Percent of Normal Precipitation
January 1 - March 30, 2020



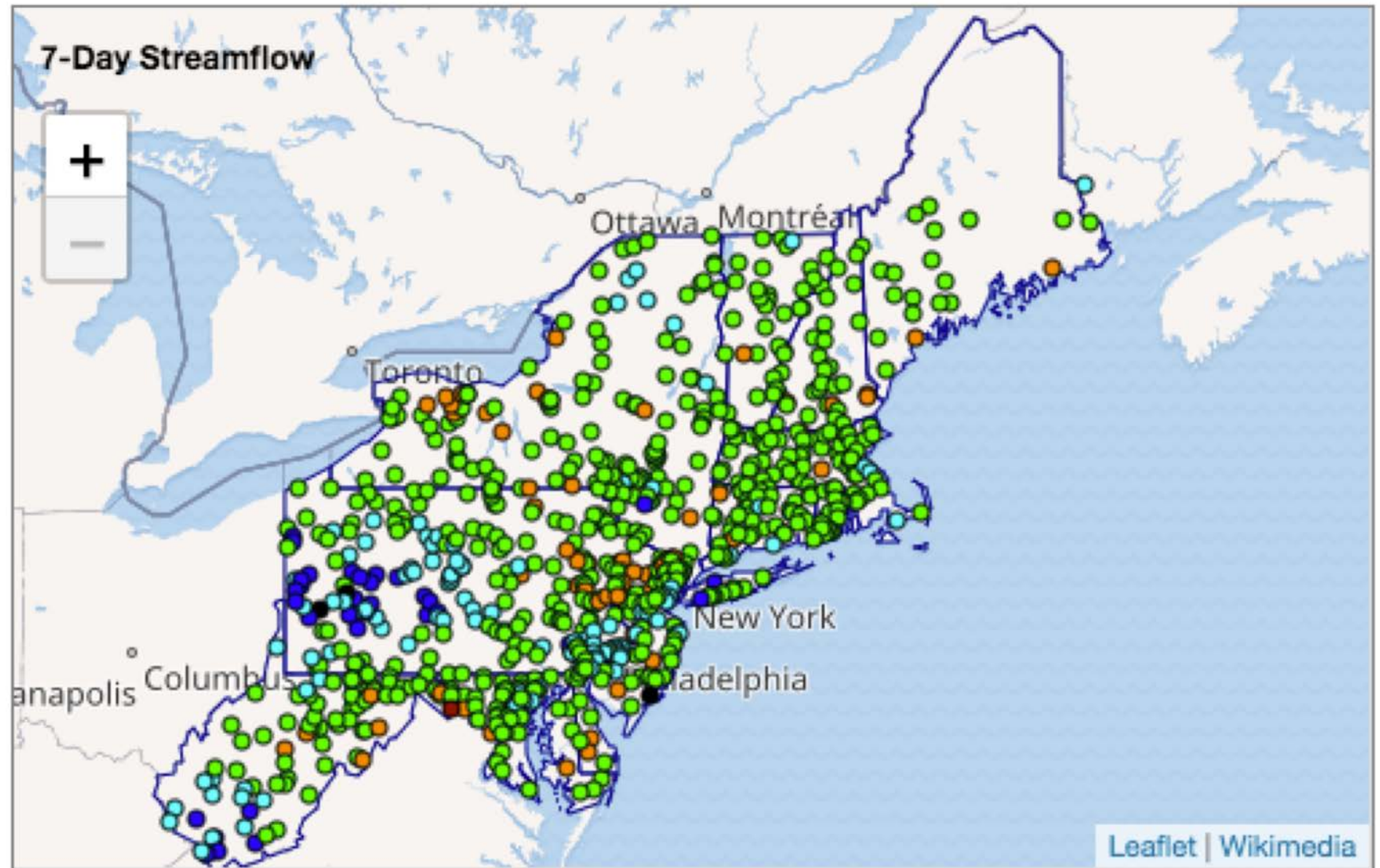


Explanation - SPI Levels

●	●	●	●	●	●	●	●	●	●	●	●
<-3.0	-3.0 to -2.5	-2.5 to -2.0	-2.0 to -1.5	-1.5 to -1.0	-1.0 to 0.0	0.0 to 1.0	1.0 to 1.5	1.5 to 2.0	2.0 to 2.5	2.5 to 3.0	>3.0

Data provided by [High Plains Regional Climate Center](#).



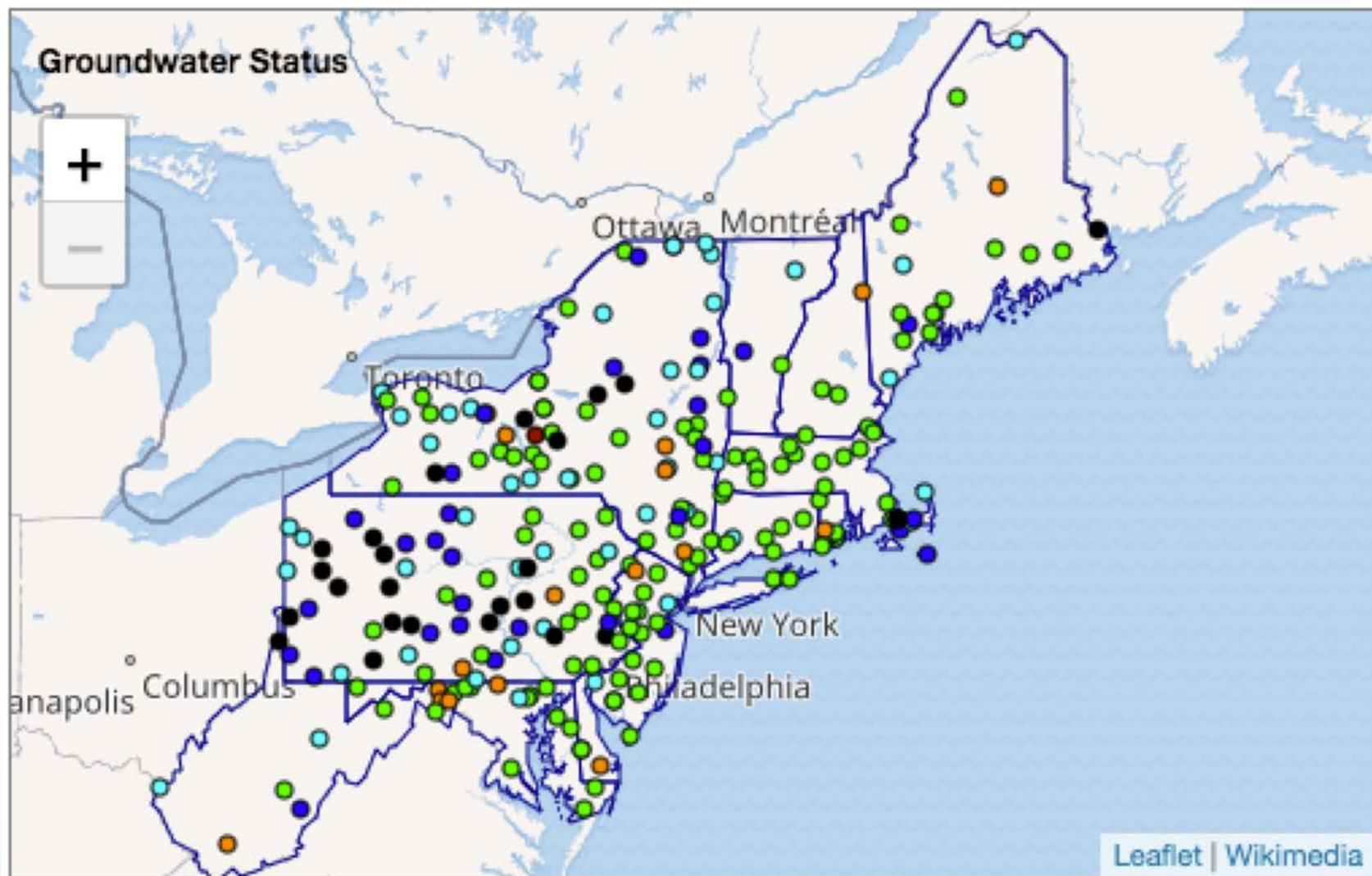


Explanation - Percentile Classes

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](https://waterwatch.usgs.gov/) - Streamflow.





Explanation - Percentile Classes

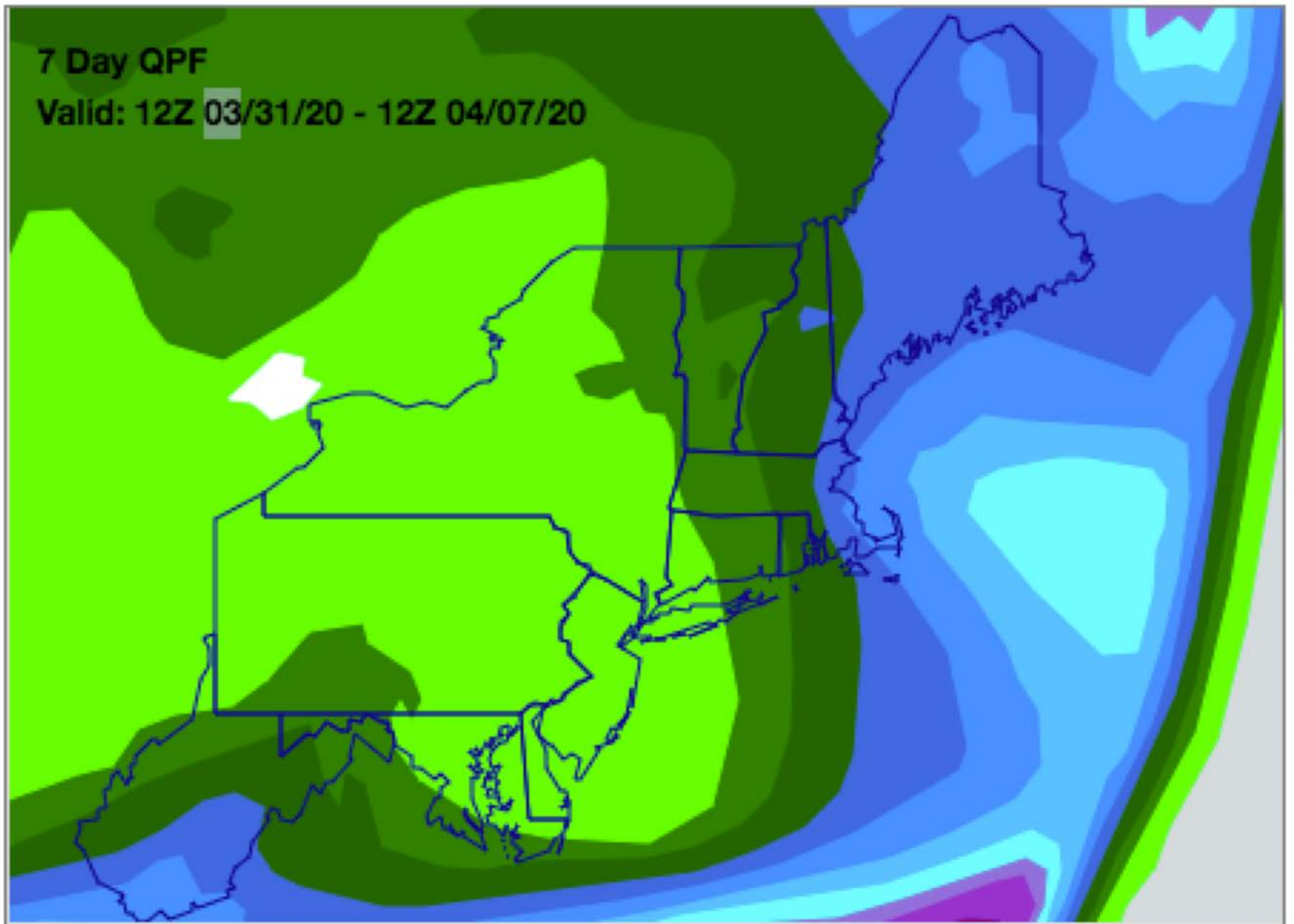
Low	Much below normal	Below normal	Normal	Above normal	Much above normal	High	
	<10%	10-24%	25-75%	76-90%	>90%		

Data provided by [USGS Groundwater Watch](#) - [Climate Response Network](#).



7 Day QPF

Valid: 12Z 03/31/20 - 12Z 04/07/20



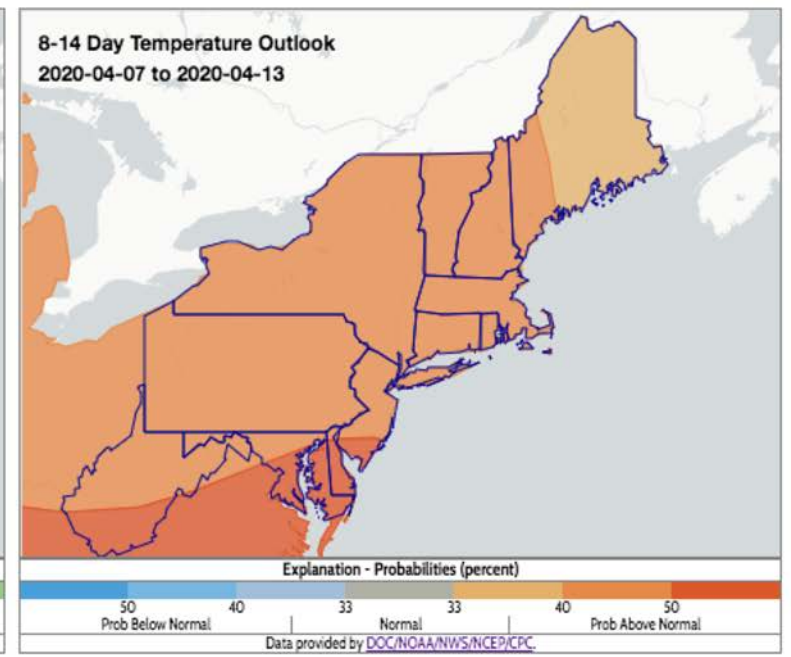
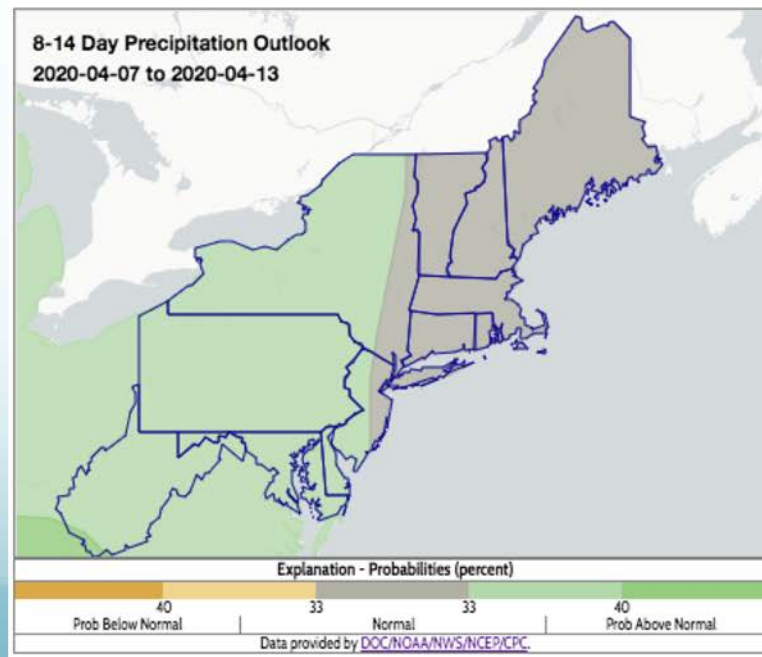
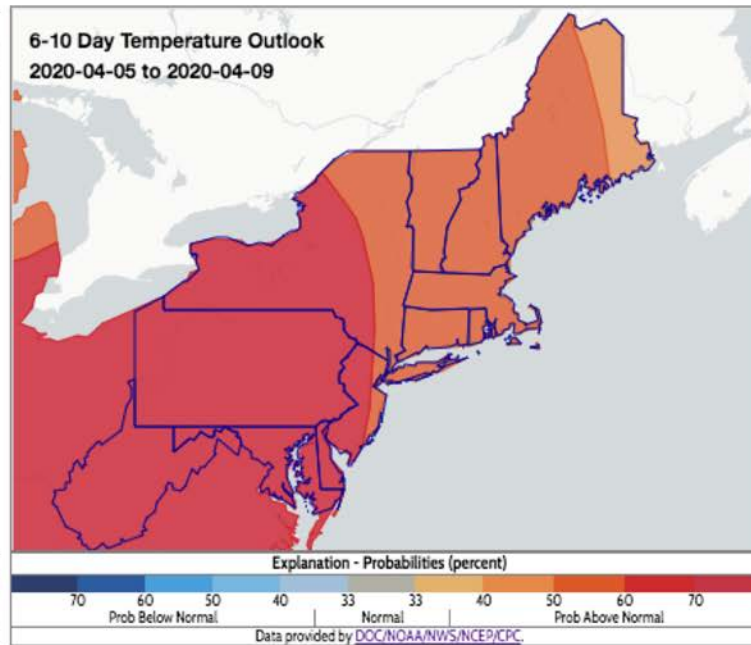
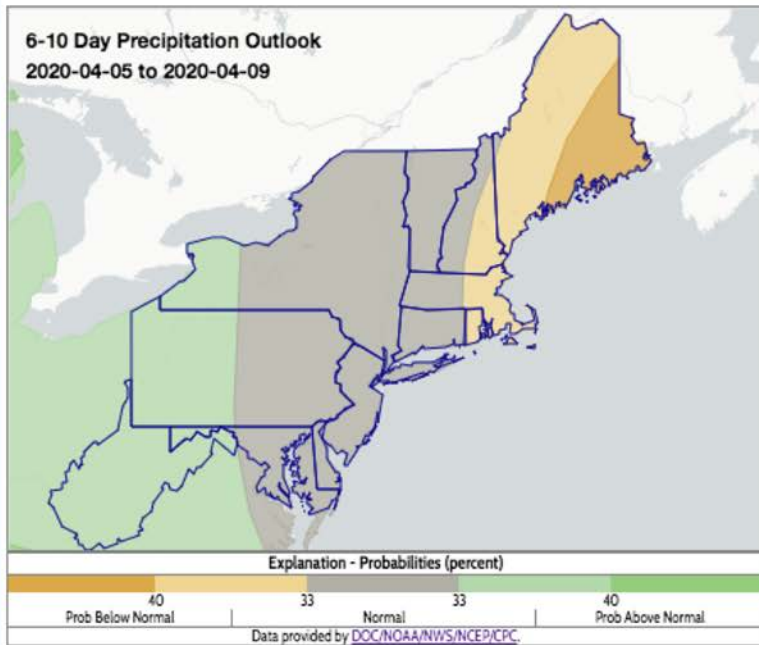
Explanation - Forecast precipitation (inches)



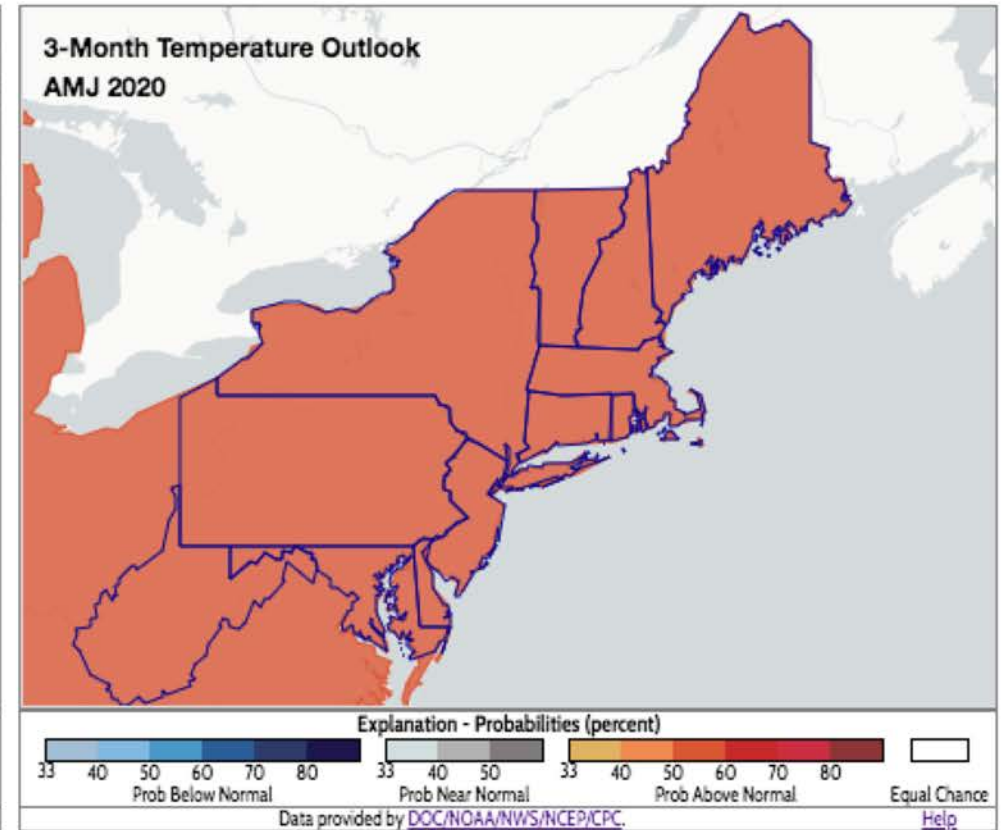
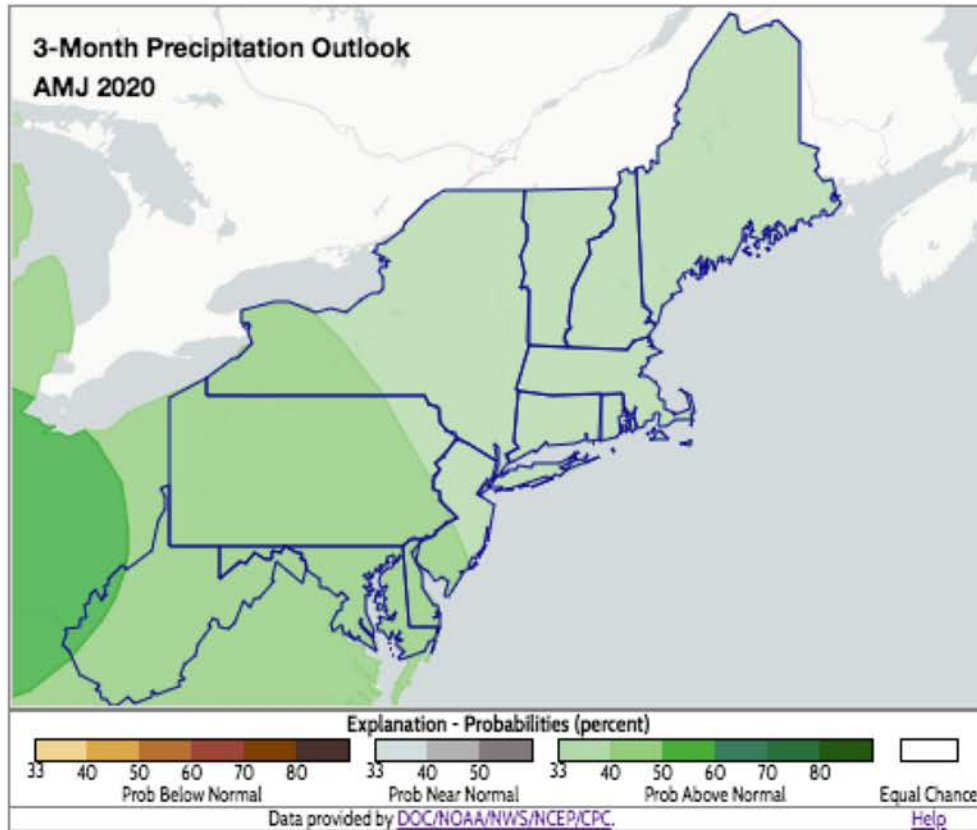
Data provided by [DOC/NOAA/NWS/NCEP/WPC](https://www.noaa.gov/doc/noaa/nws/ncep/wpc)



Short-term Outlooks



Three-Month Outlook



Contact Information

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

Upcoming Webinars

- Thursday, April 30 at 9:30am
 - Rutgers Global Snow Lab and Snow Season Recap
- Thursday, May 28 at 9:30am
 - Phenology/Status of Spring
- Tuesday, June 30 at 9:30am
 - TBD



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