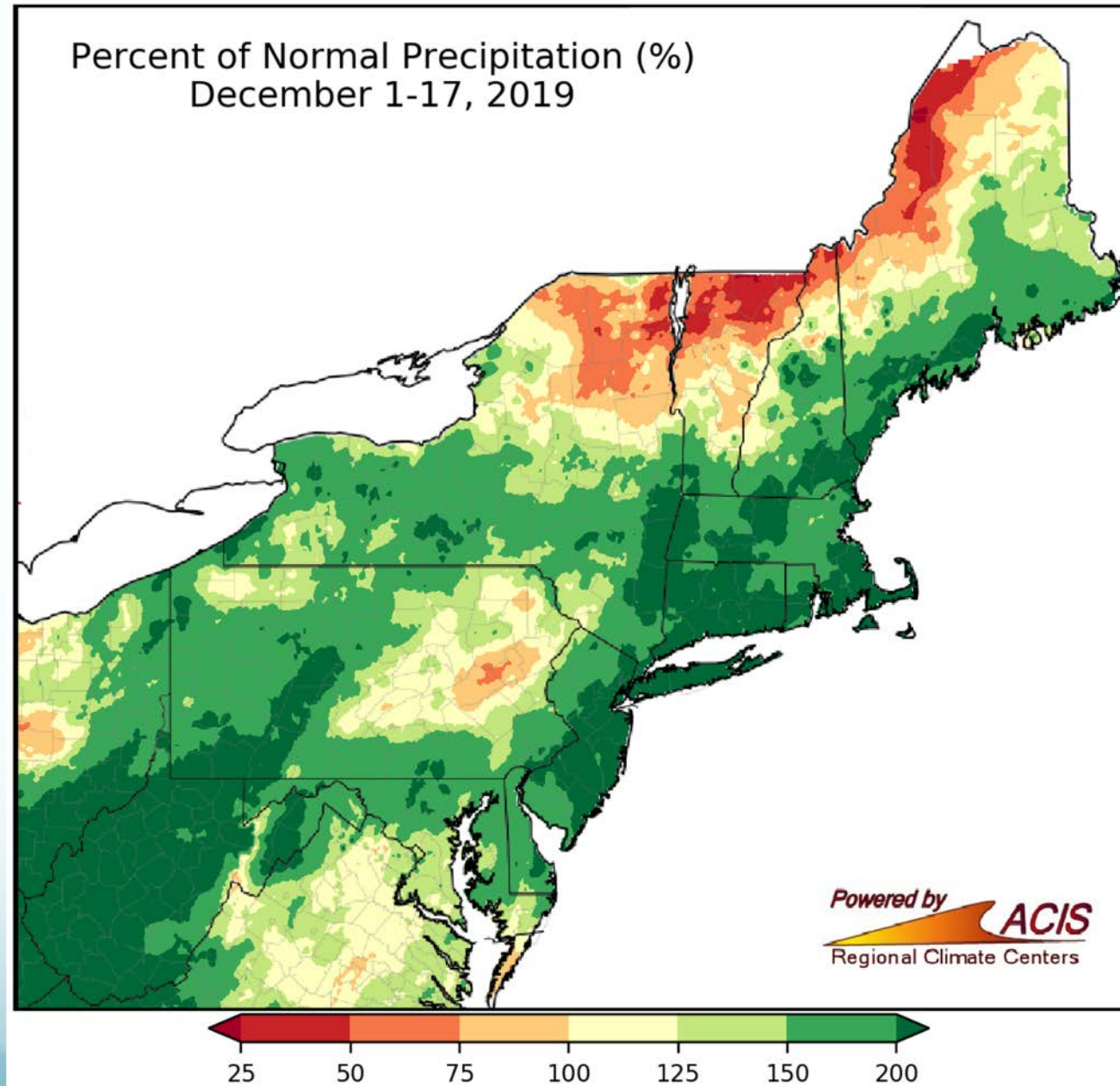


# December Review & Northeast DEWS Discussion

By: Samantha Borisoff, Climatologist  
Northeast Regional Climate Center



# December Precipitation



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

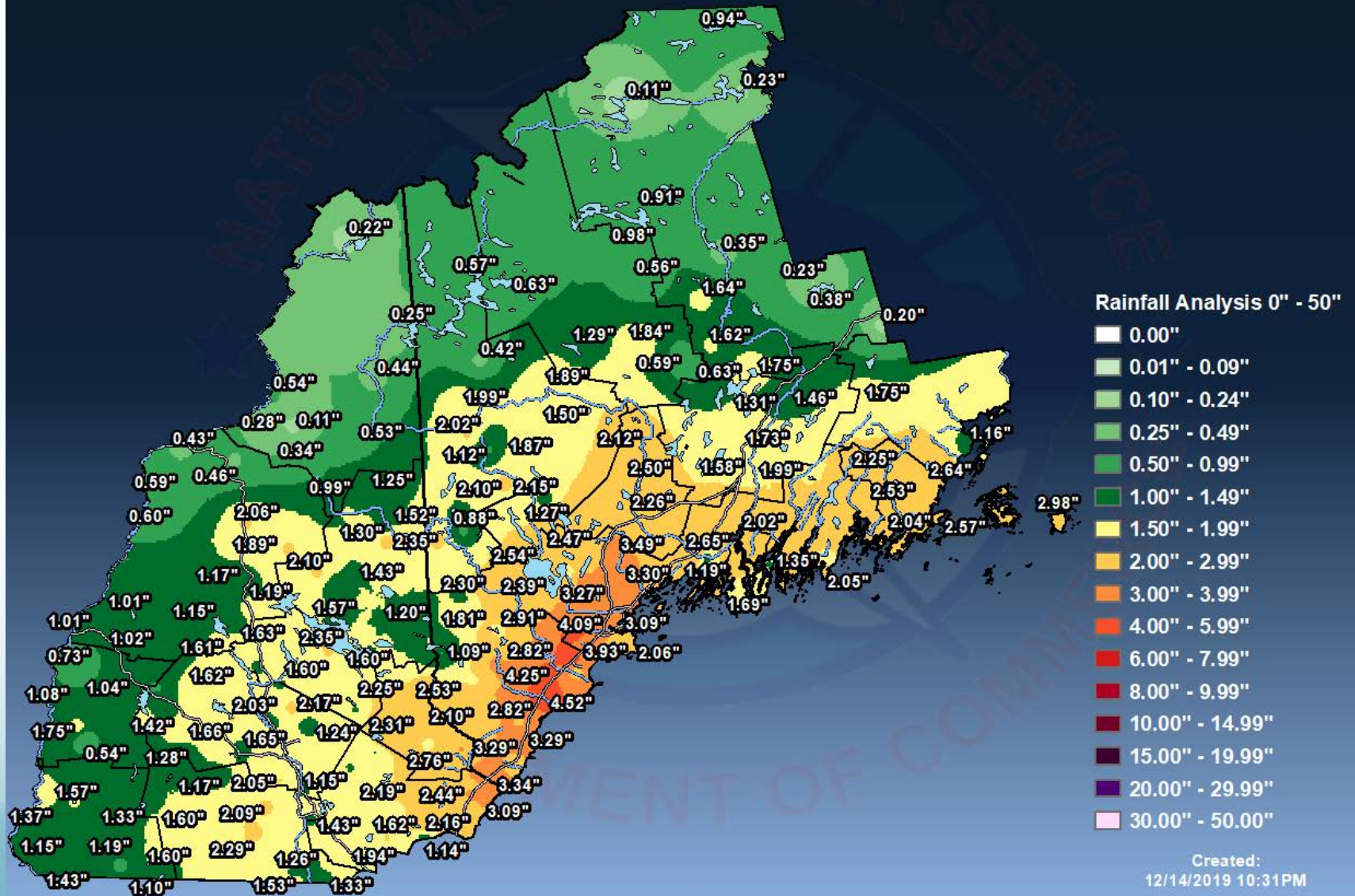


# December Precipitation

National Weather Service Gray/Portland Maine

Rainfall December 13-14

Analysis Data Source: Regional Observations



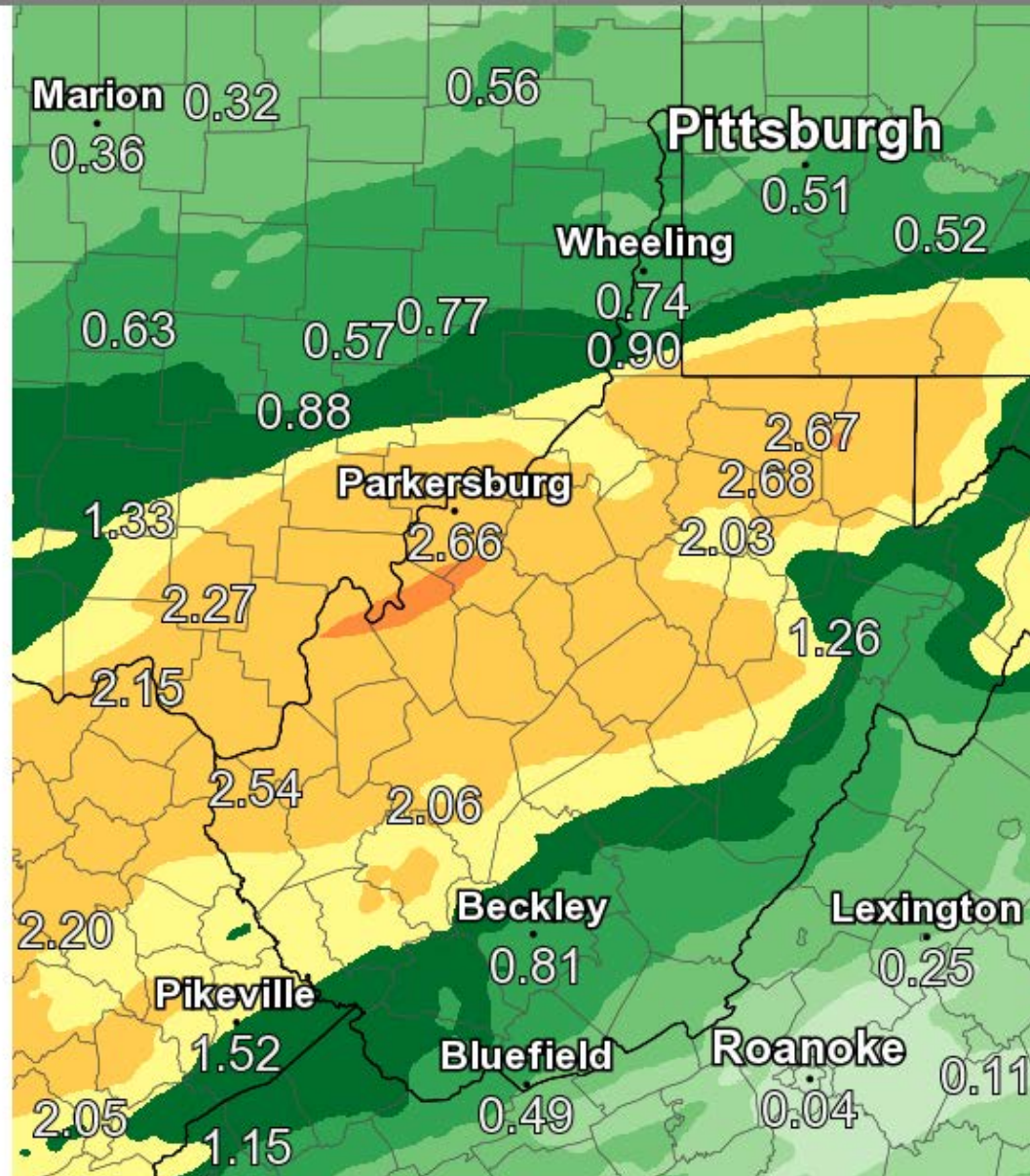
This is an experimental product. Care should be taken in using the data. Unofficial observations are plotted. Values at interpolated locations may not represent actual precipitation totals at that location.

# December Precipitation



## Observed Precipitation

Valid Ending Tuesday December 17th, 2019 at 6 PM EST



Graphic Created  
December 17th, 2019  
6:10 PM EST

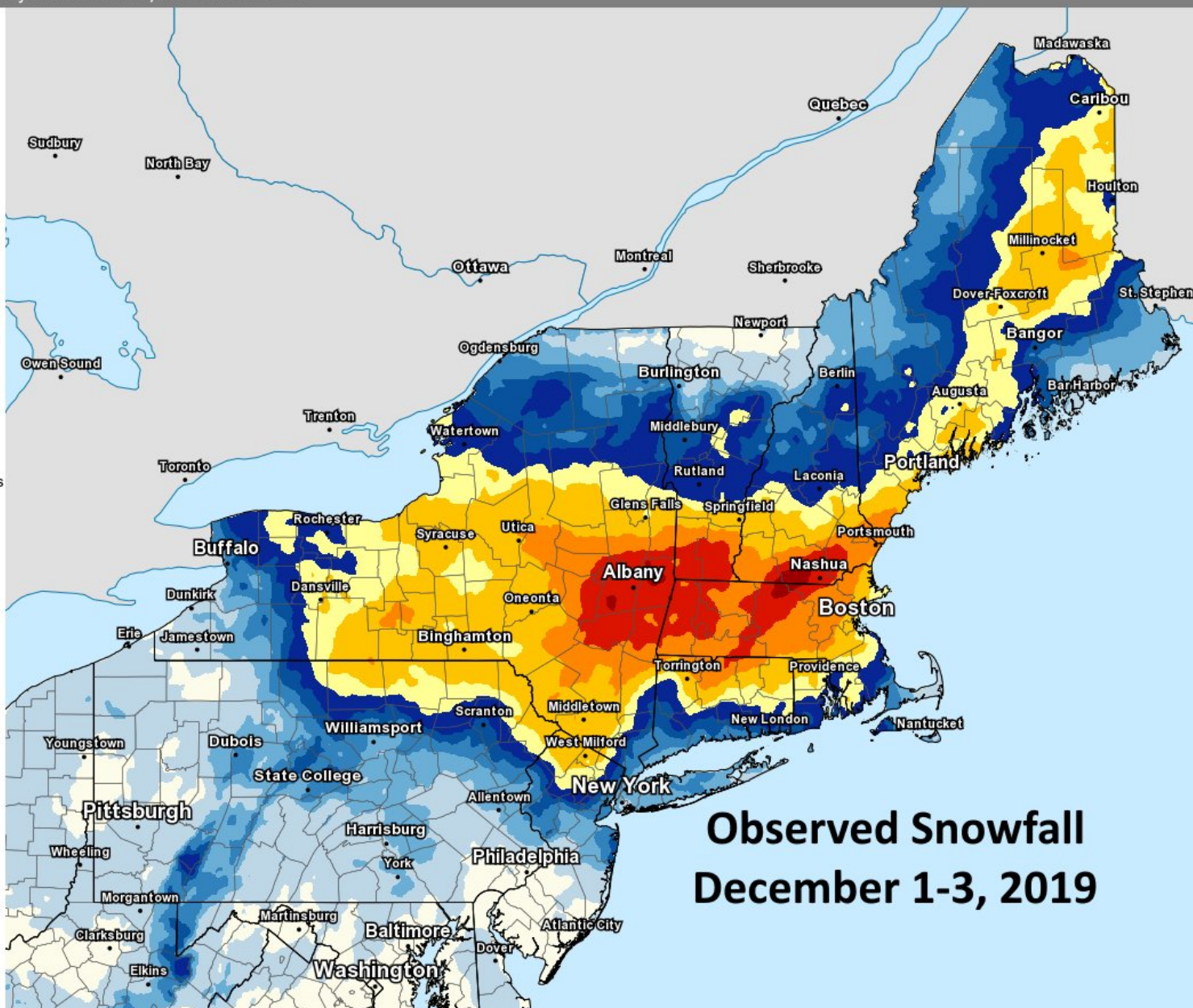


# December Snowfall



## Observed Snowfall

Valid Ending Wednesday December 4th, 2019 at 7 AM EST

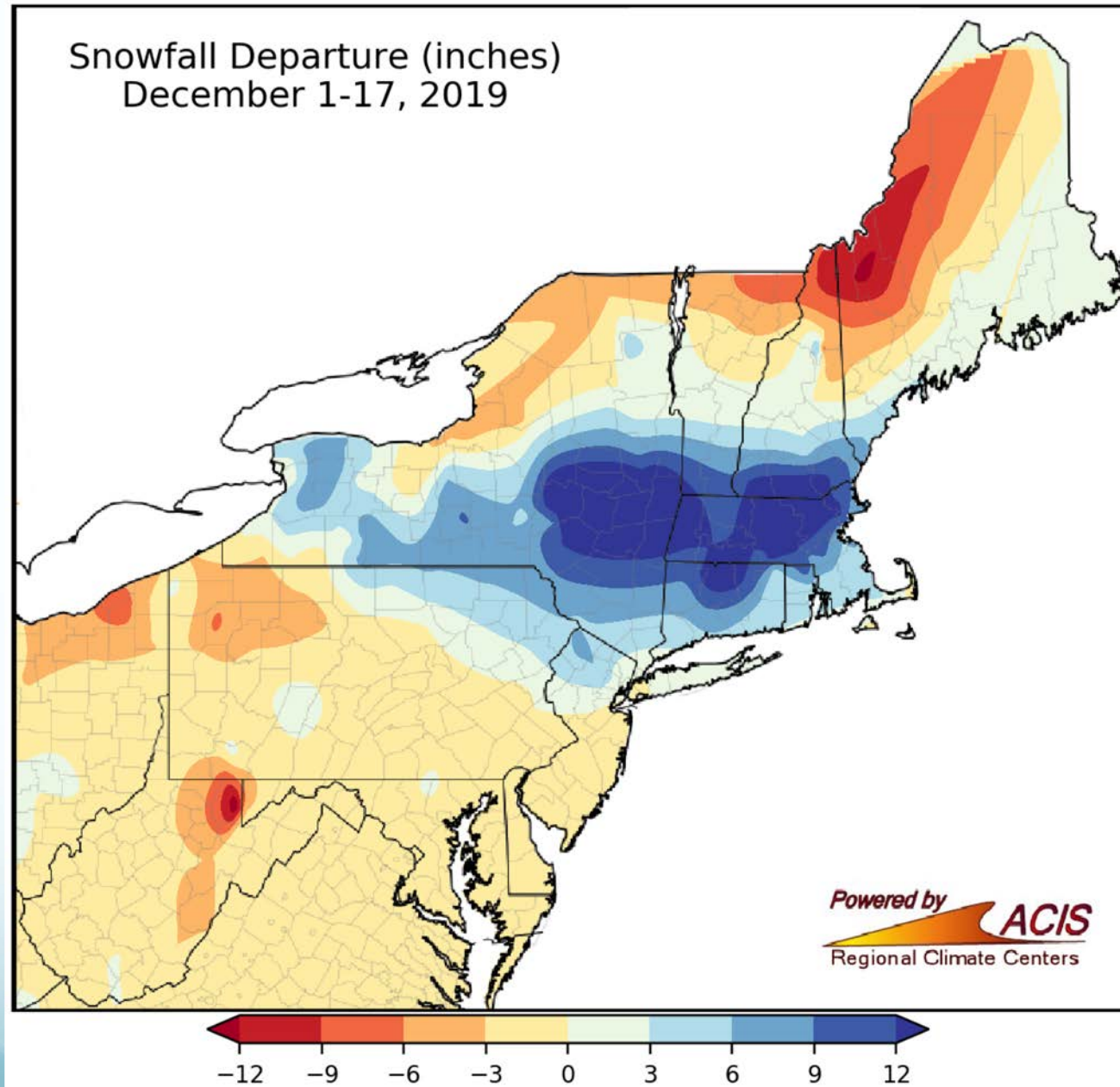


**Observed Snowfall  
December 1-3, 2019**



Graphic Created  
December 5th, 2019  
11:15 AM EST

# December Snowfall



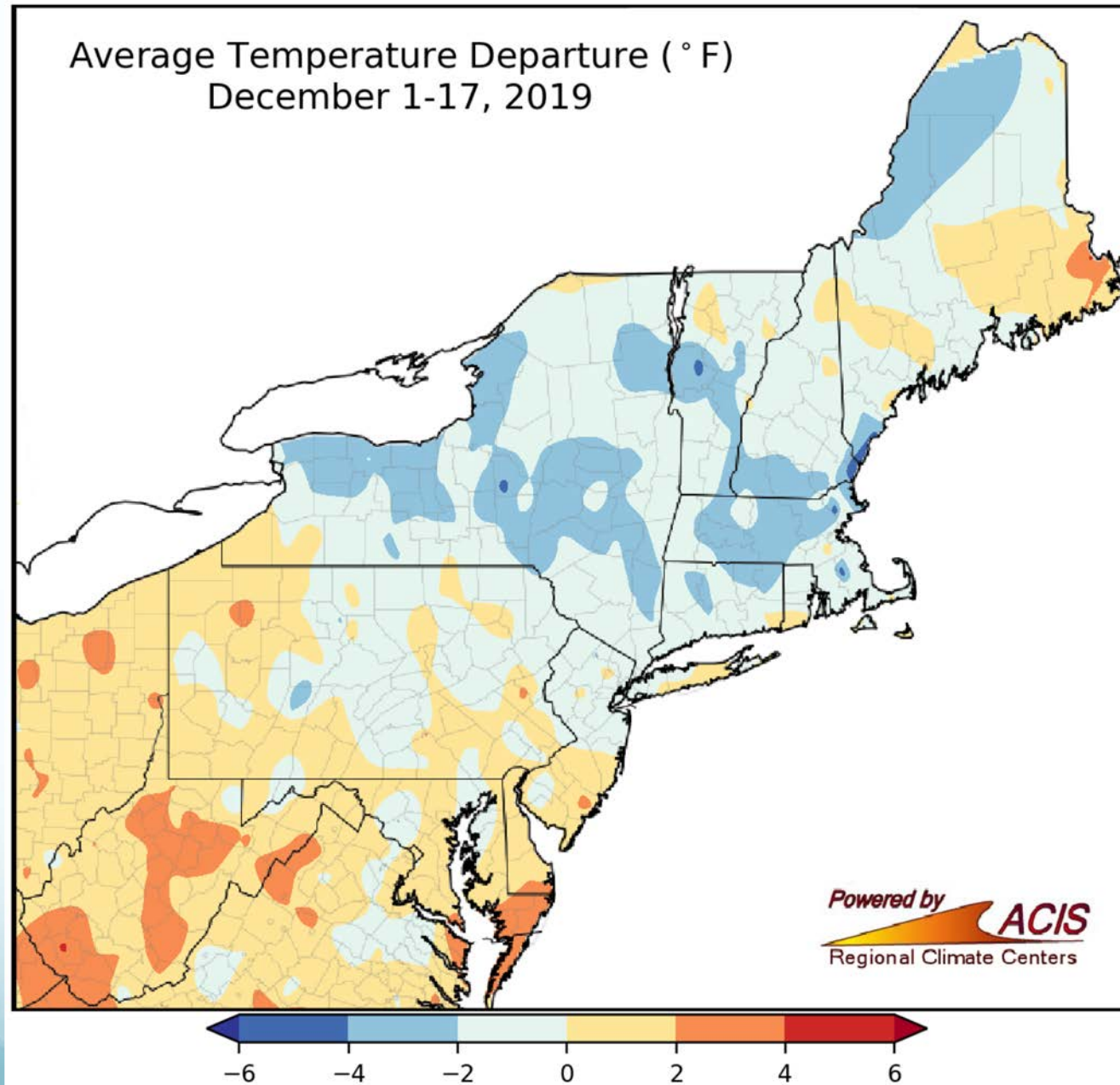
From 12" below normal to more than 12" above normal

# December Snowfall

<b>Location</b>	<b>Dec. 1-17 Snowfall (in.)</b>	<b>Normal Dec. (monthly) Snowfall (in.)</b>	<b>Departure (in.)</b>	<b>Dec. Rank (snowiest)</b>	<b>Record Snowiest Dec.</b>
Albany, NY	27.3	13.7	13.6	14	57.5" in 1969
Hartford, CT	20.6	7.4	13.2	9	45.3" in 1945
Worcester, MA	23.1	14.4	8.7	11	37.0" in 1992
Islip, NY	3.9	5.4	-1.5	20	25.3" in 2009



# December Temperatures

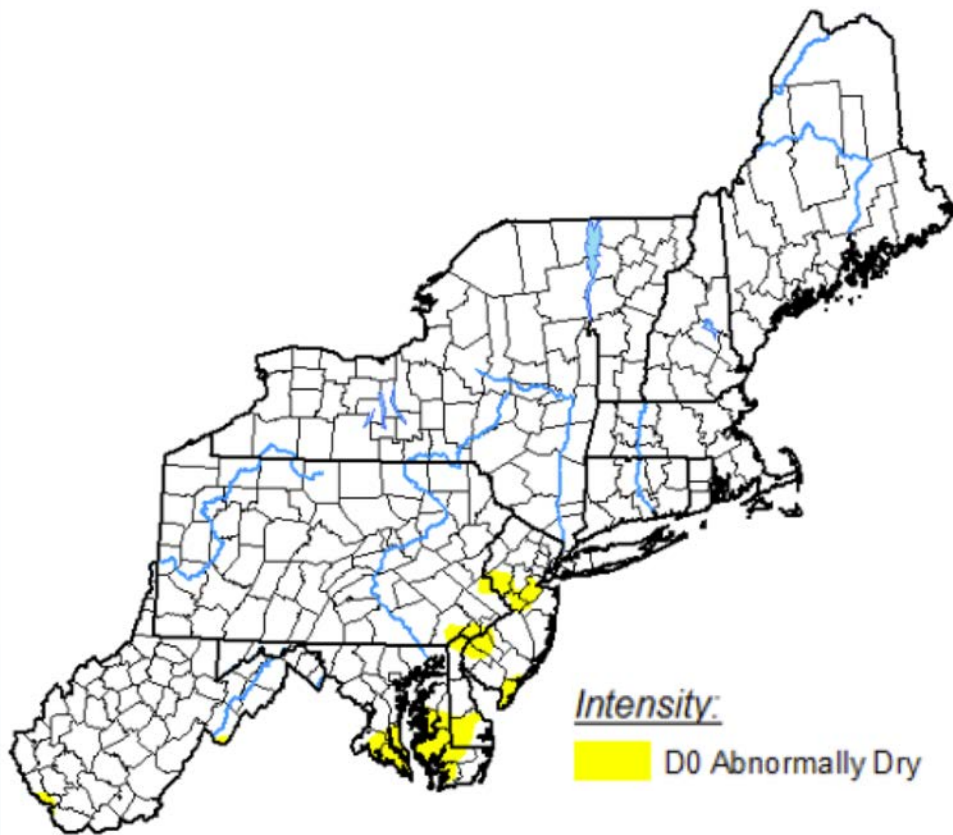


From 4°F below normal to 4°F above normal

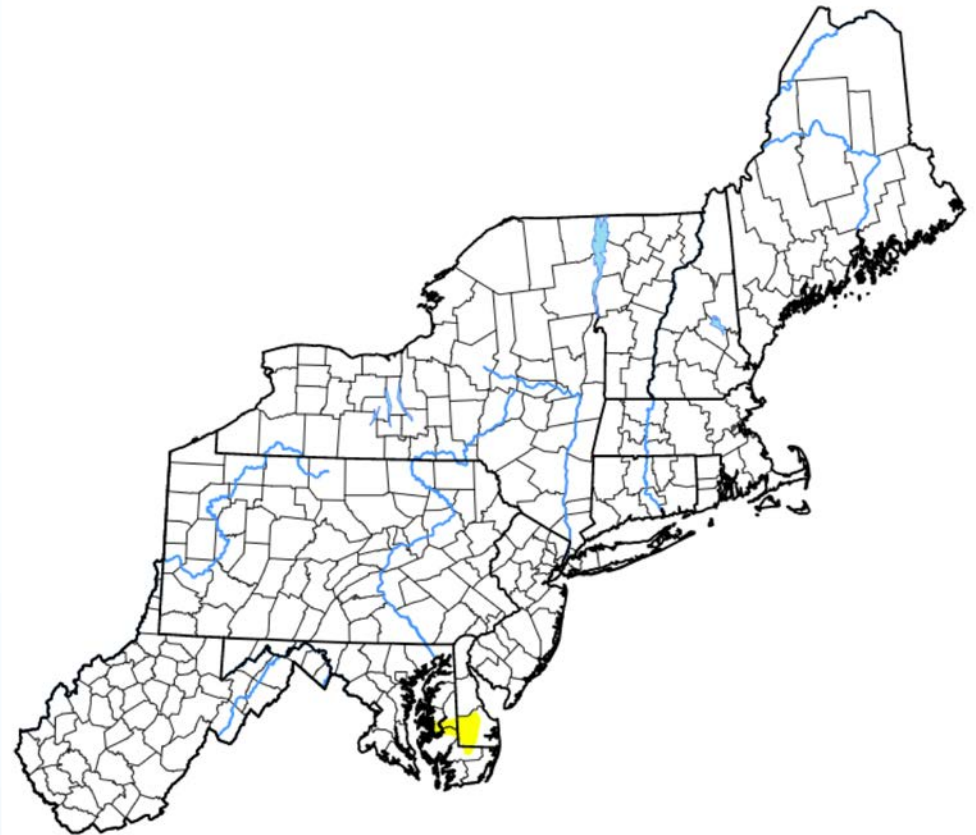




# Drought Monitor



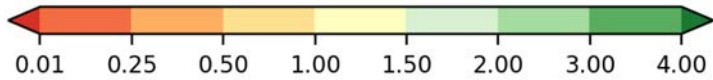
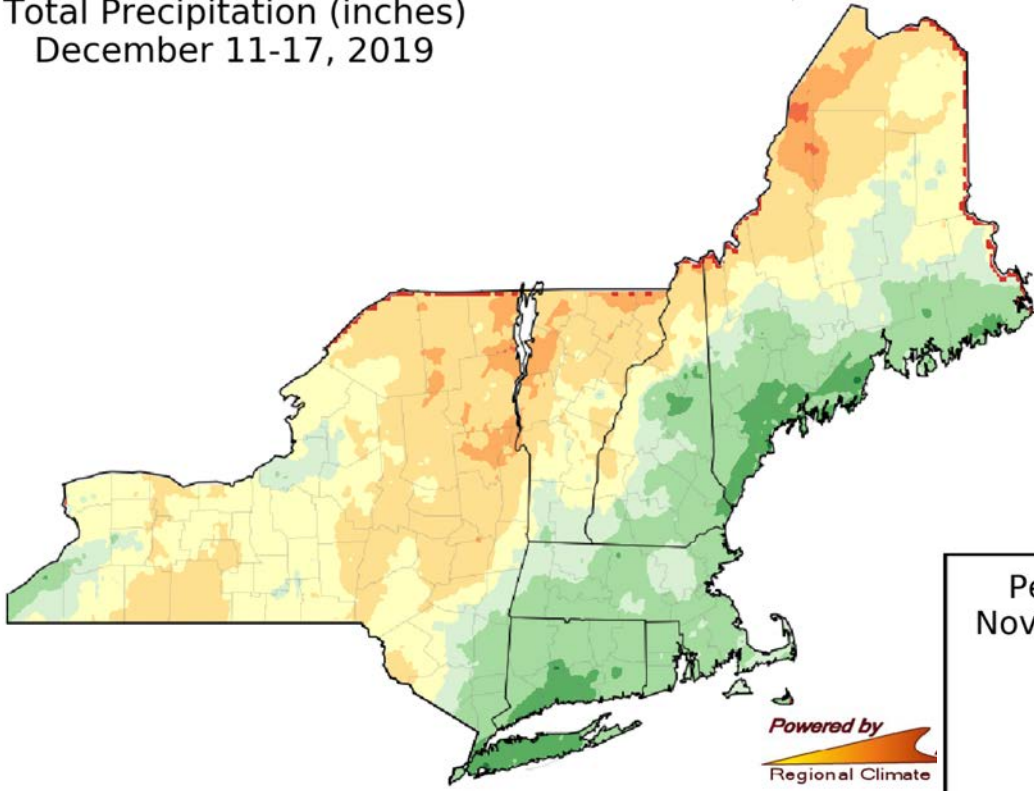
As of November 19:  
3% of the region was  
abnormally dry



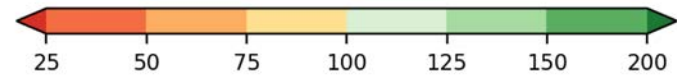
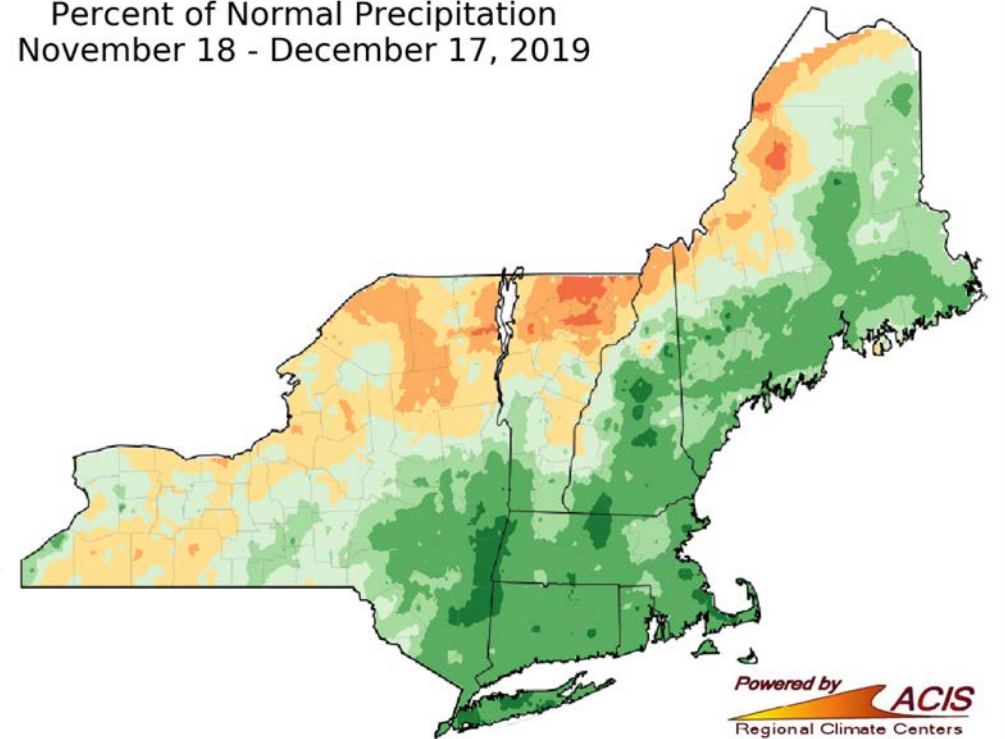
As of December 17:  
Less than 1% of the  
region was abnormally dry



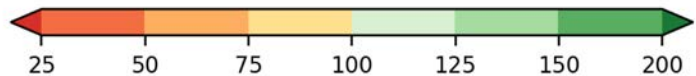
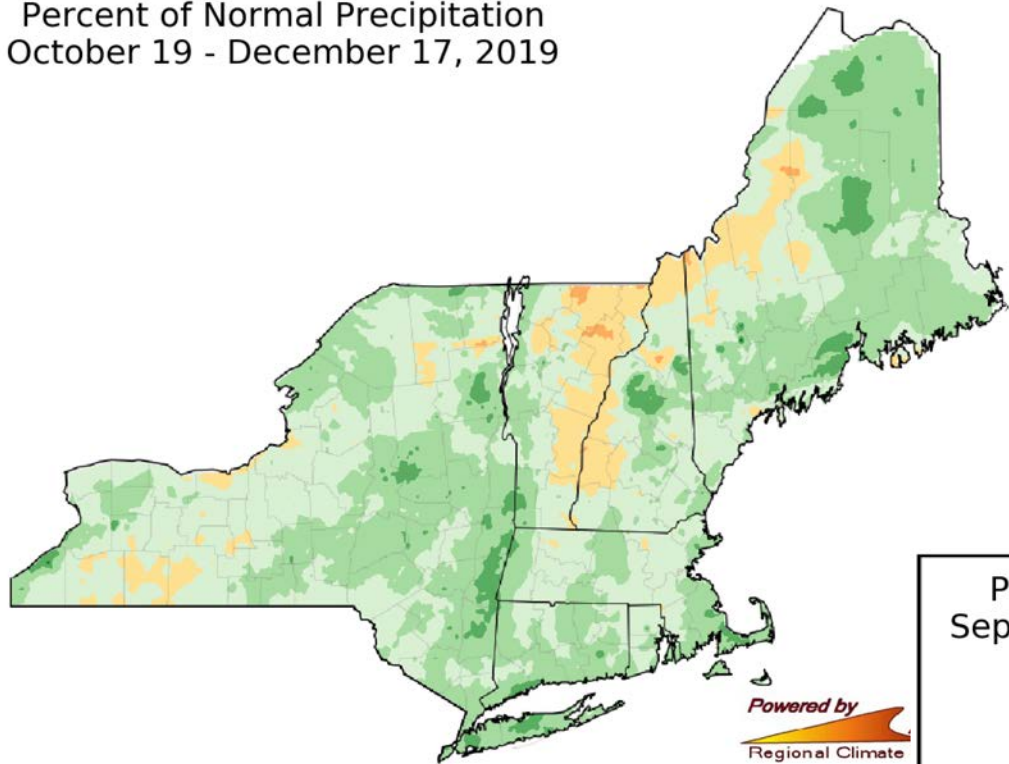
Total Precipitation (inches)  
December 11-17, 2019



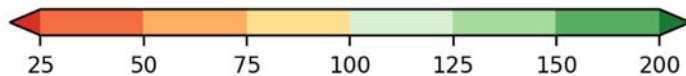
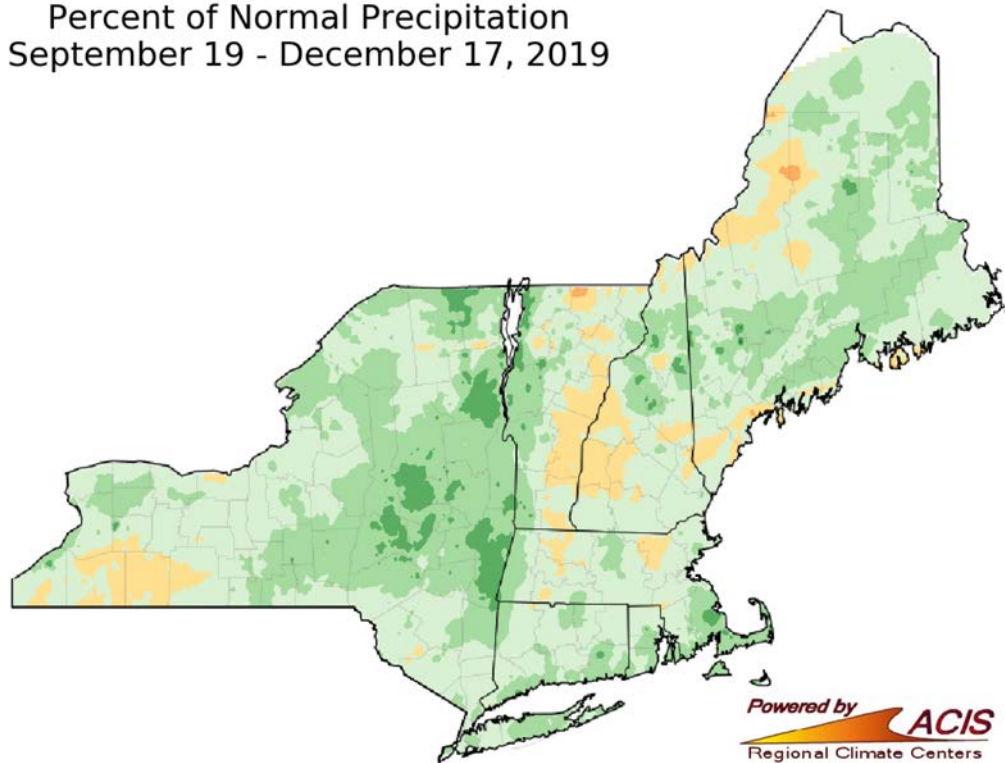
Percent of Normal Precipitation  
November 18 - December 17, 2019

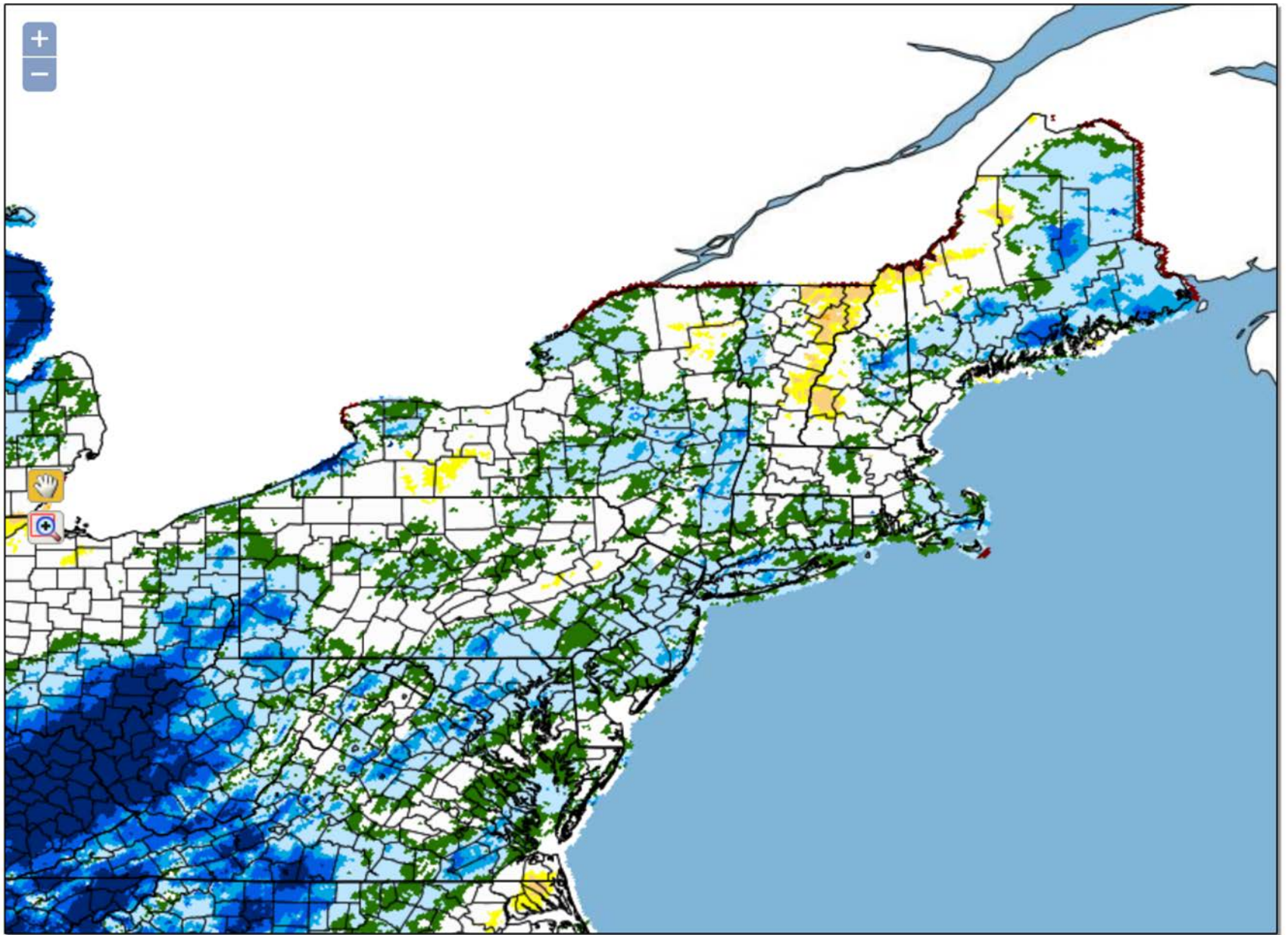


Percent of Normal Precipitation  
October 19 - December 17, 2019

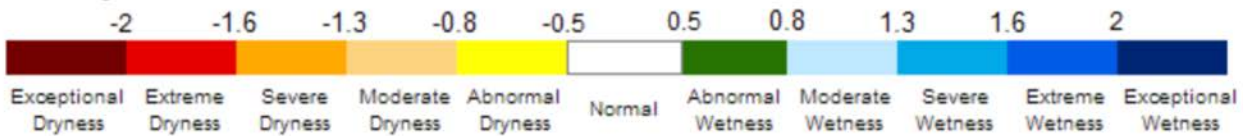


Percent of Normal Precipitation  
September 19 - December 17, 2019

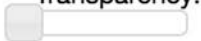




**60 day SPI for December 17, 2019**

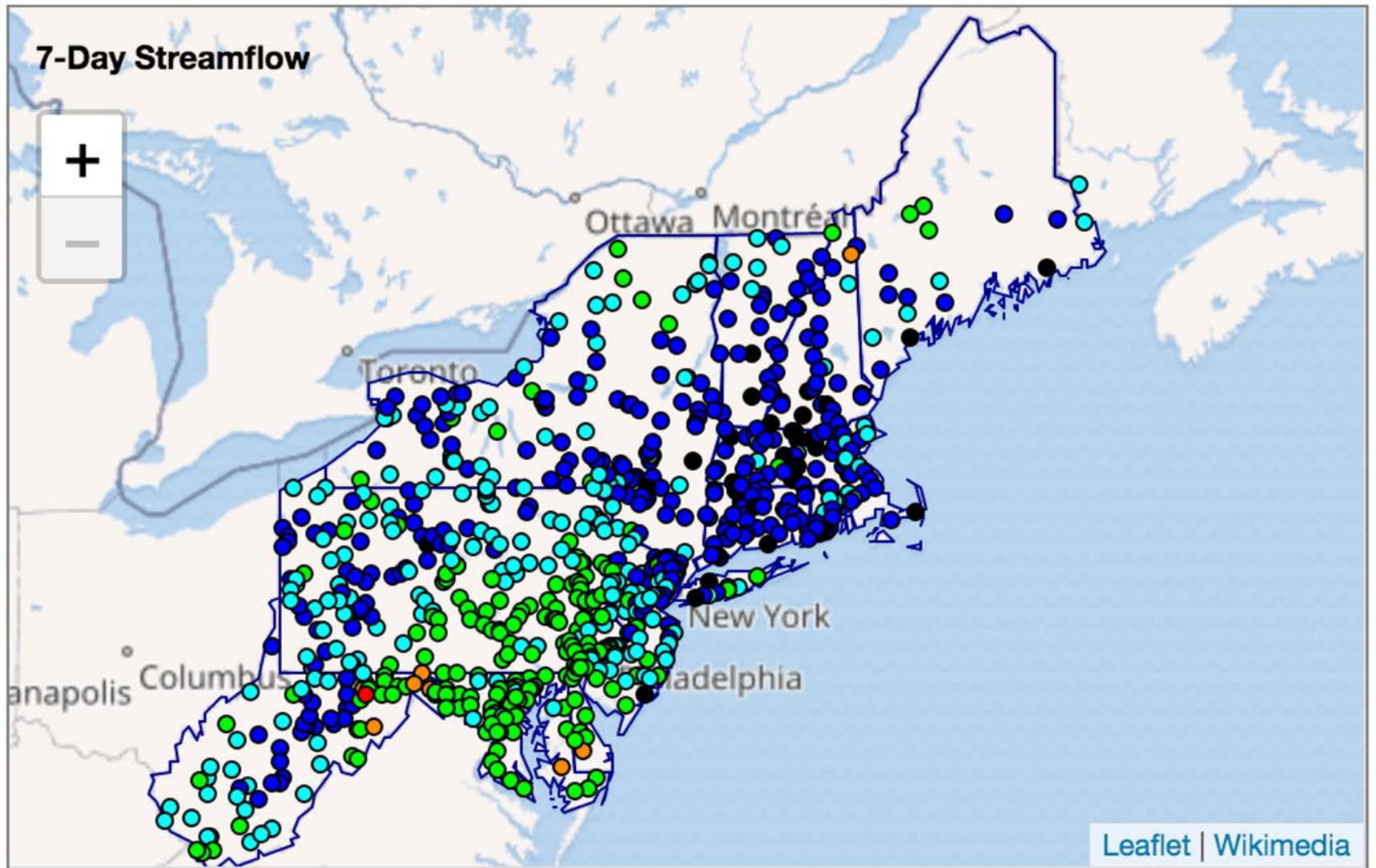


Transparency:



DOWNLOAD  
GEOTIFF



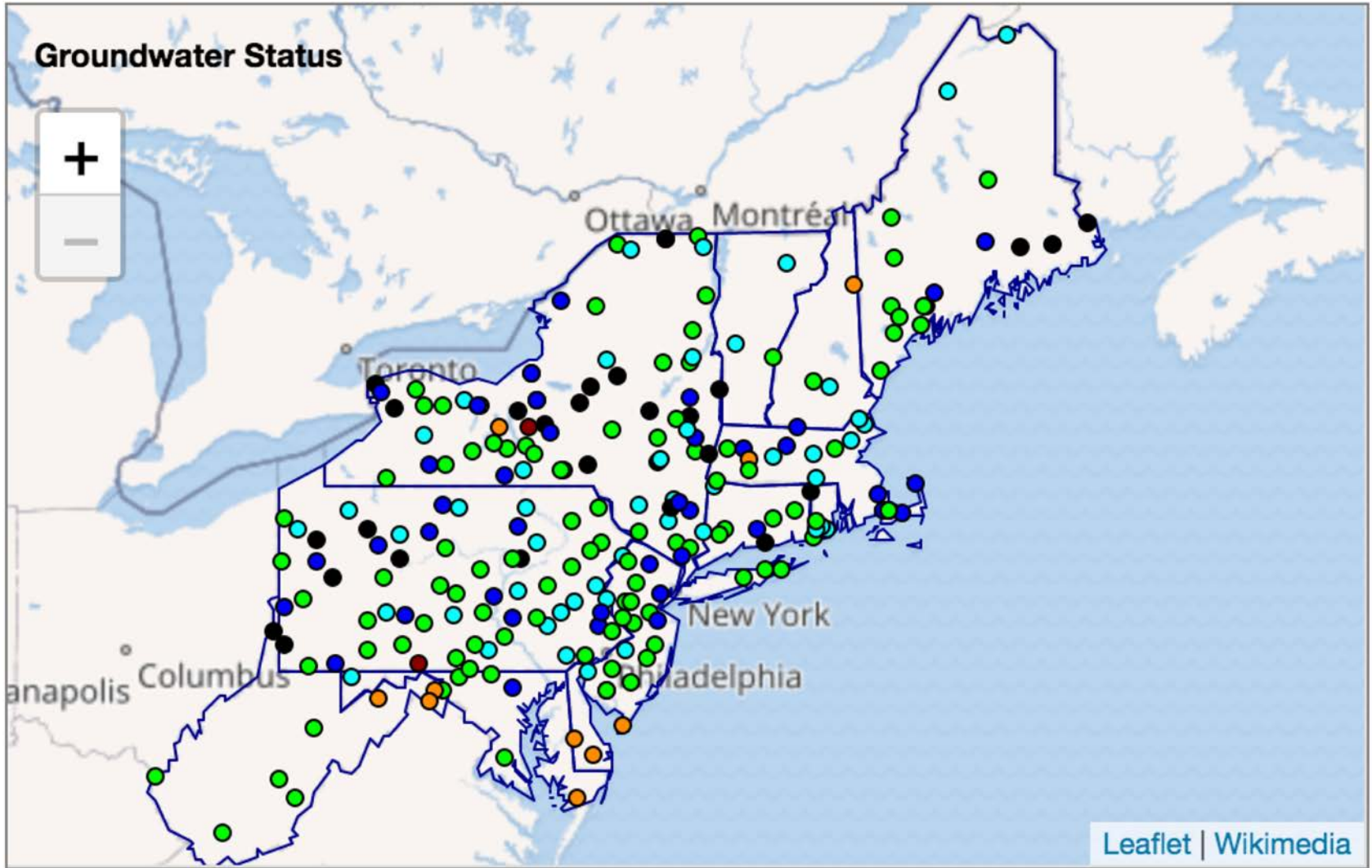


#### Explanation - Percentile Classes

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**

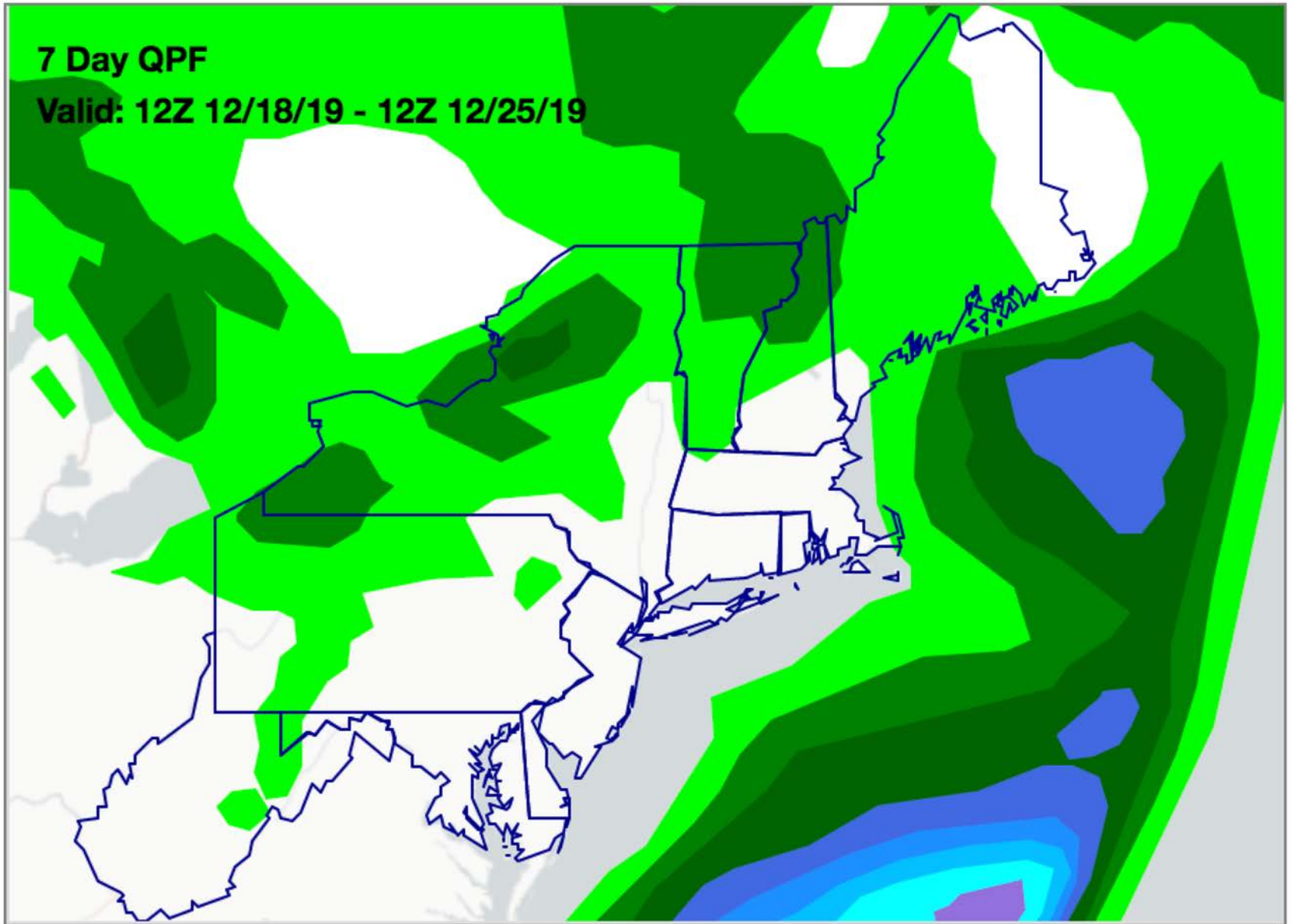
Low	Much below normal	Below normal	Normal	Above normal	Much above normal	High	
	<10%	10-24%	25-75%	76-90%	>90%		

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

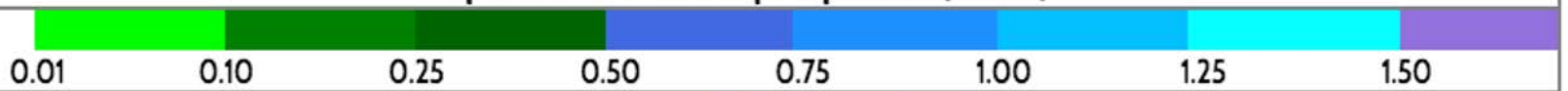


# 7 Day QPF

Valid: 12Z 12/18/19 - 12Z 12/25/19



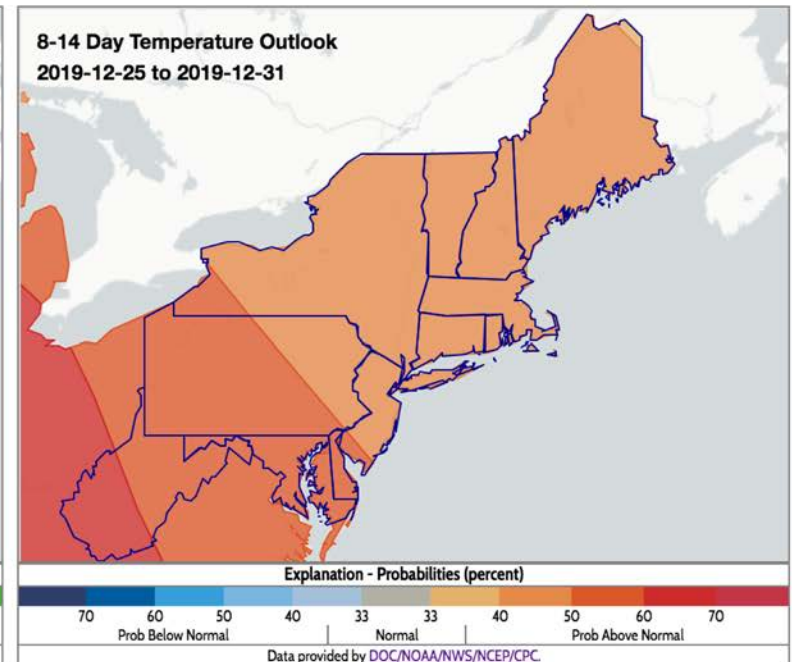
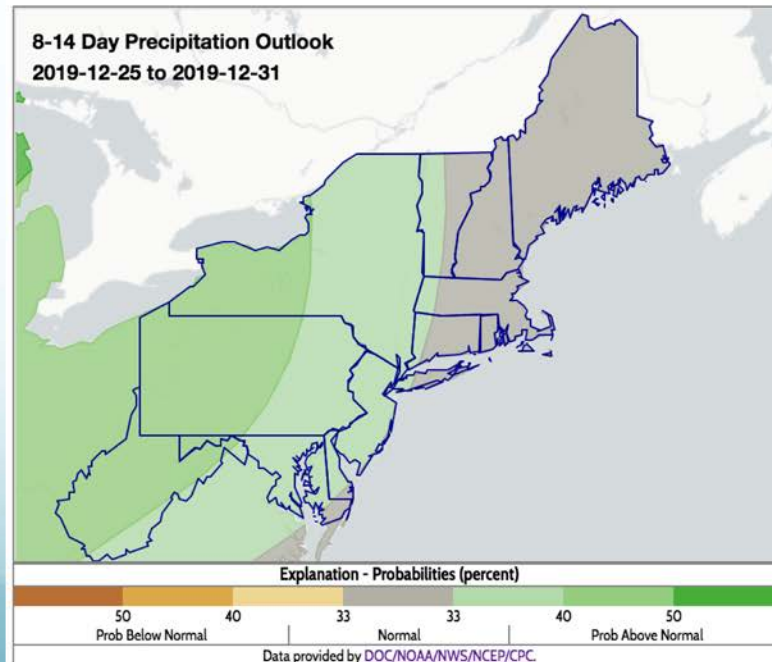
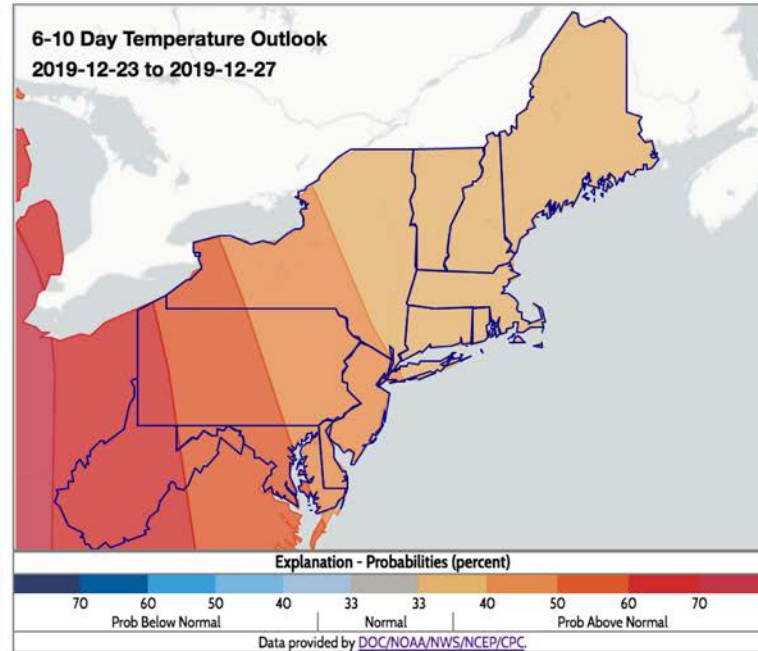
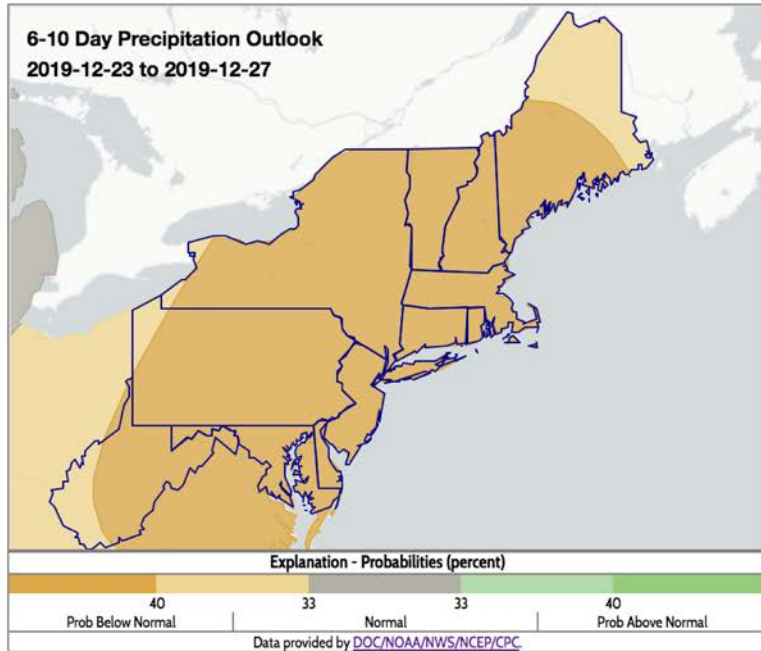
Explanation - Forecast precipitation (inches)



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



# Short-term Outlooks





# Contact Information

- [nrcc@cornell.edu](mailto:nrcc@cornell.edu)
- 607-255-1751

## Upcoming Webinars

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



[www.nrcc.cornell.edu](http://www.nrcc.cornell.edu)