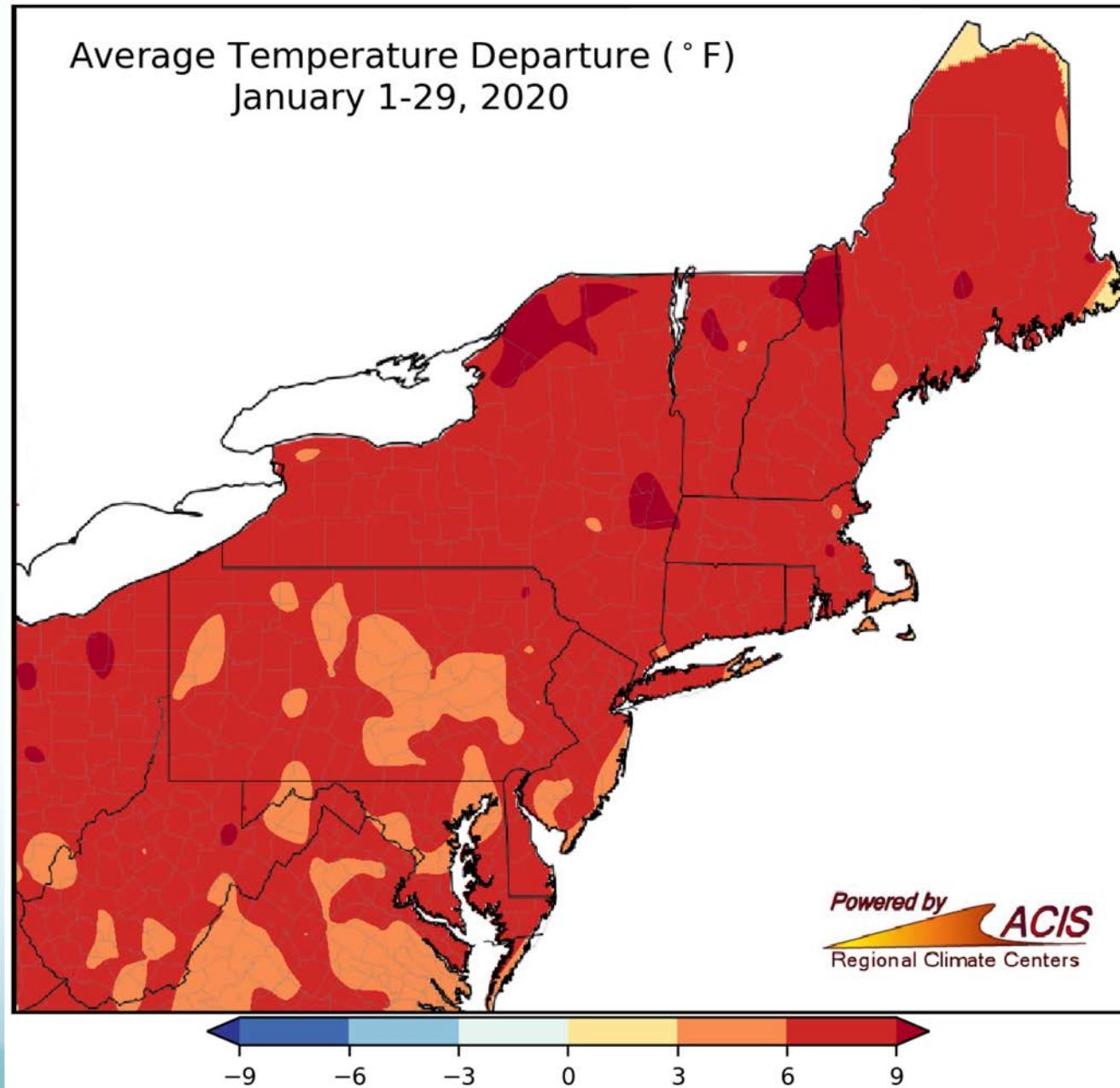


January Conditions & Northeast DEWS Discussion

By: Samantha Borisoff, Climatologist
Northeast Regional Climate Center



January Temperatures



From 3°F to more than 9°F above normal



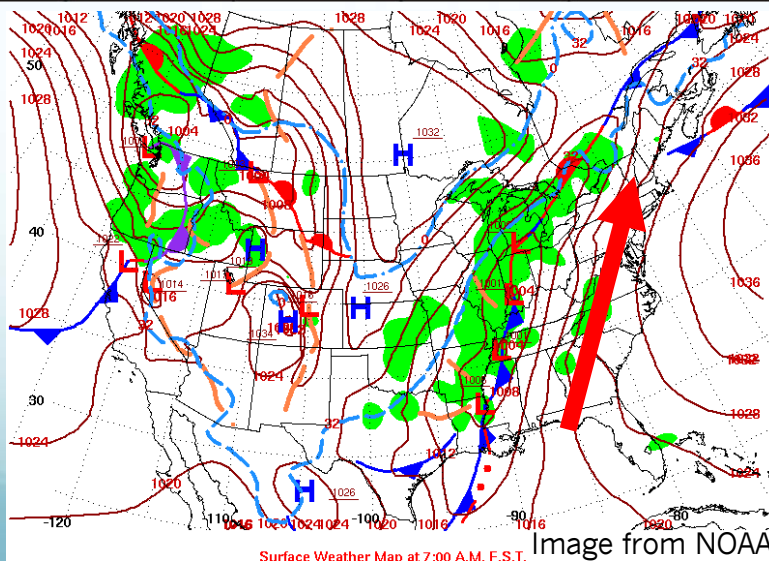
January 11-12 Temperatures

Warmest January day on record for Boston, Bridgeport, and Providence

Among top 5 or 10 warmest January days for other sites

Daily Maximum Temperature Records (°F)				
Station	Date	Max Temp	Normal	Rank for Jan.
Albany, NY	11	67	30	3
Albany, NY	12	67	30	3
Allentown, PA	11	68	36	5
Allentown, PA	12	68	36	5
Atlantic City, NJ	12	70	41	top 10
Binghamton, NY	11	62	29	4
Binghamton, NY	12	61	28	top 10
Boston, MA	11	70	36	3
Boston, MA	12	74	36	1
Bridgeport, CT	12	69	37	1
Buffalo, NY	11	67	31	top 10
Central Park, NY	11	69	38	4
Central Park, NY	12	68	38	top 10
Charleston, WV	11	80	42	2
Concord, NH	12	67	30	4
Elkins, WV	11	71	39	top 10
Erie, PA	11	71	34	5
Harrisburg, PA	12	69	37	top 10

Hartford, CT	11	68	34	4
Hartford, CT	12	70	34	2
Huntington, WV	11	78	42	2
Islip, NY	12	68	38	2
Kennedy Airport, NY	12	68	39	4
LaGuardia Airport, NY	11	66	39	top 10
Newark, NJ	11	70	39	3
Newark, NJ	12	69	39	top 10
Pittsburgh, PA	11	71	35	top 10
Portland, ME	11	63	31	top 10
Providence, RI	11	65	37	top 10
Providence, RI	12	70	37	1
Scranton, PA	11	67	33	top 10
Scranton, PA	12	68	33	4
Williamsport, PA	11	66	34	4
Williamsport, PA	12	65	34	top 10
Wilmington, DE	12	70	40	5
Worcester, MA	12	66	31	3



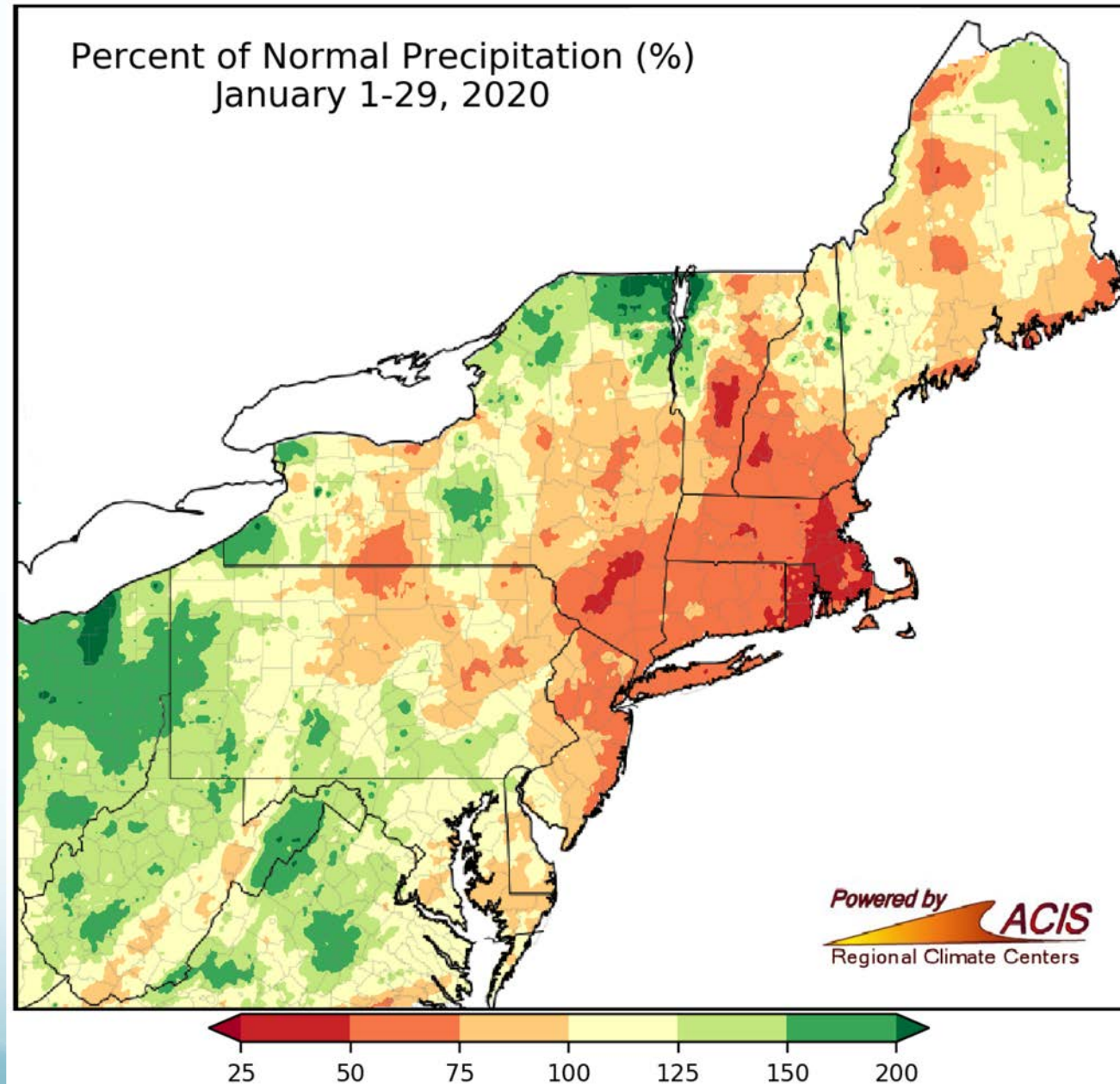
January 11-12 Temperatures

<i>Daily High Minimum Temperature Records (°F)</i>				
Station	Date	Min Temp	Normal	Rank for Jan.
Albany, NY	11	46	14	top 10
Beckley, WV	11	56	23	2
Boston, MA	11	49	22	top 10
Charleston, WV	11	59	26	top 10
Elkins, WV	11	56	19	4
Huntington, WV	11	59	25	5
Islip, NY	11	50	23	3

Among top 5 or 10 warmest January min temps for some sites



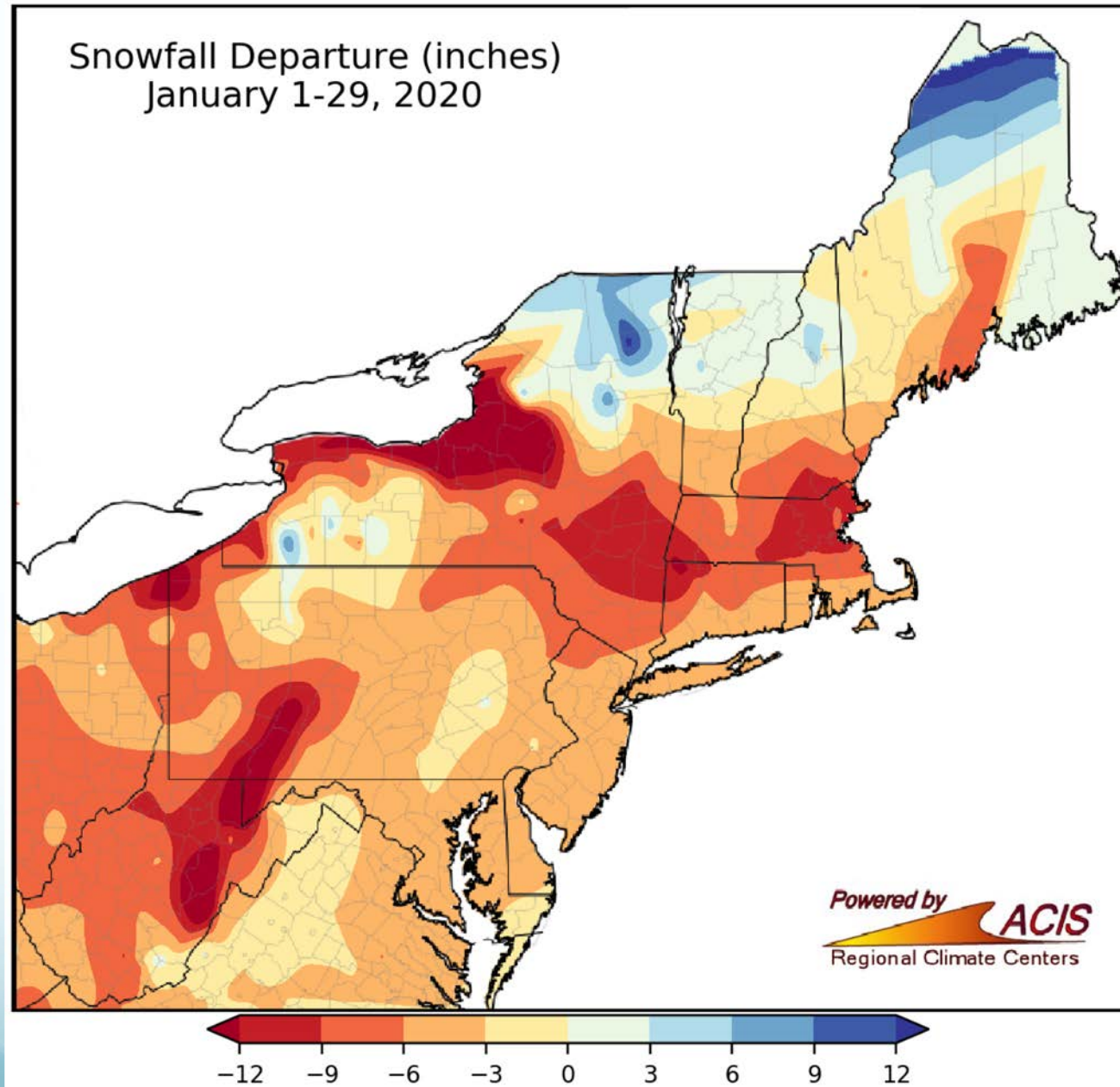
January Precipitation



From 25% of normal to 200% of normal



January Snowfall



From more than 12" below normal to more than 12" above normal

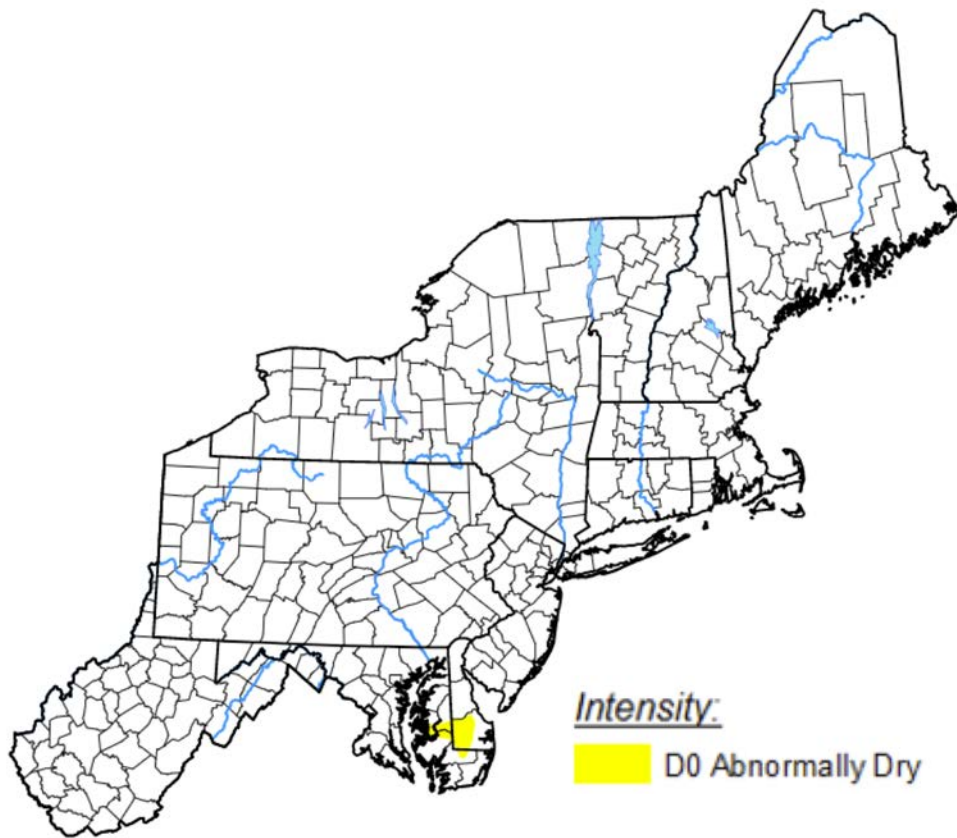
Late First Inch of Snow

Location	Average Date of First Inch of Snow (based on 1981-2010)	This Year	Latest	Rank (Latest)
Harrisburg, PA	Dec. 19	Jan. 7	Feb. 13	15
Dulles Ap, VA	Dec. 25	Jan. 7	Apr. 12	17
Washington, DC	Dec. 28		Mar. 25	10 (as of Jan. 30)
Wilmington, DE	Dec. 28		Feb. 8	5 (as of Jan. 30)
Philadelphia, PA	Dec. 30		Mar. 22	10 (as of Jan. 30)
Baltimore, MD	Dec. 31	Jan. 7	Mar. 13	
LaGuardia Ap, NY	Jan. 1	Jan. 18	Mar. 22	13
Kennedy Ap, NY	Jan. 2	Jan. 18	Mar. 22	15
Atlantic City, NJ	Jan. 4		Feb. 24	7 (as of Jan. 30)

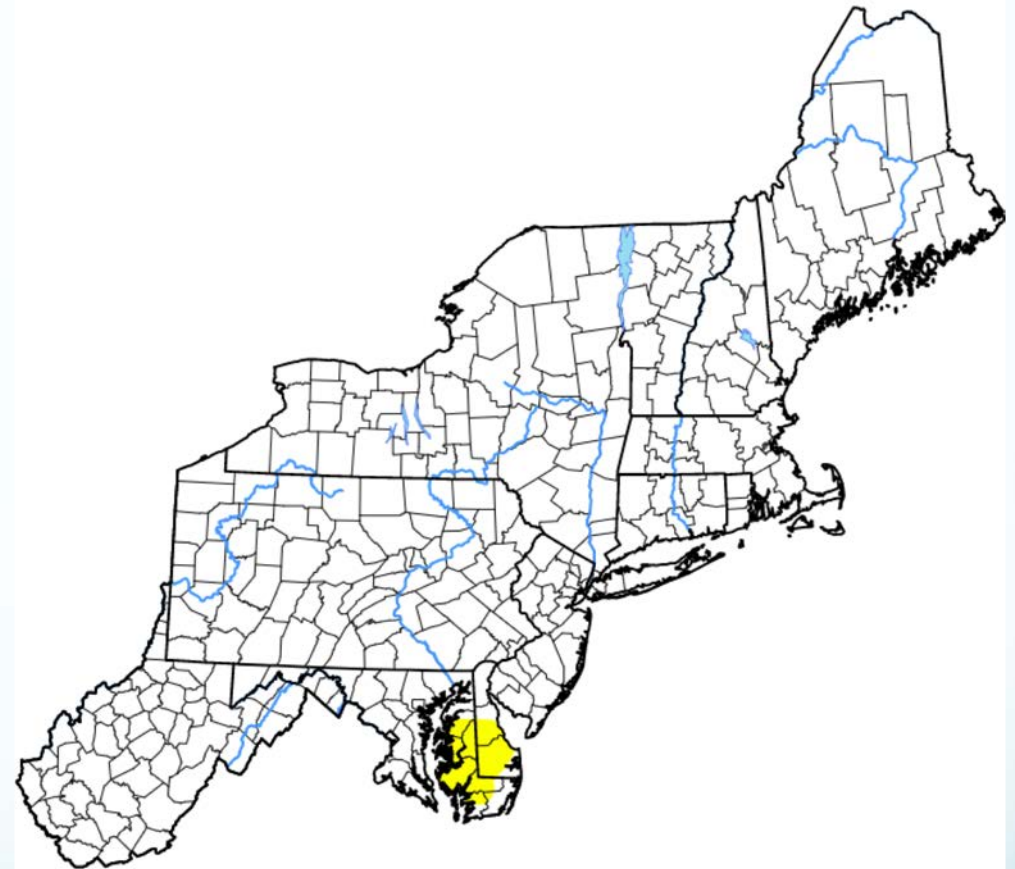
First inch of snow is late for some sites



Drought Monitor



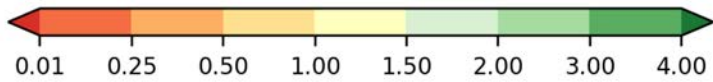
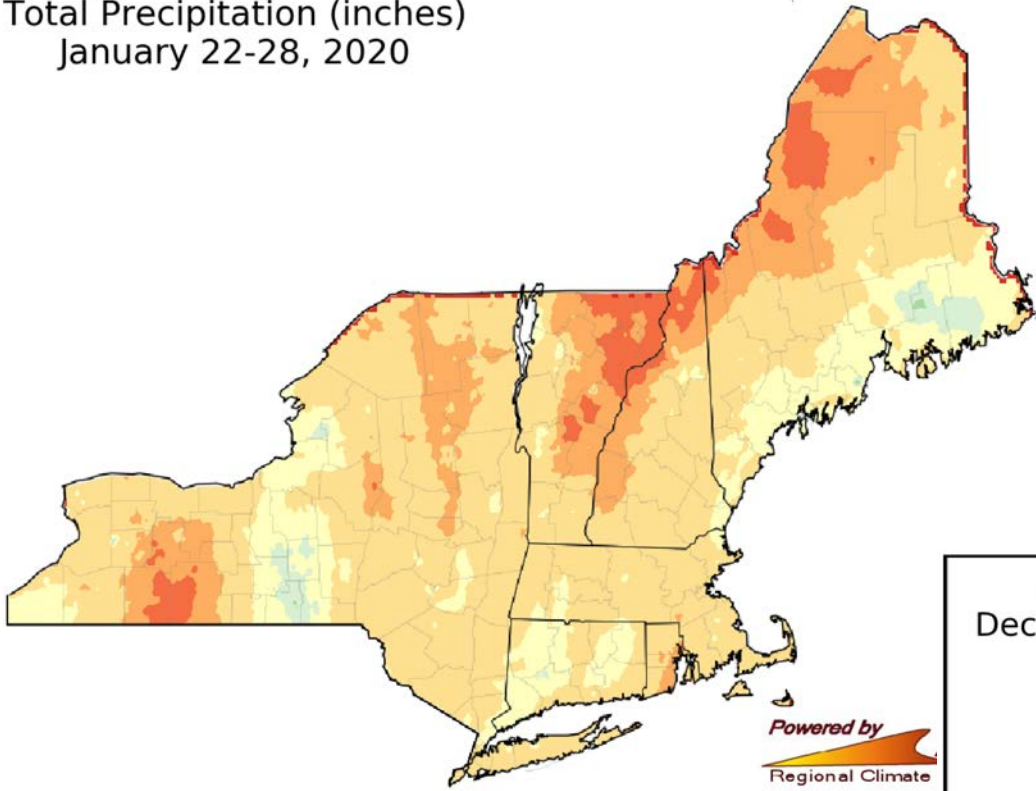
As of January 2:
Less than 1% of the
region was abnormally dry



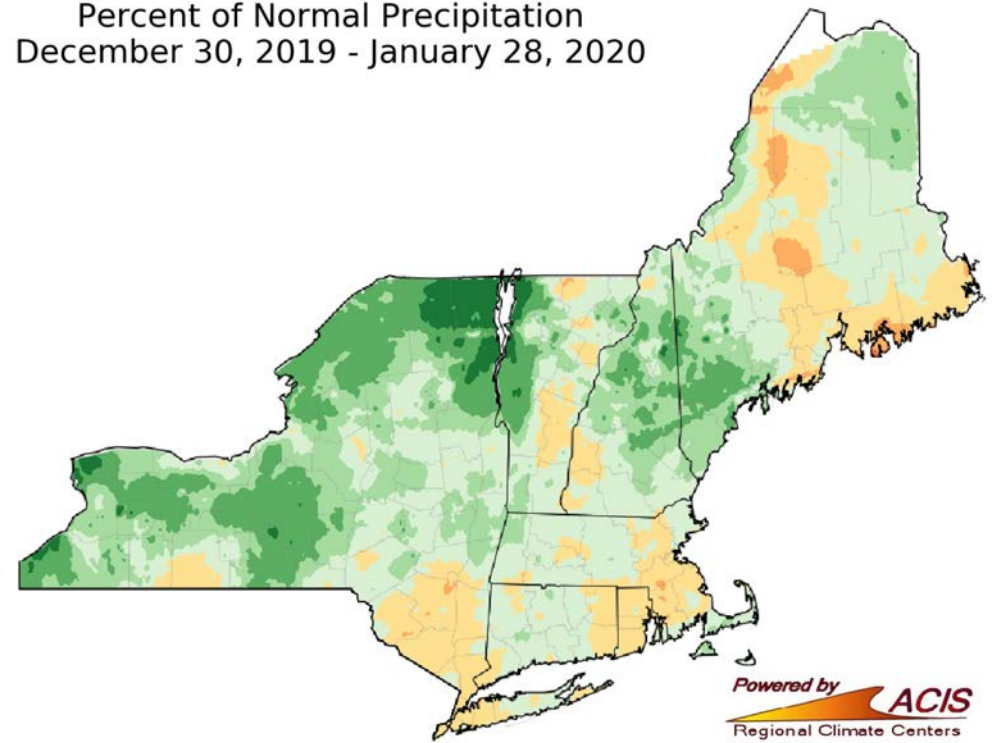
As of January 30:
2% of the region was
abnormally dry



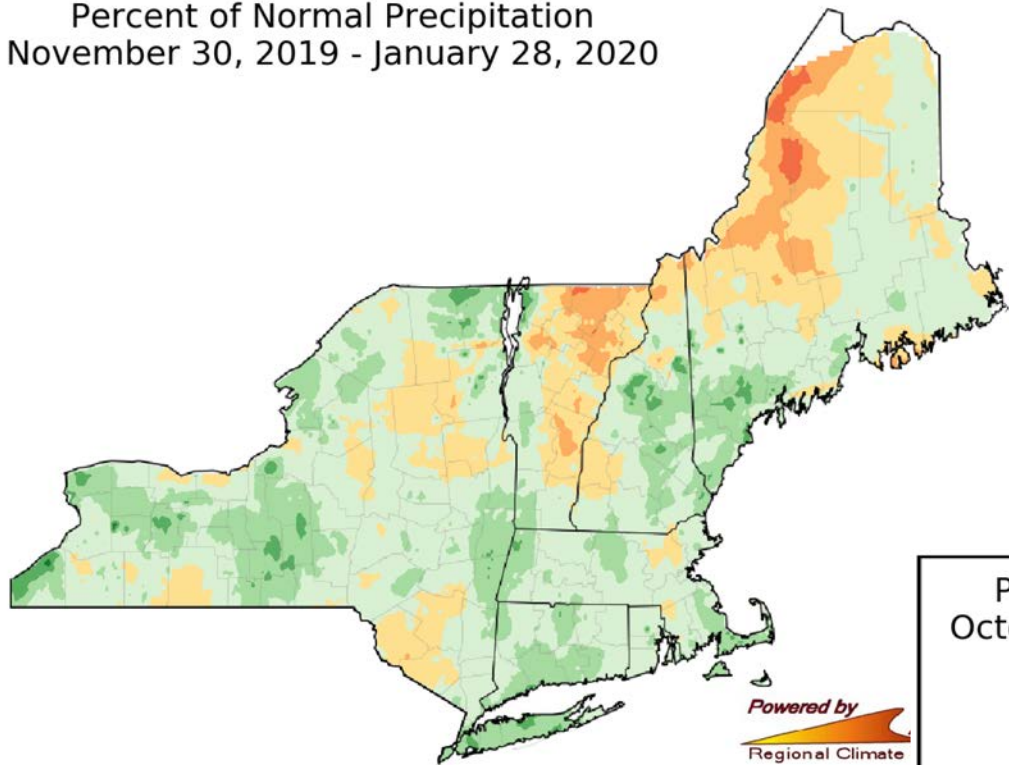
Total Precipitation (inches)
January 22-28, 2020



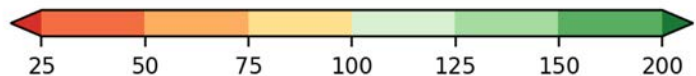
Percent of Normal Precipitation
December 30, 2019 - January 28, 2020



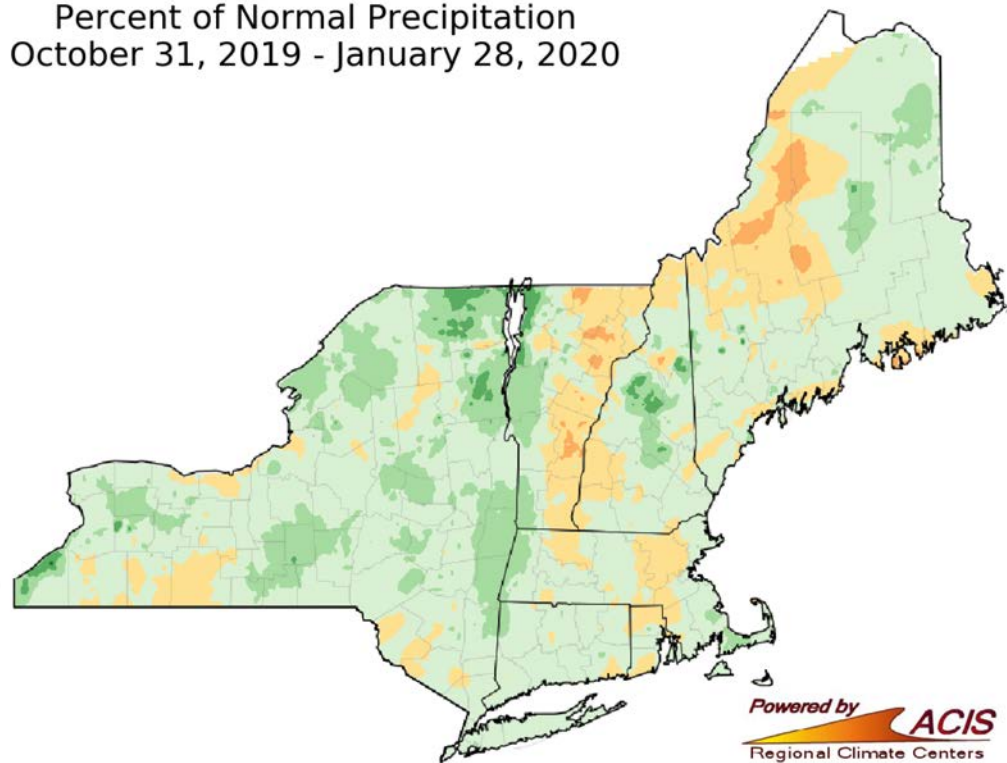
Percent of Normal Precipitation
November 30, 2019 - January 28, 2020



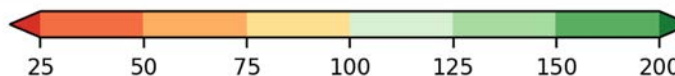
Powered by
Regional Climate

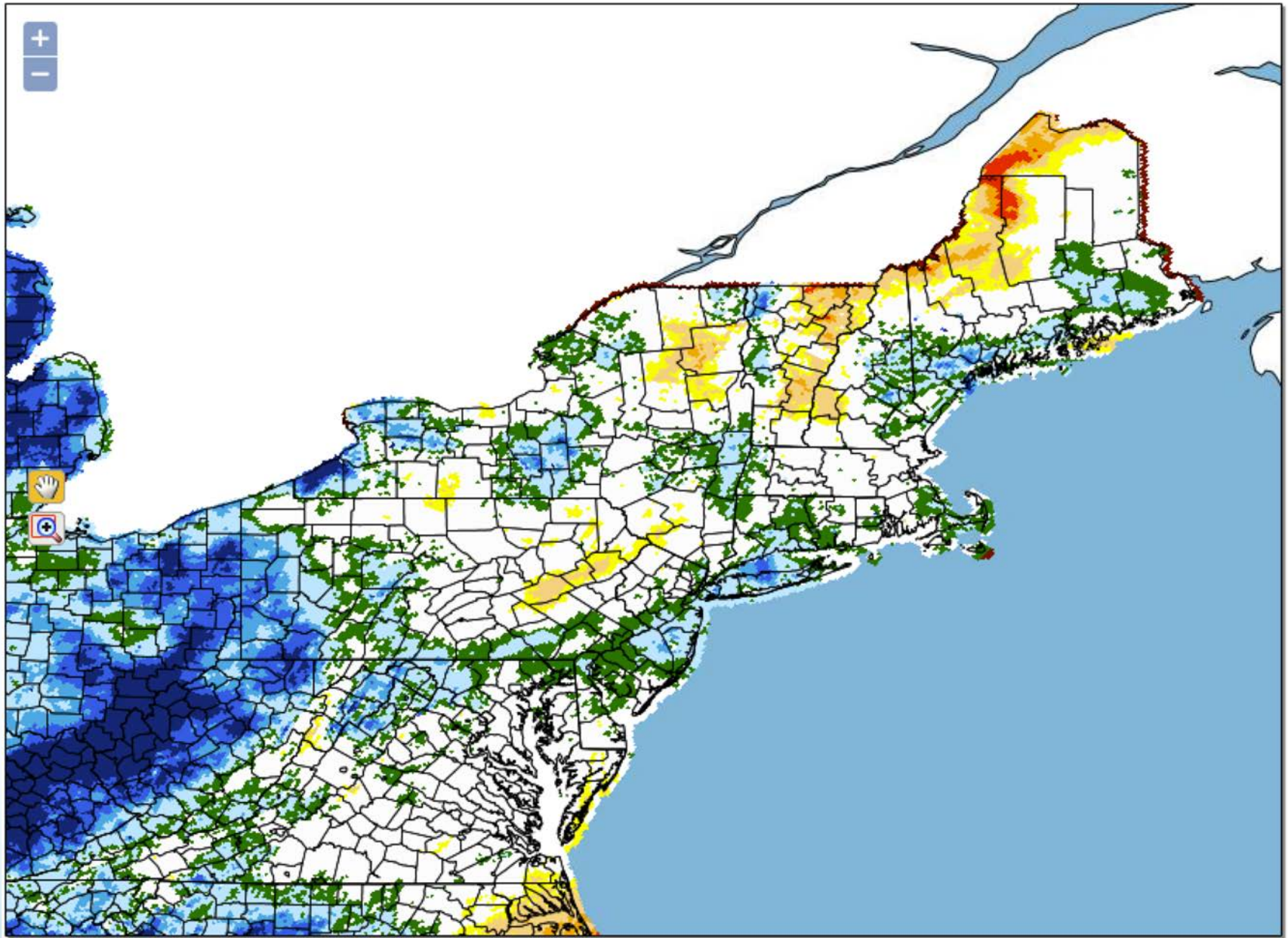


Percent of Normal Precipitation
October 31, 2019 - January 28, 2020



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ACIS
Regional Climate Centers





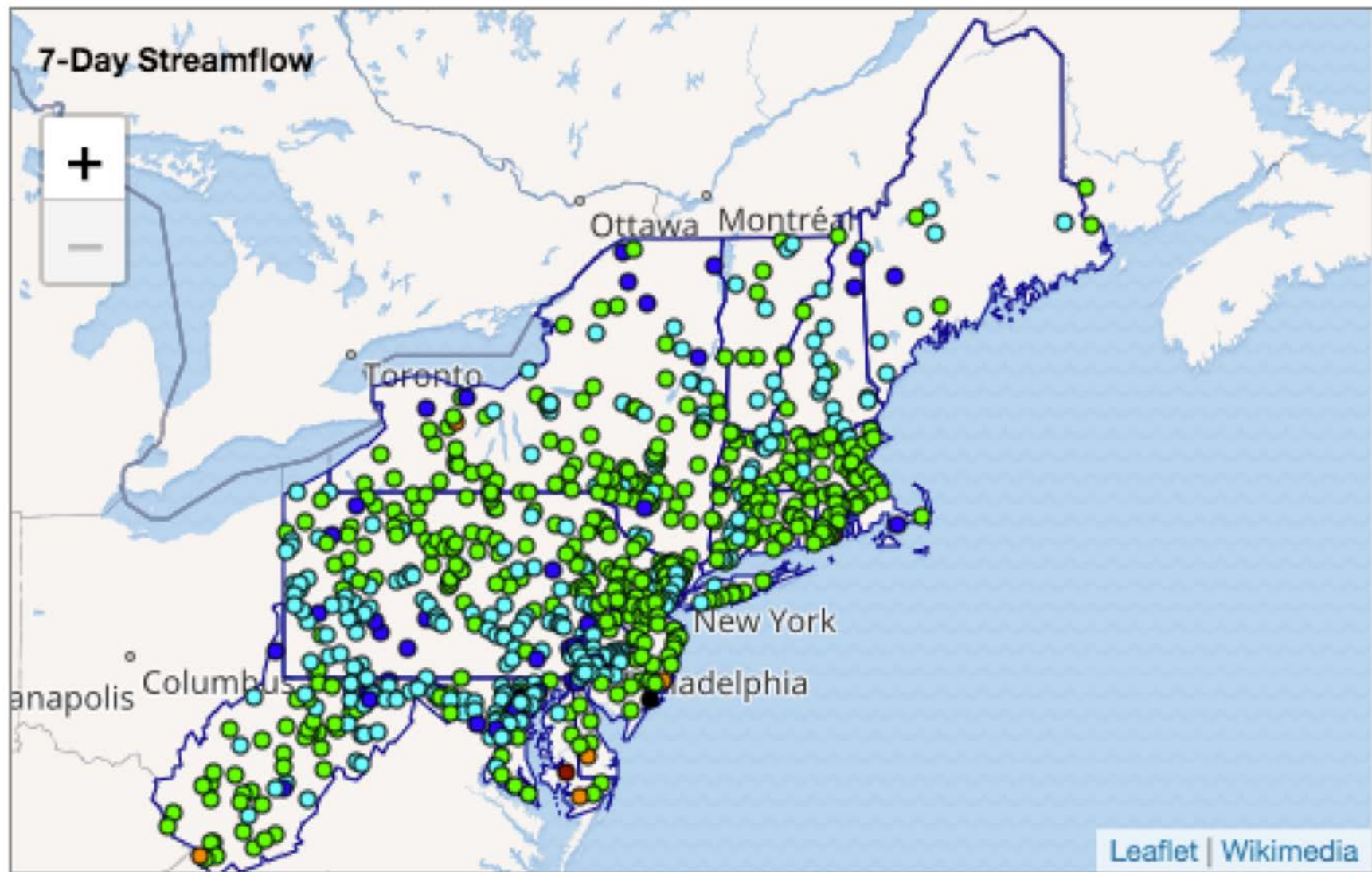
60 day SPI for January 29, 2020



Transparency:

[DOWNLOAD GEOTIFF](#)



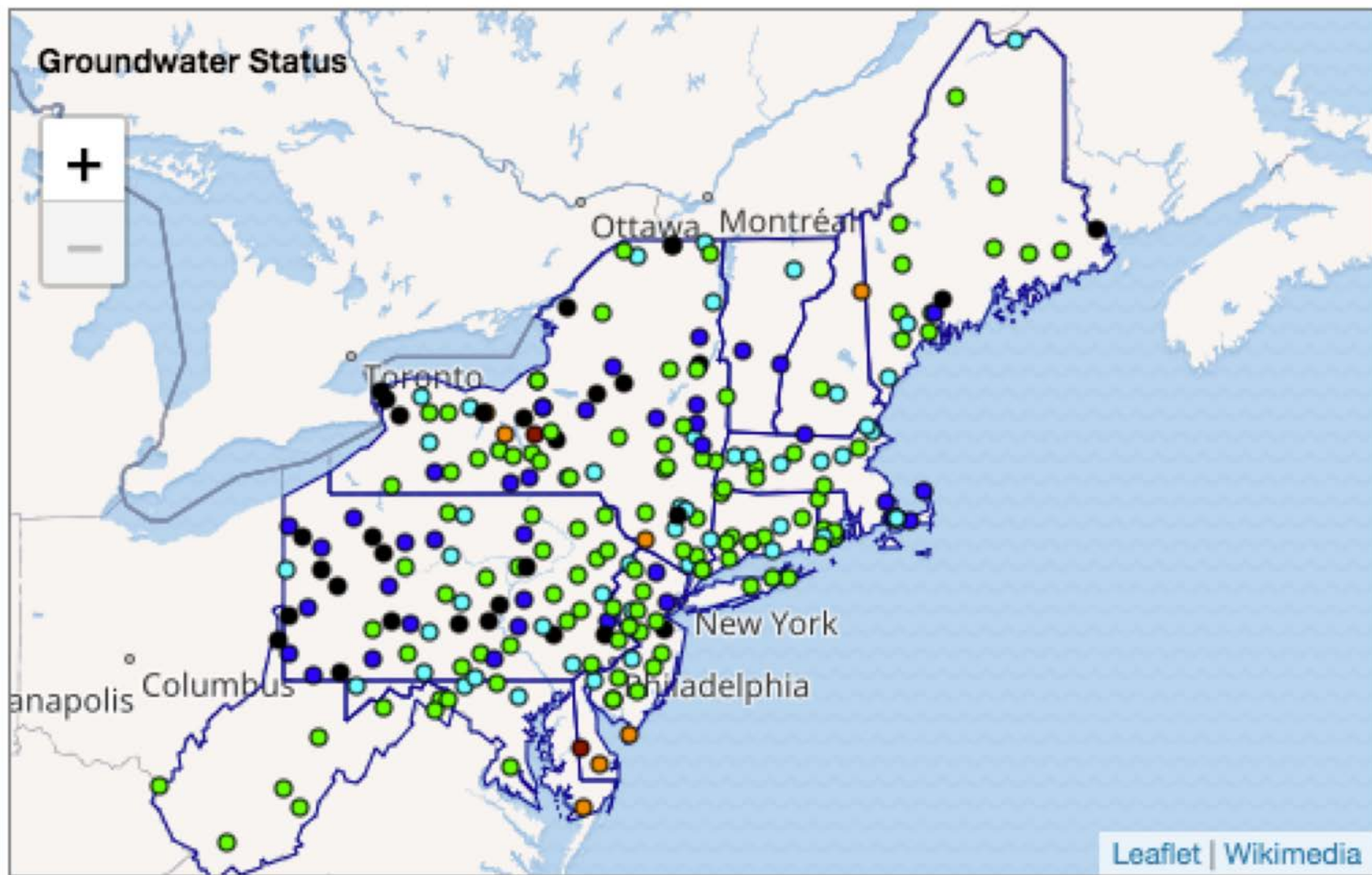


Explanation - Percentile Classes

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](#).





Explanation - Percentile Classes

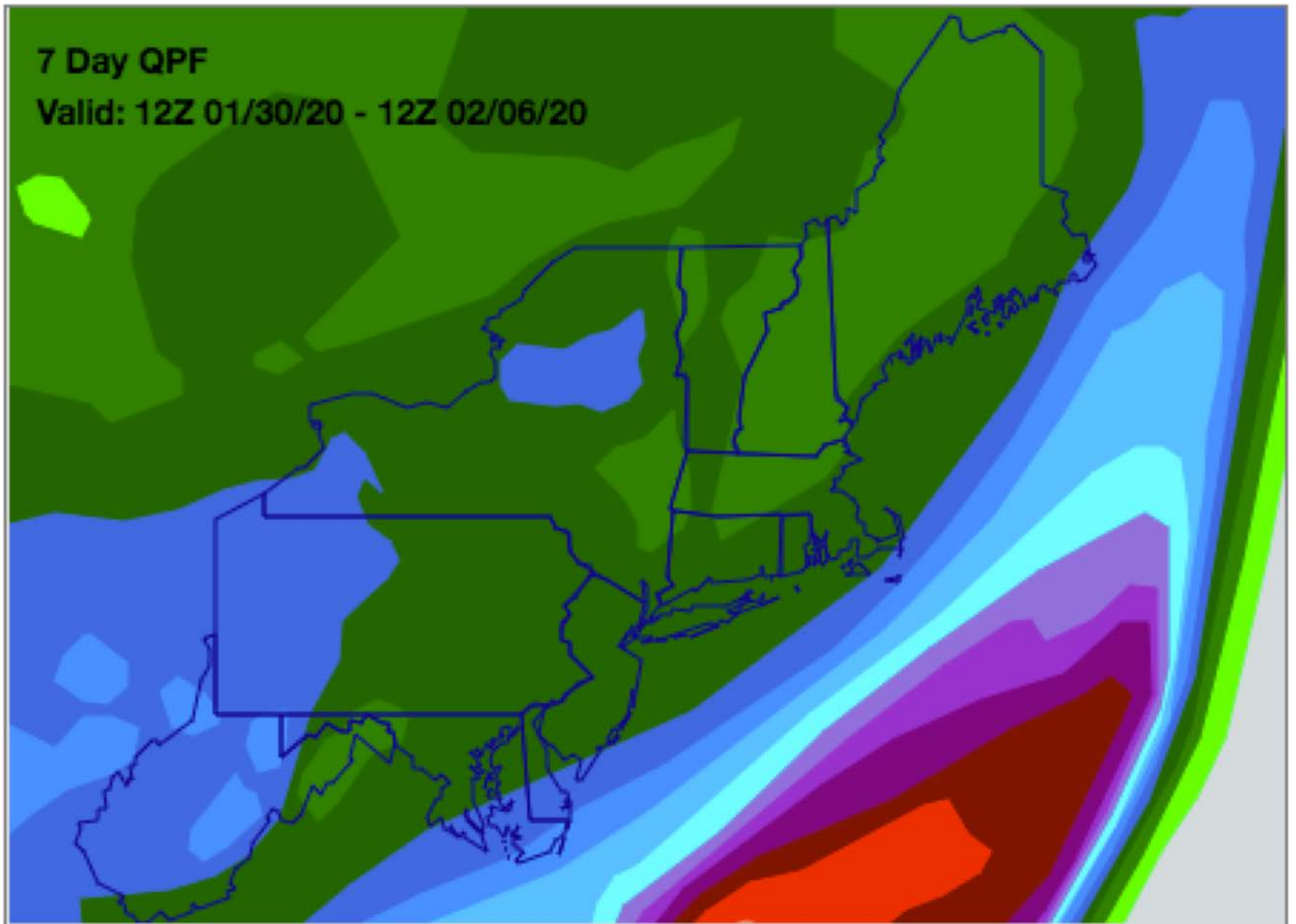
Low	Much below normal	Below normal	Normal	Above normal	Much above normal	High	
	<10%	10-24%	25-75%	76-90%	>90%		

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

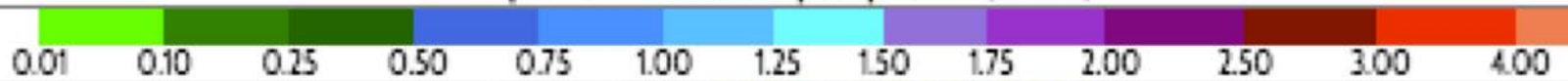


7 Day QPF

Valid: 12Z 01/30/20 - 12Z 02/06/20



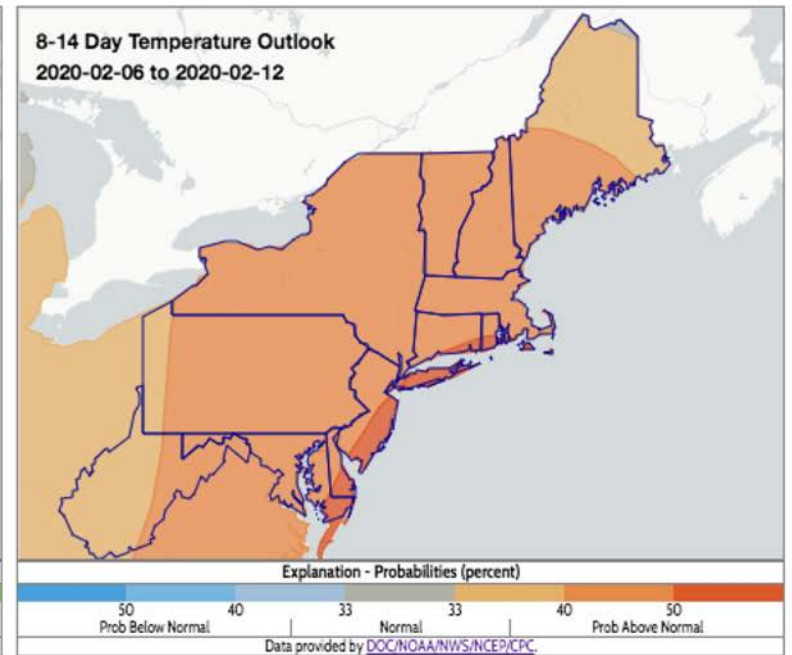
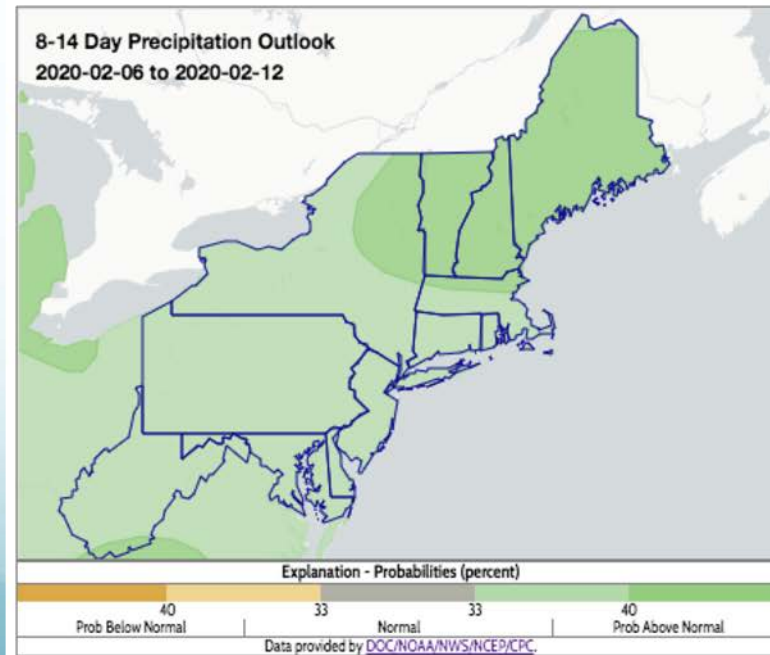
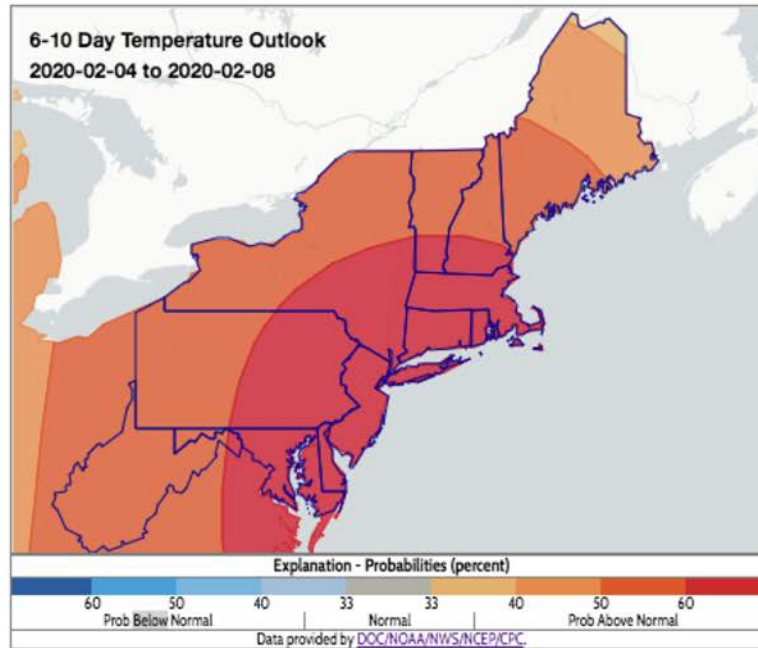
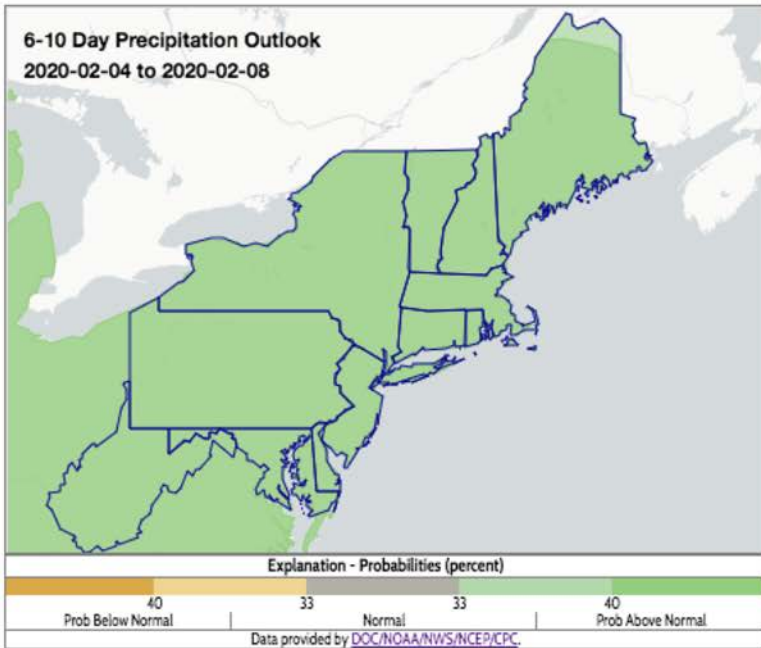
Explanation - Forecast precipitation (inches)



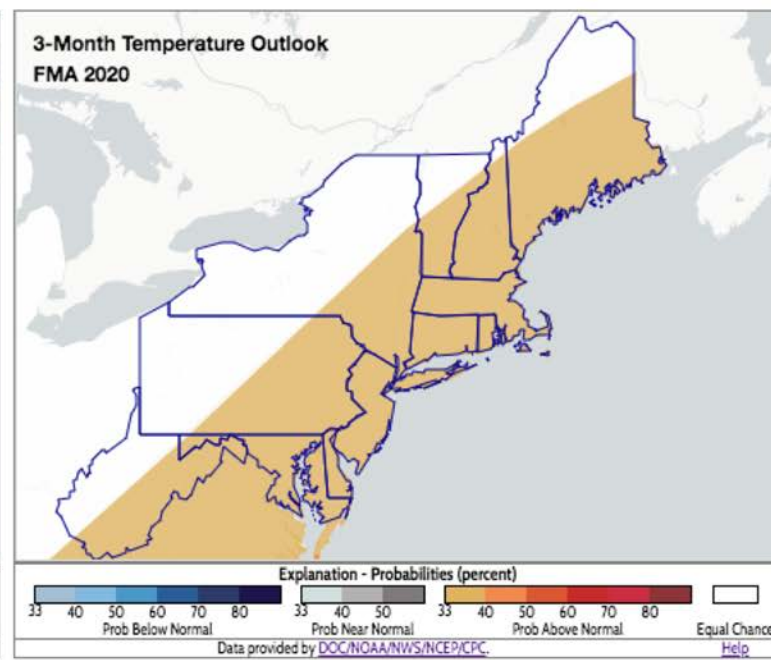
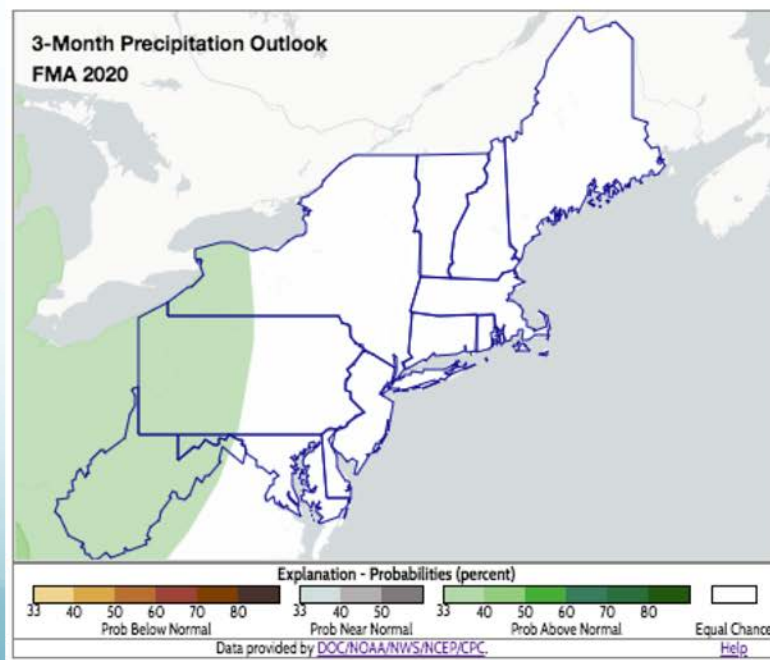
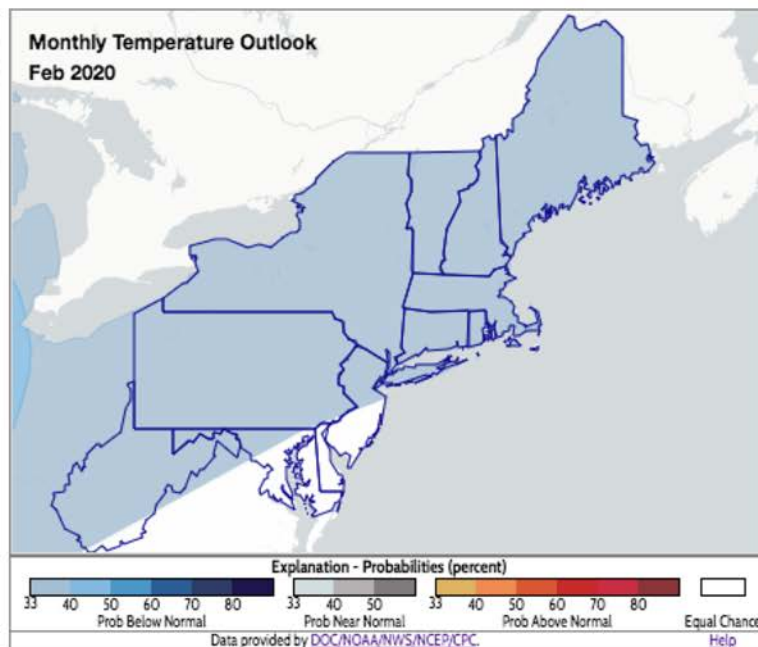
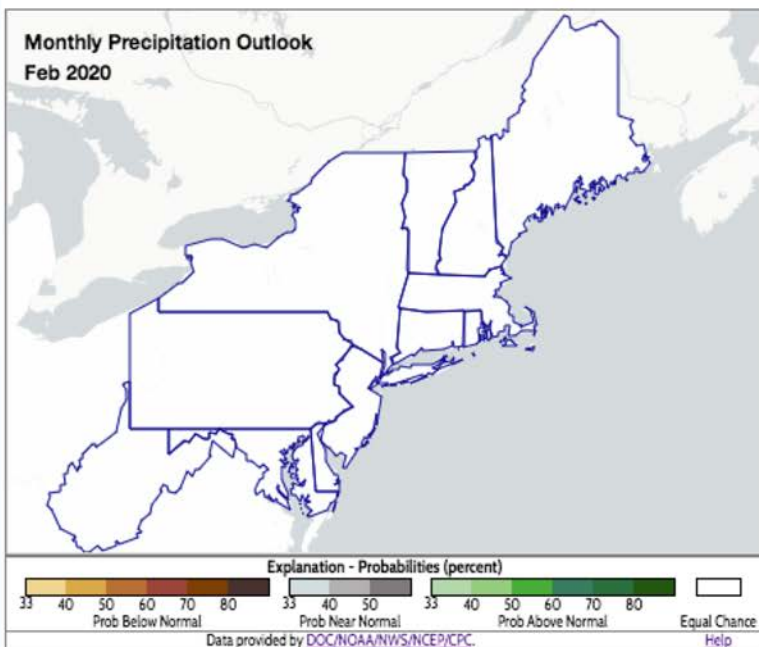
Data provided by [DOC/NOAA/NWS/NCEP/WPC](https://www.noaa.gov/doc/noaa/nws/ncep/wpc)



Short-term Outlooks



Monthly & 3-Month Outlooks



Contact Information

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

Upcoming Webinars

- Thursday, February 27 at 9:30am
 - Ocean Salinity & Sub-seasonal to Seasonal Forecasting
- Tuesday, March 31 at 9:30am
 - Spring Flood Outlook



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