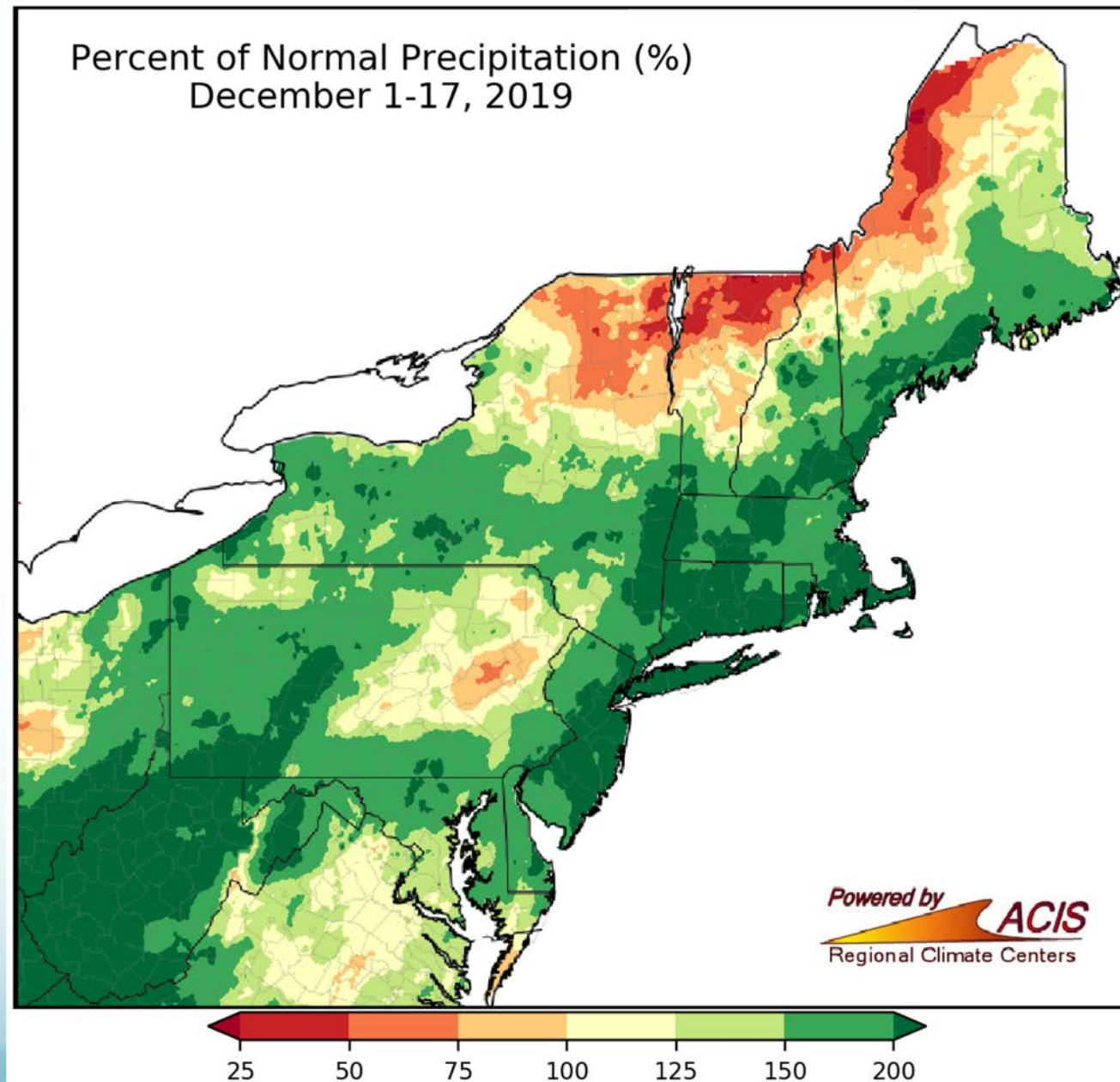


December Review & Northeast DEWS Discussion

By: Samantha Borisoff, Climatologist
Northeast Regional Climate Center



December Precipitation



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

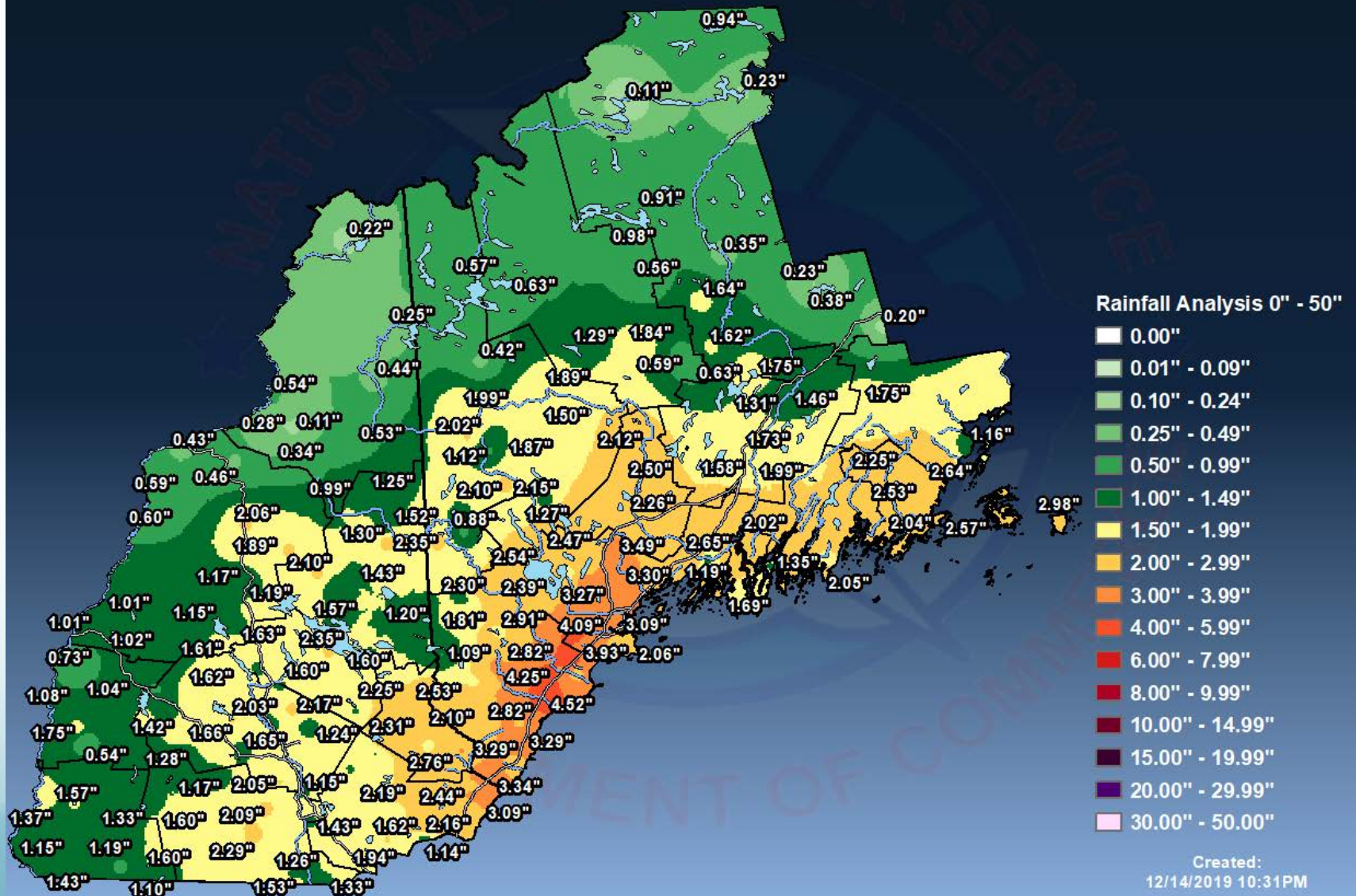


December Precipitation

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.

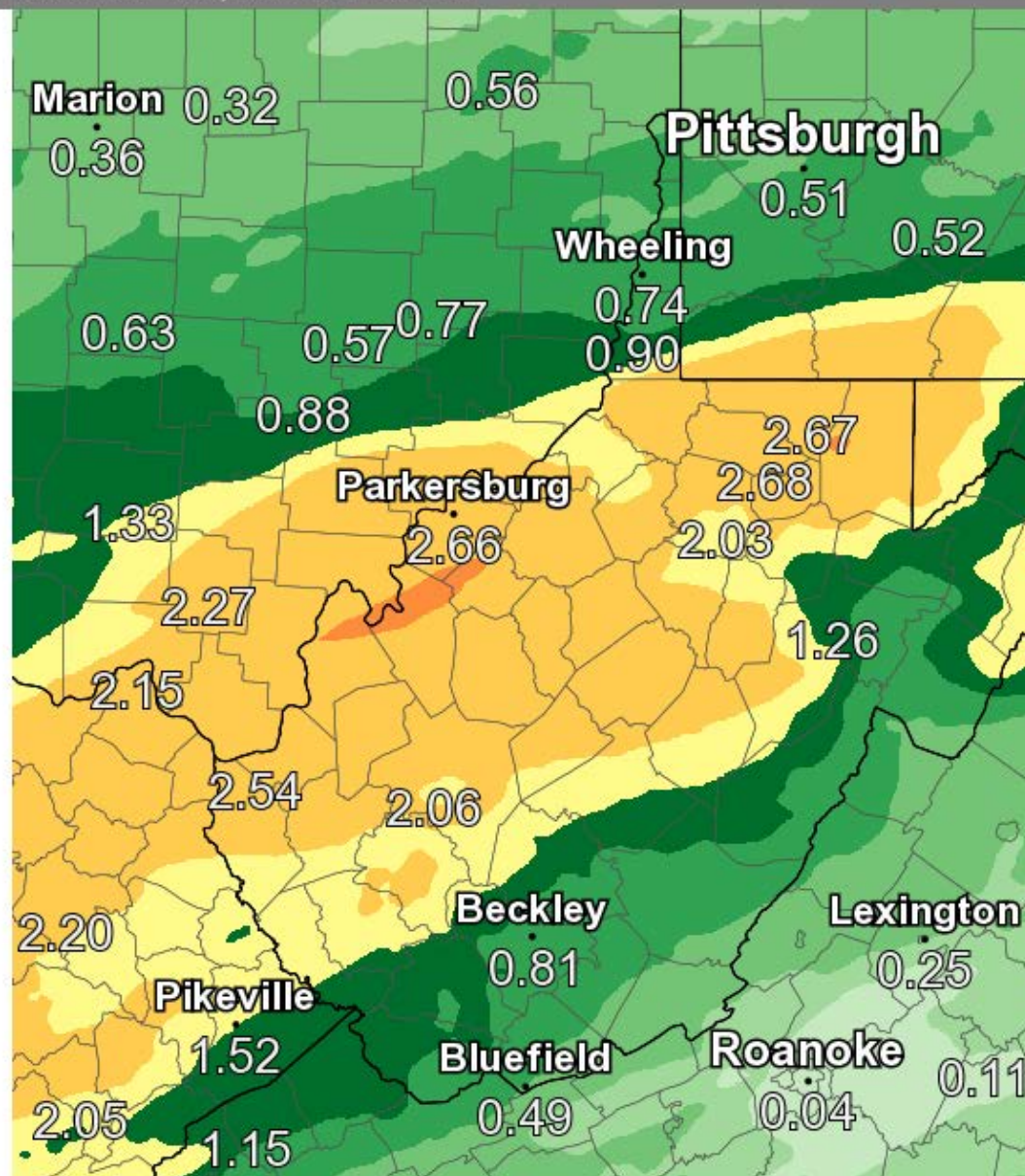


December Precipitation



Observed Precipitation

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



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

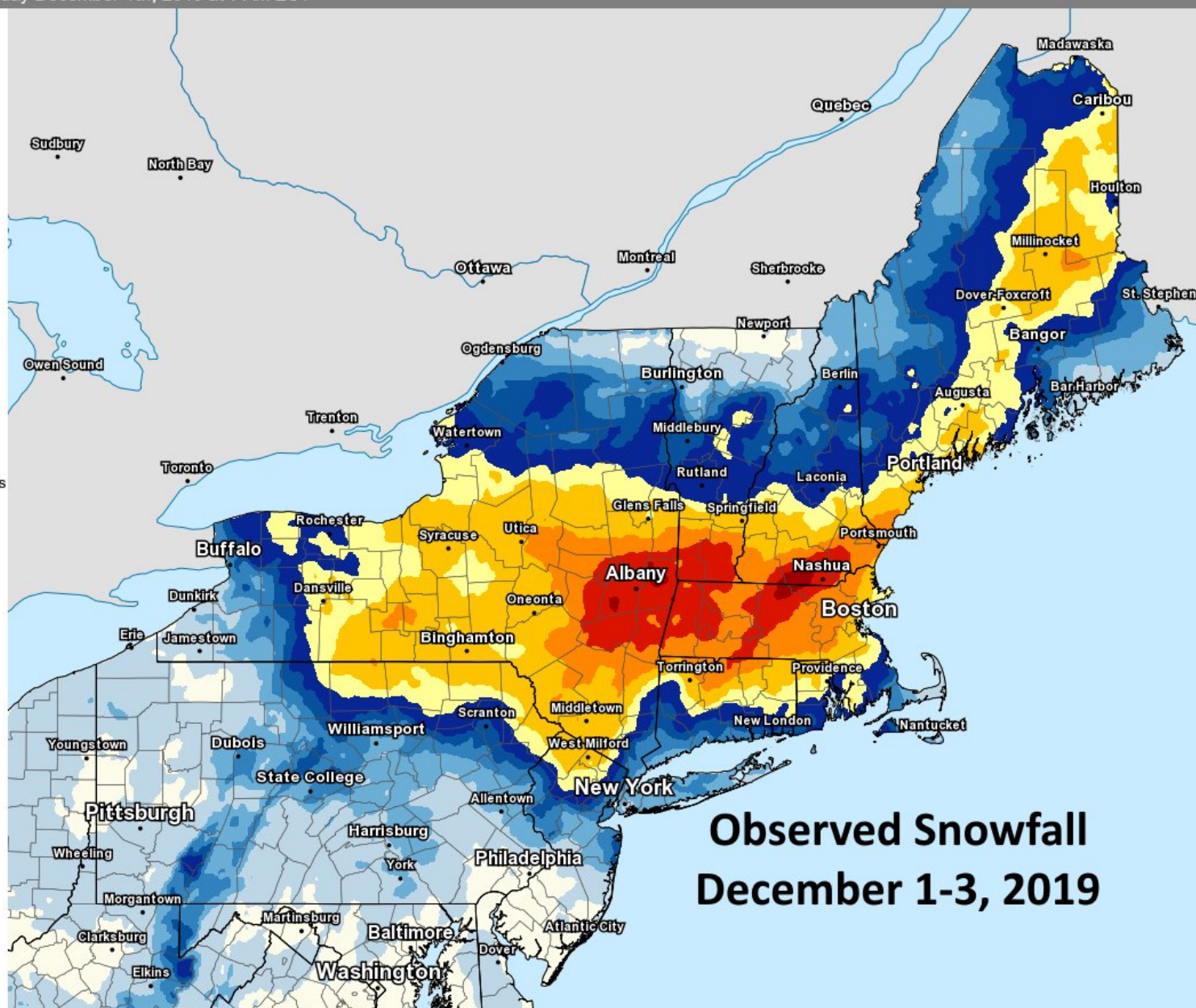


December Snowfall



Observed Snowfall

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

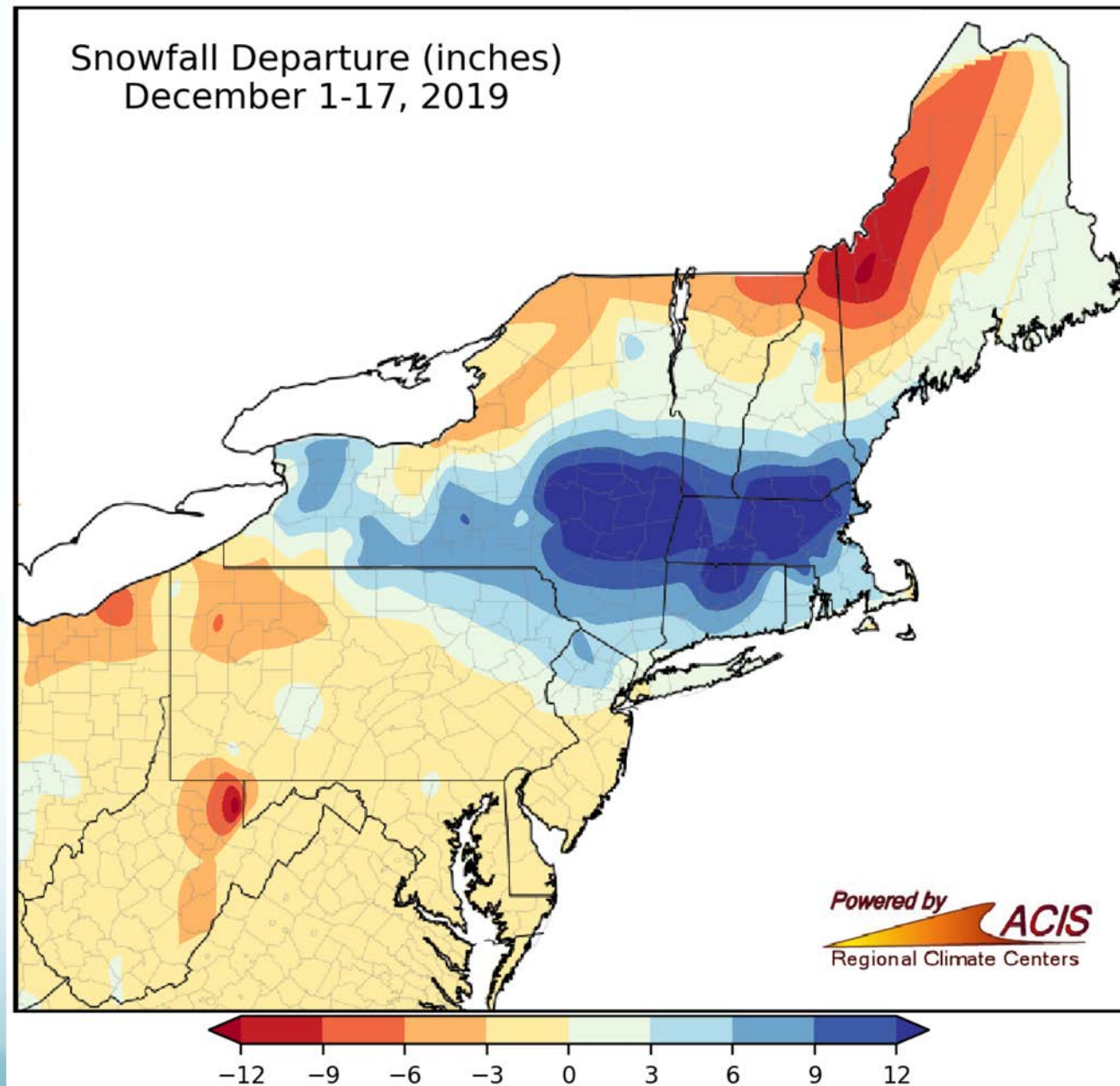


**Observed Snowfall
December 1-3, 2019**

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



December Snowfall



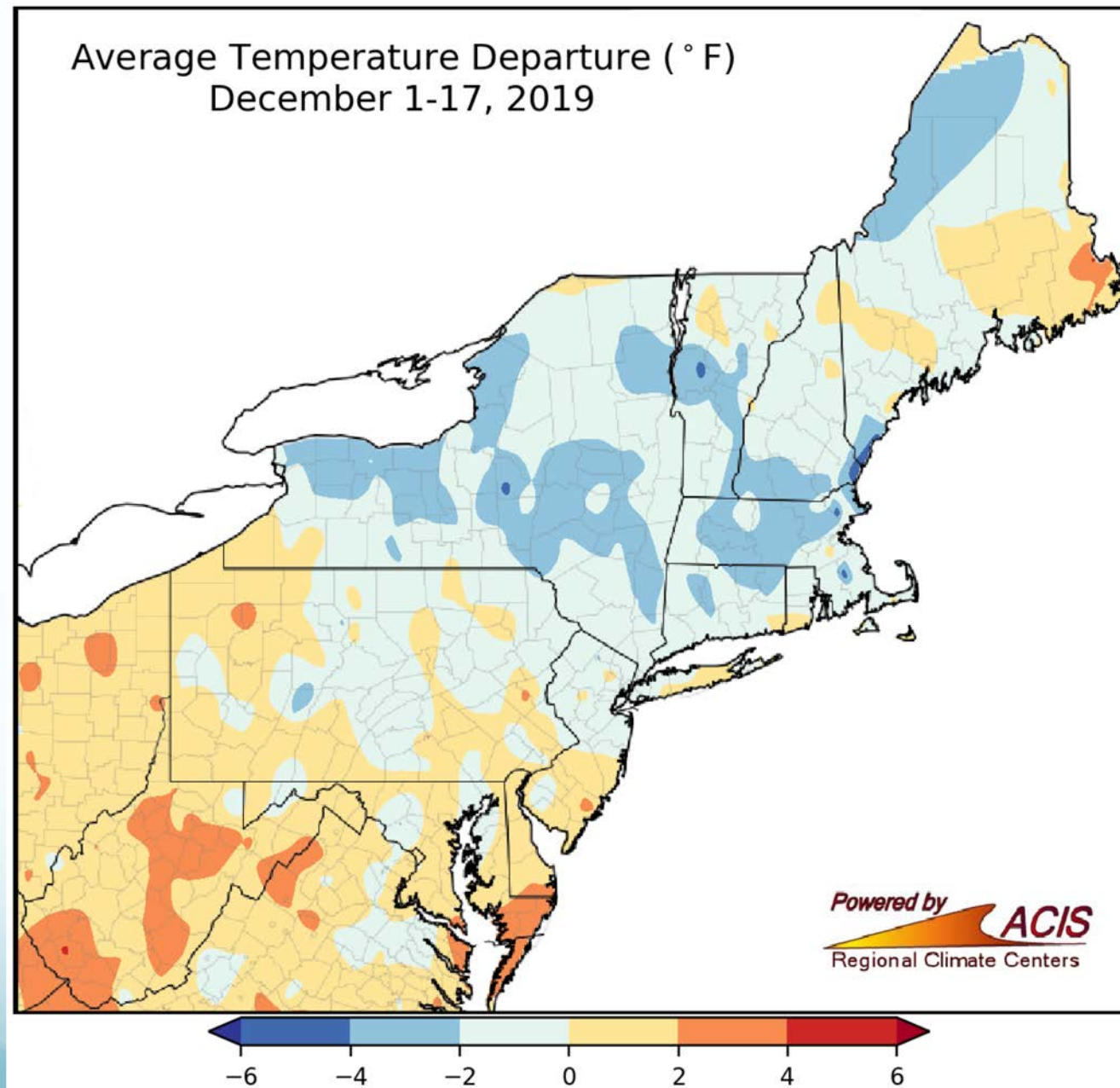
From 12" below normal to more than 12" above normal

December Snowfall

| Location | Dec. 1-17 Snowfall (in.) | Normal Dec. (monthly) Snowfall (in.) | Departure (in.) | Dec. Rank (snowiest) | Record Snowiest Dec. |
|---------------|-----------------------------|--|-----------------|-------------------------|-------------------------|
| 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 |



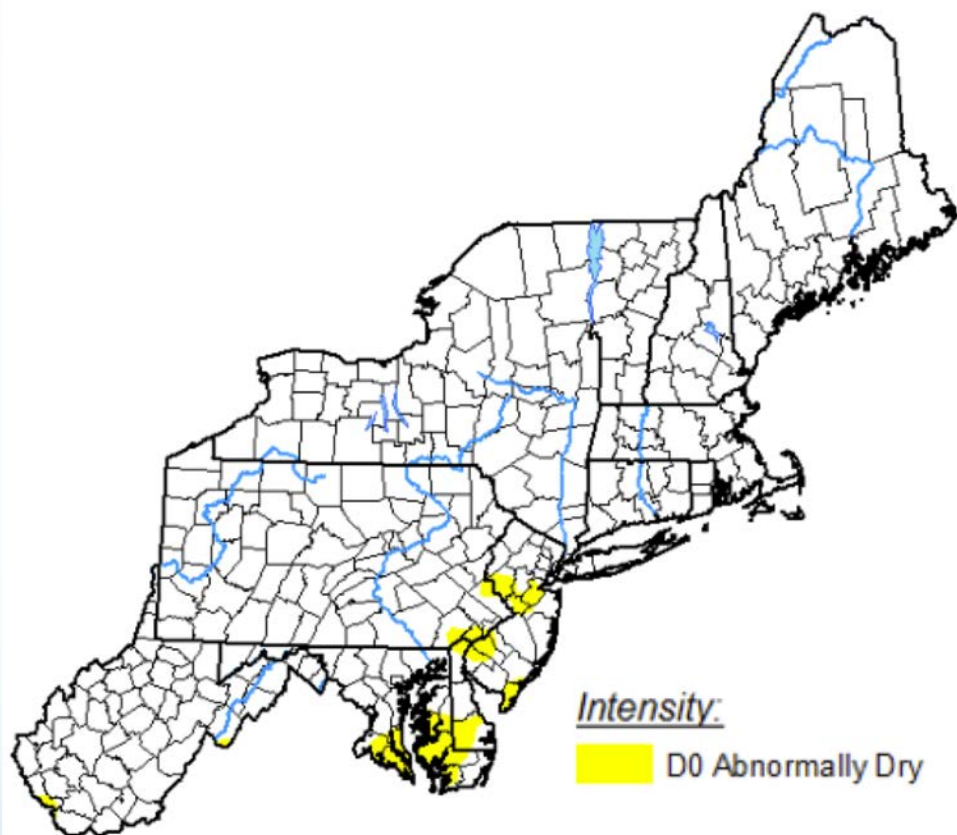
December Temperatures



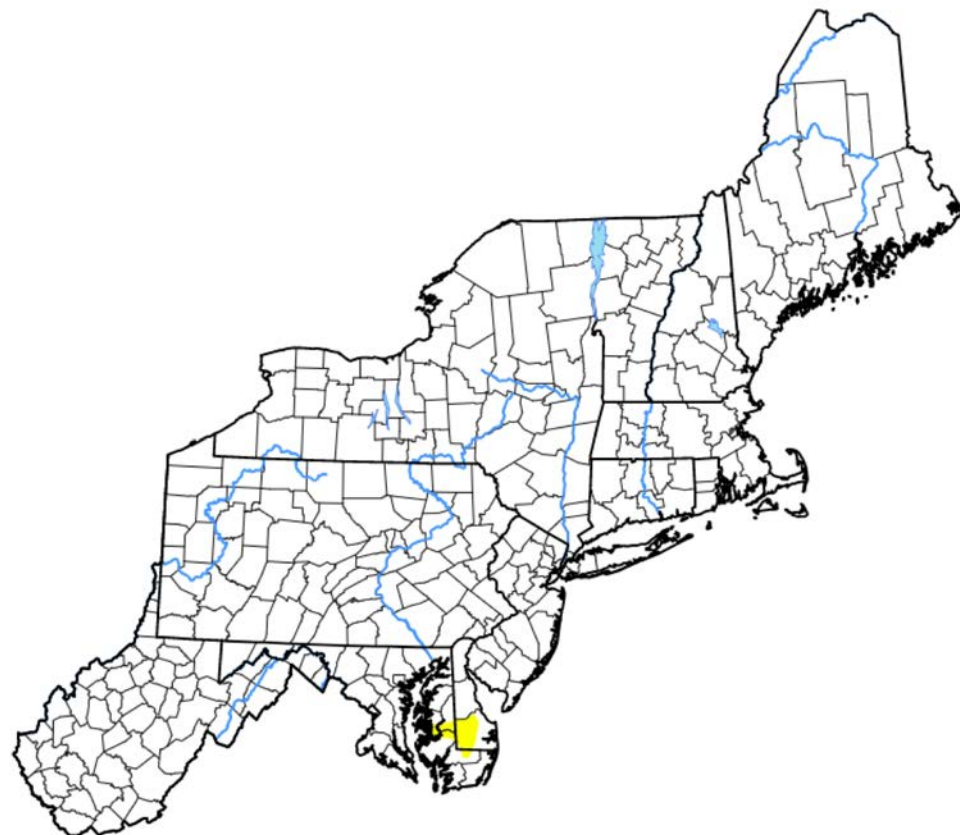
From 4°F below normal to 4°F above normal



Drought Monitor



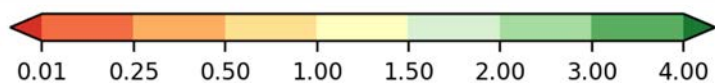
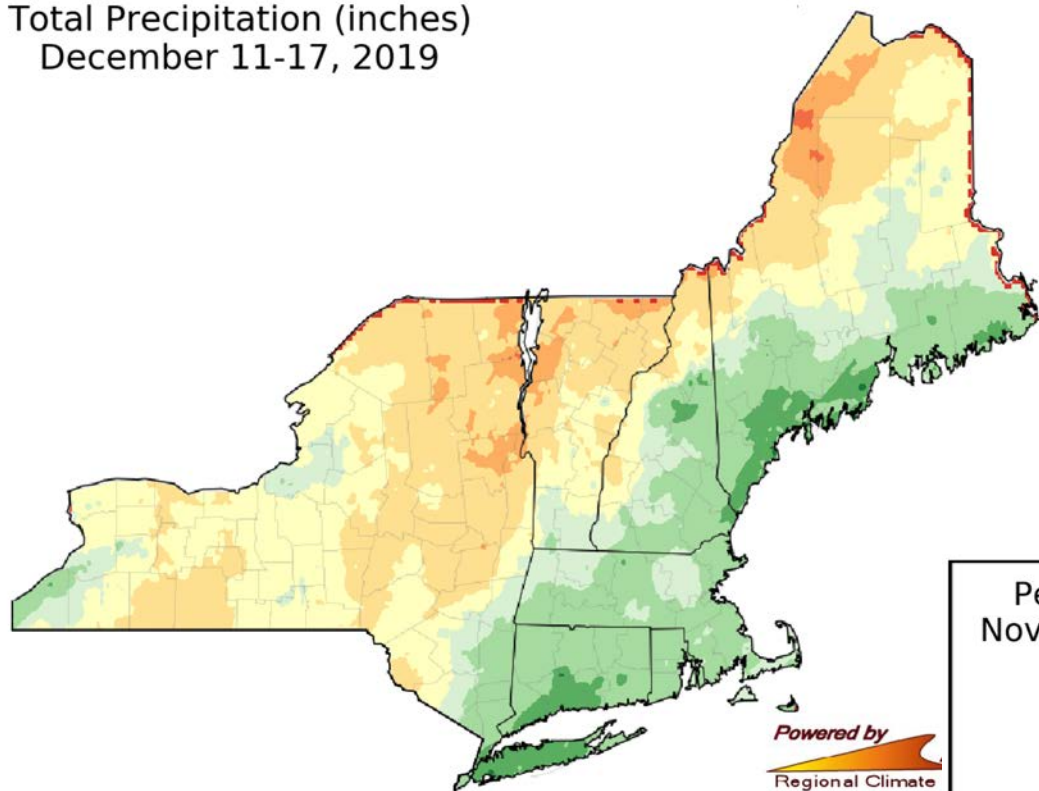
As of November 19:
3% of the region was
abnormally dry



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

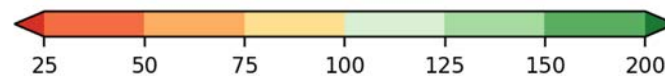
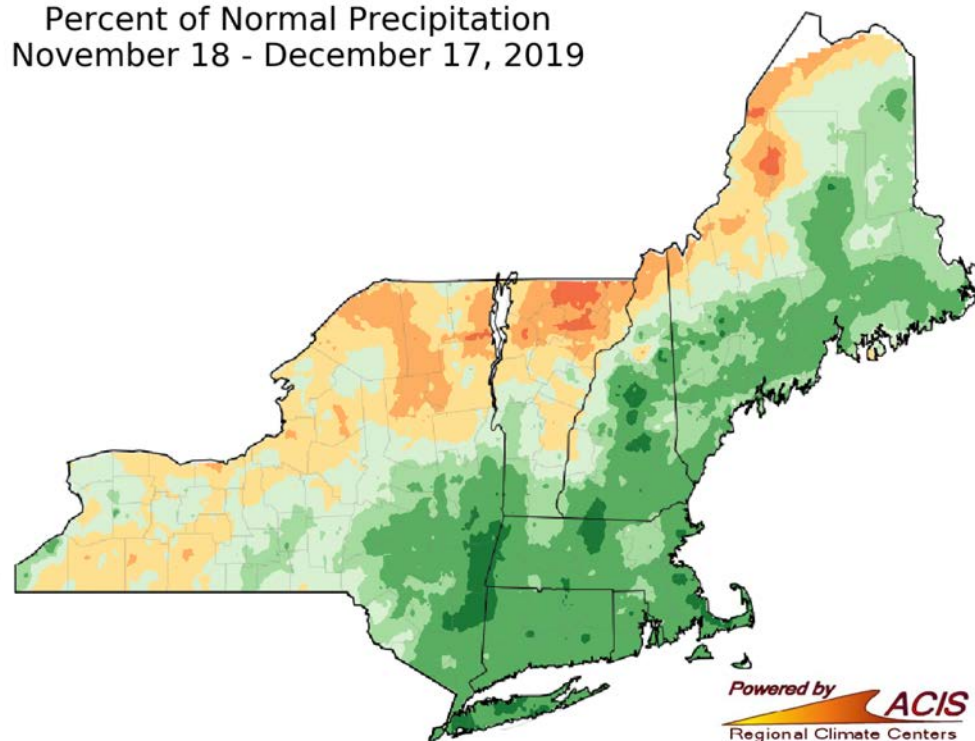


Total Precipitation (inches)
December 11-17, 2019



Powered by
Regional Climate

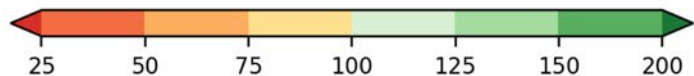
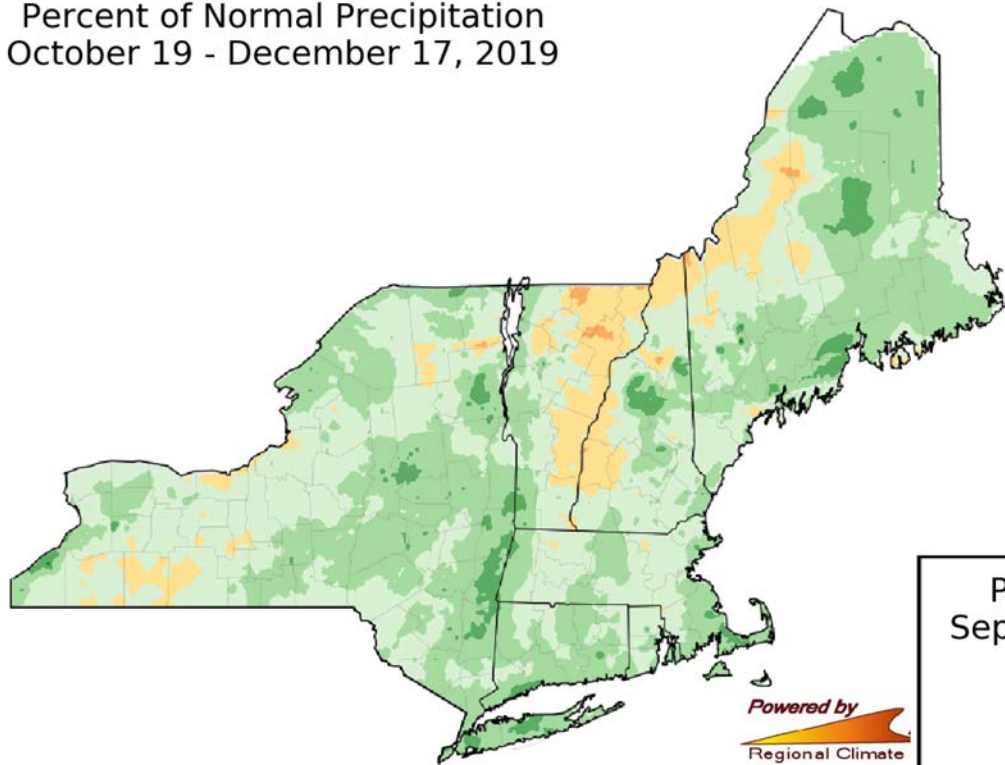
Percent of Normal Precipitation
November 18 - December 17, 2019



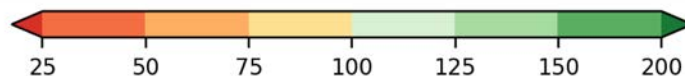
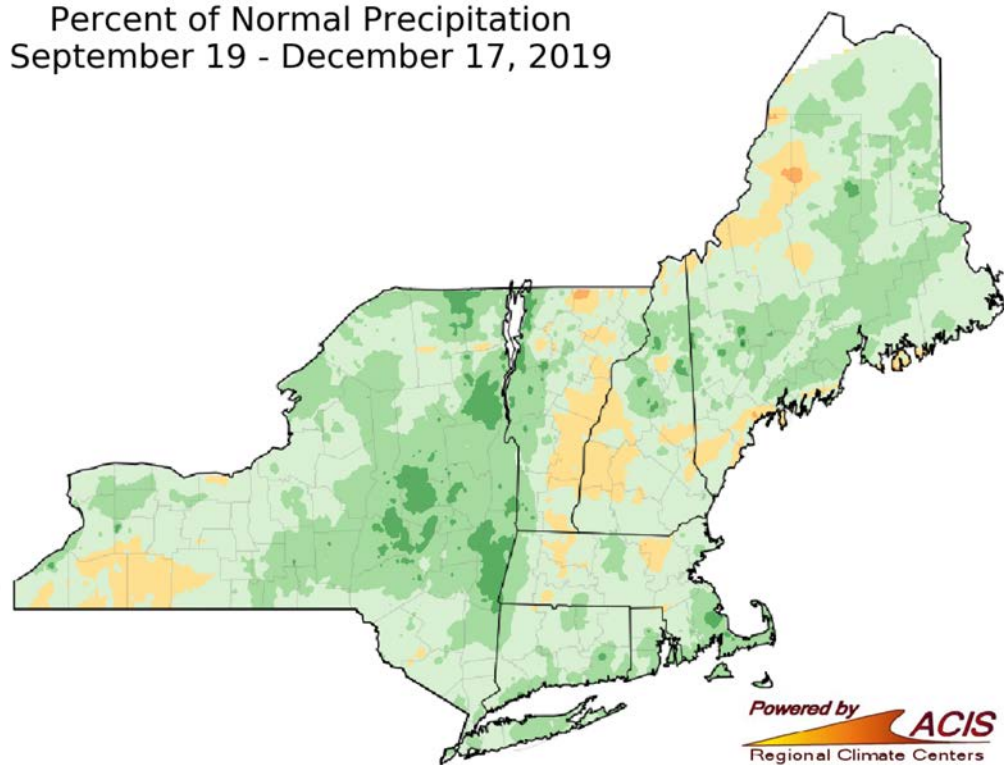
Powered by
ACIS
Regional Climate Centers

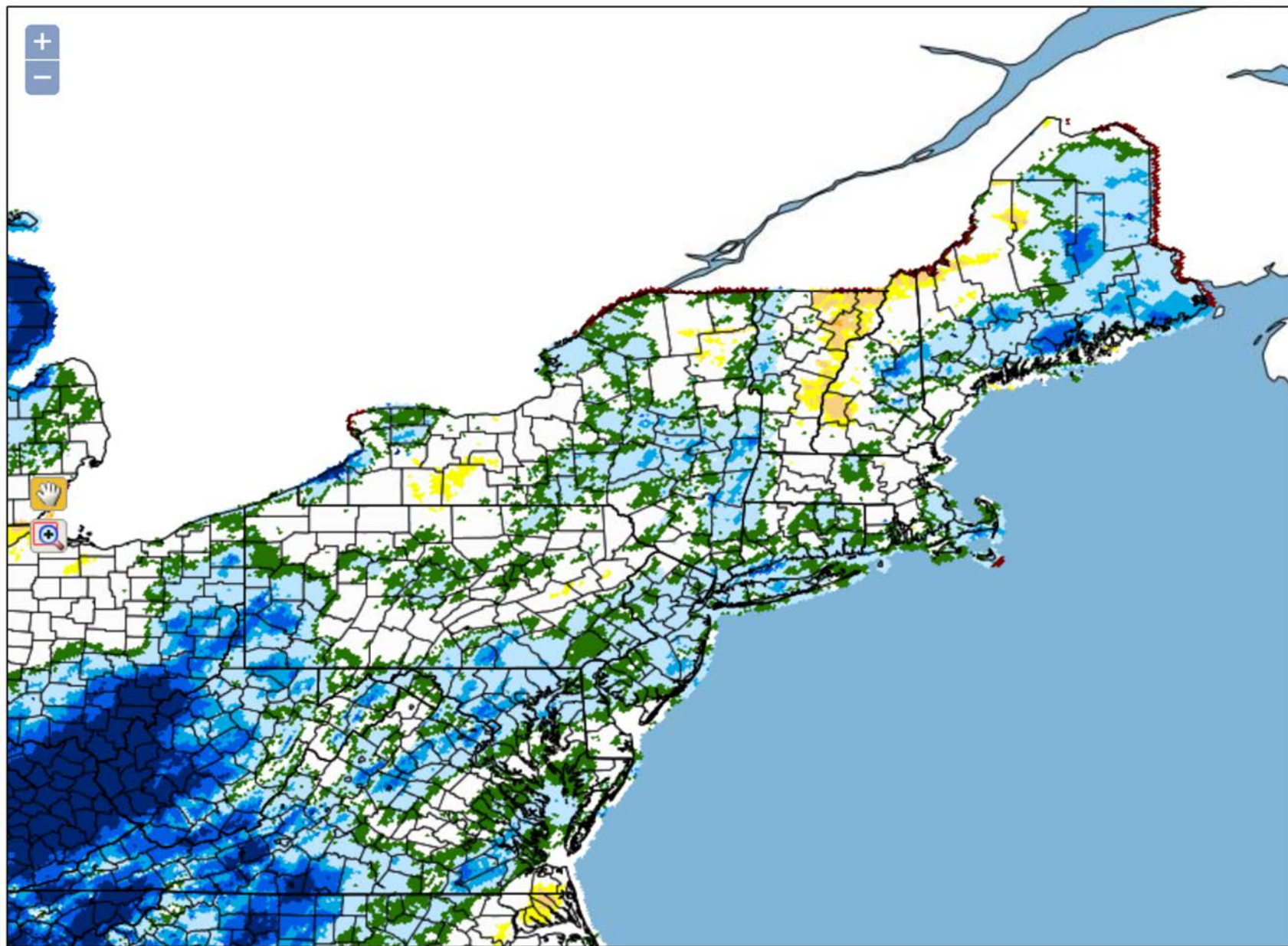


Percent of Normal Precipitation
October 19 - December 17, 2019

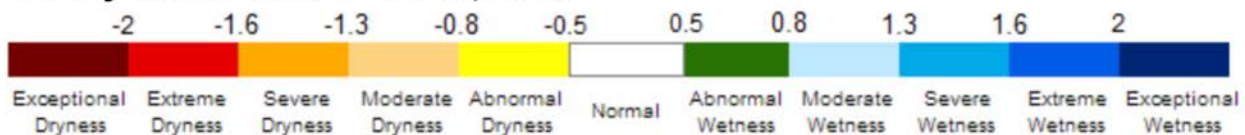


Percent of Normal Precipitation
September 19 - December 17, 2019

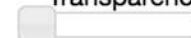




60 day SPI for December 17, 2019

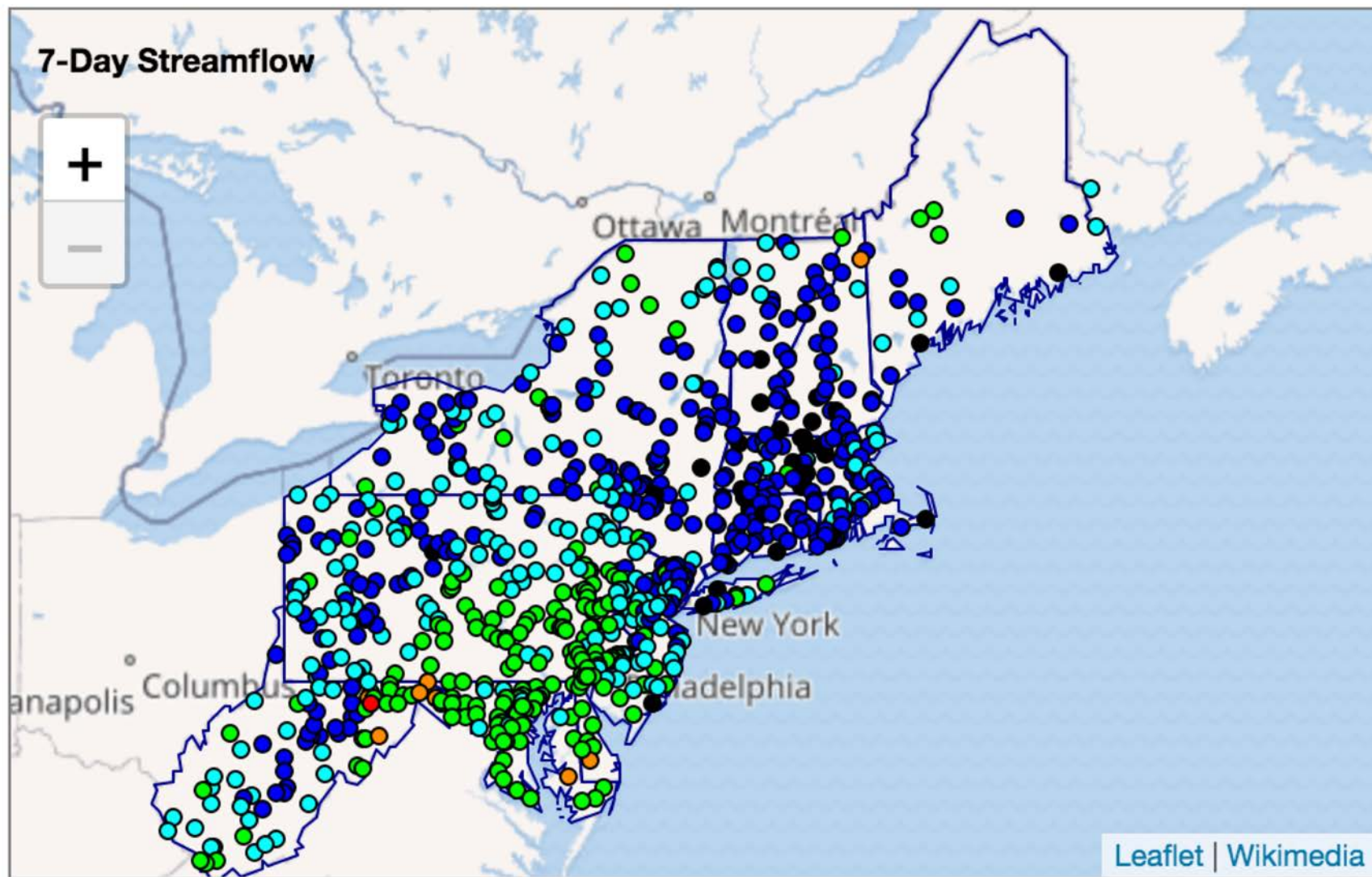


Transparency:



DOWNLOAD
GEOTIFF



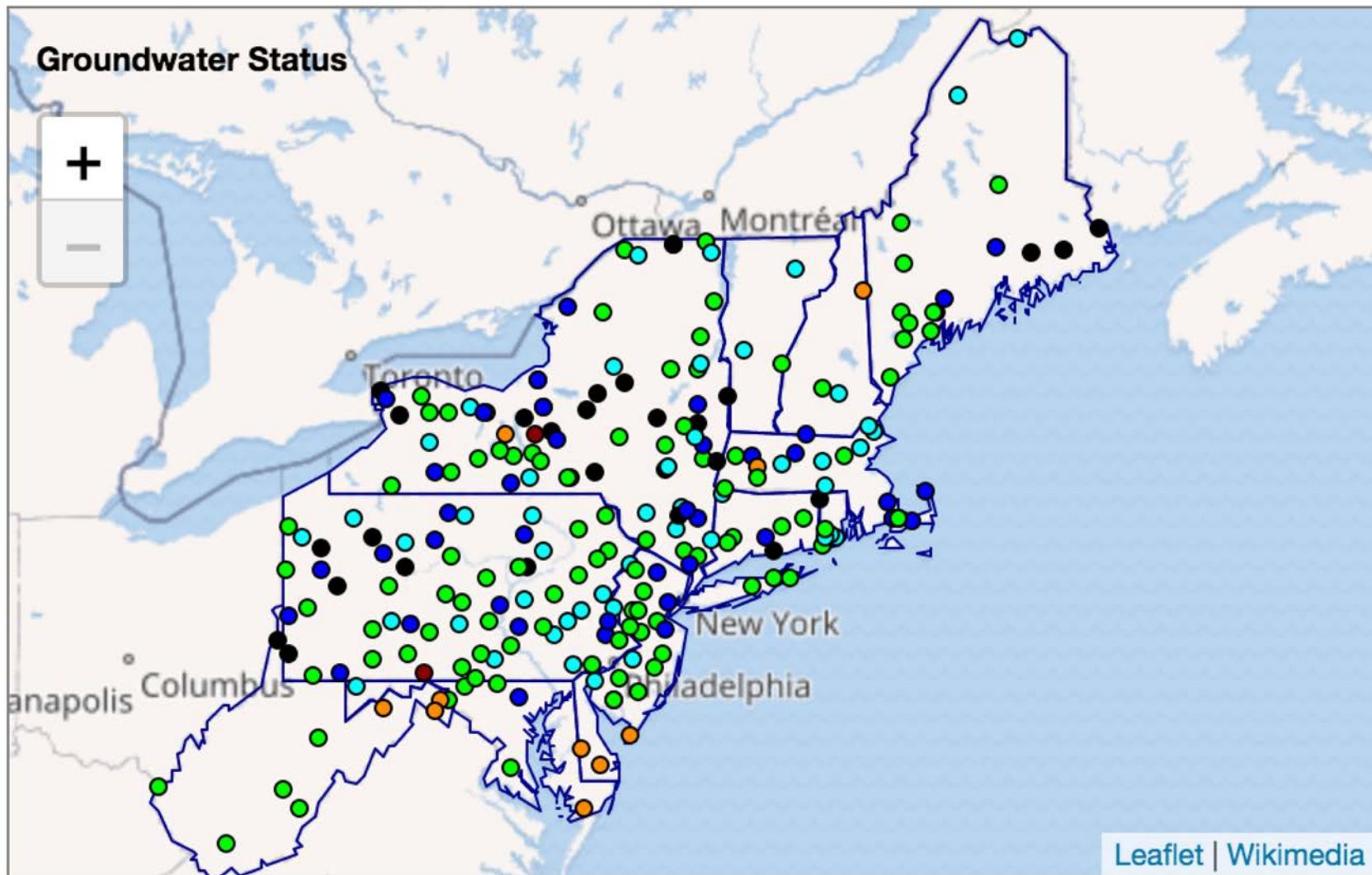


Explanation - Percentile Classes

| 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

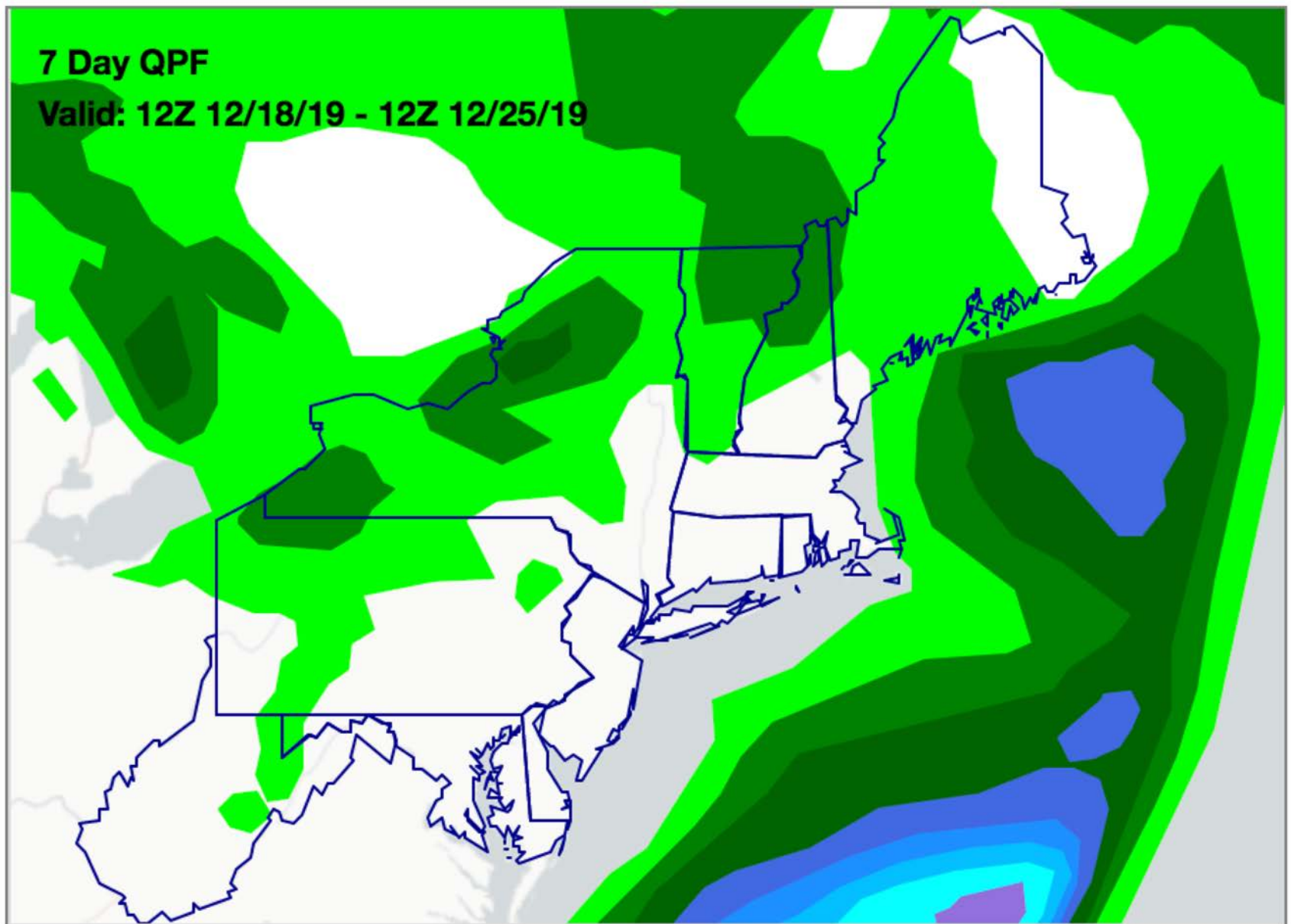
| | | | | | | | |
|-----|-------------------|--|--------------|--------|--------------|-------------------|------|
| | | | | | | | |
| Low | Much below normal | | Below normal | Normal | Above normal | Much above normal | High |
| | <10% | | 10-24% | 25-75% | 76-90% | >90% | |

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

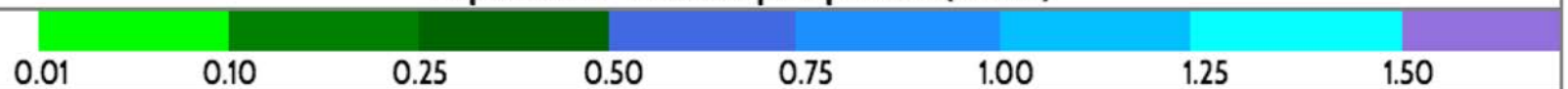


7 Day QPF

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



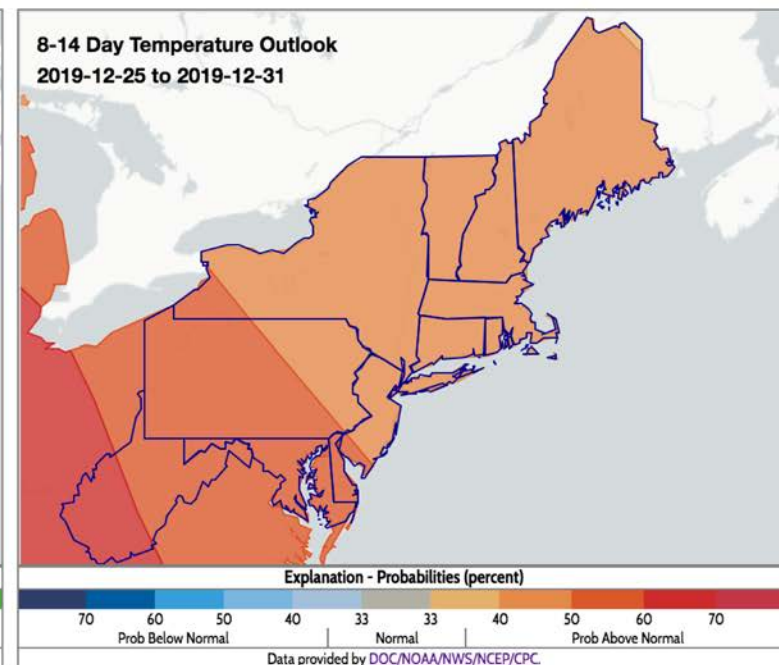
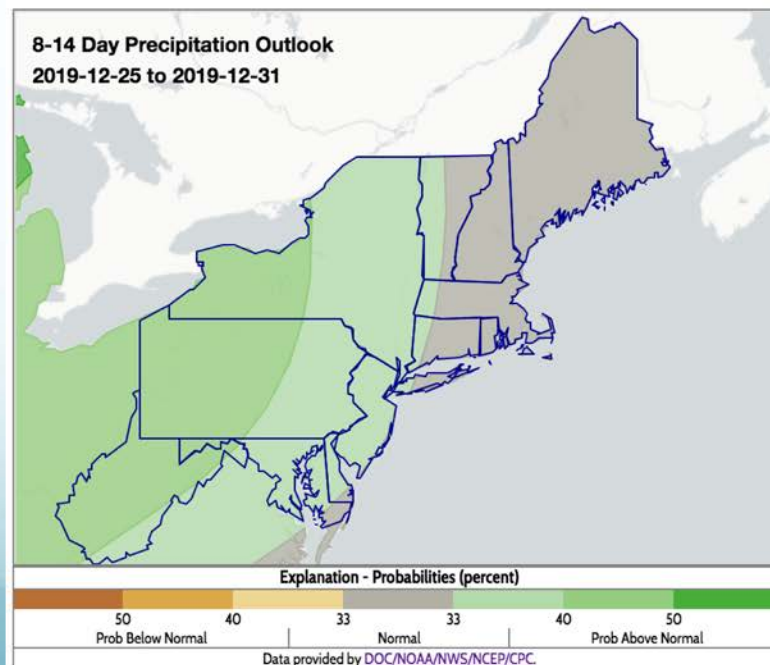
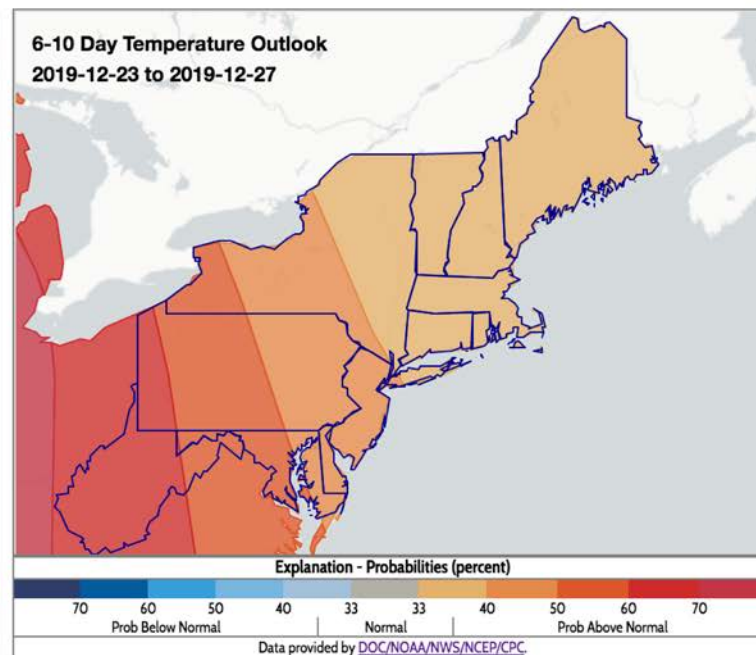
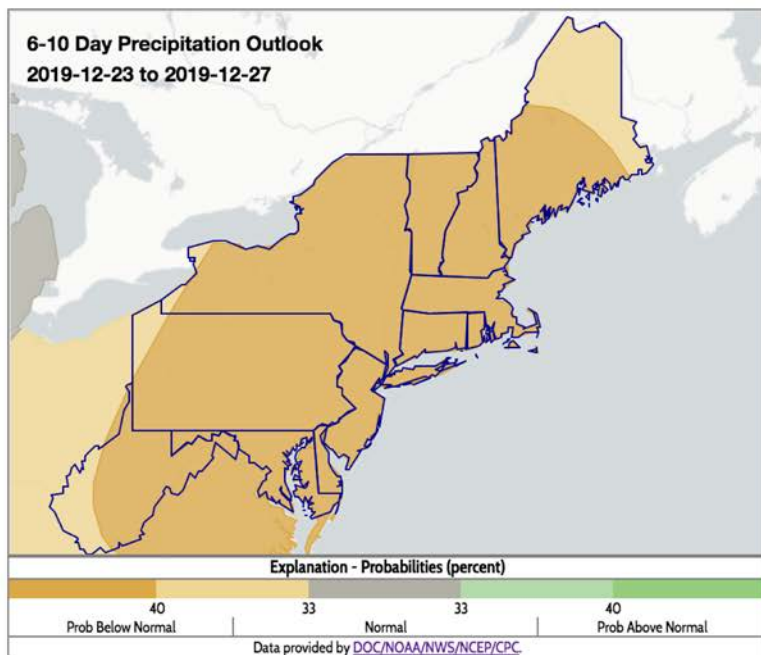
Explanation - Forecast precipitation (inches)



Data provided by [DOC/NOAA/NWS/NCEP/WPC](https://www.noaa.gov/data/monitoring-assessment-data/DOC/NOAA/NWS/NCEP/WPC).



Short-term Outlooks



Contact Information

- 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