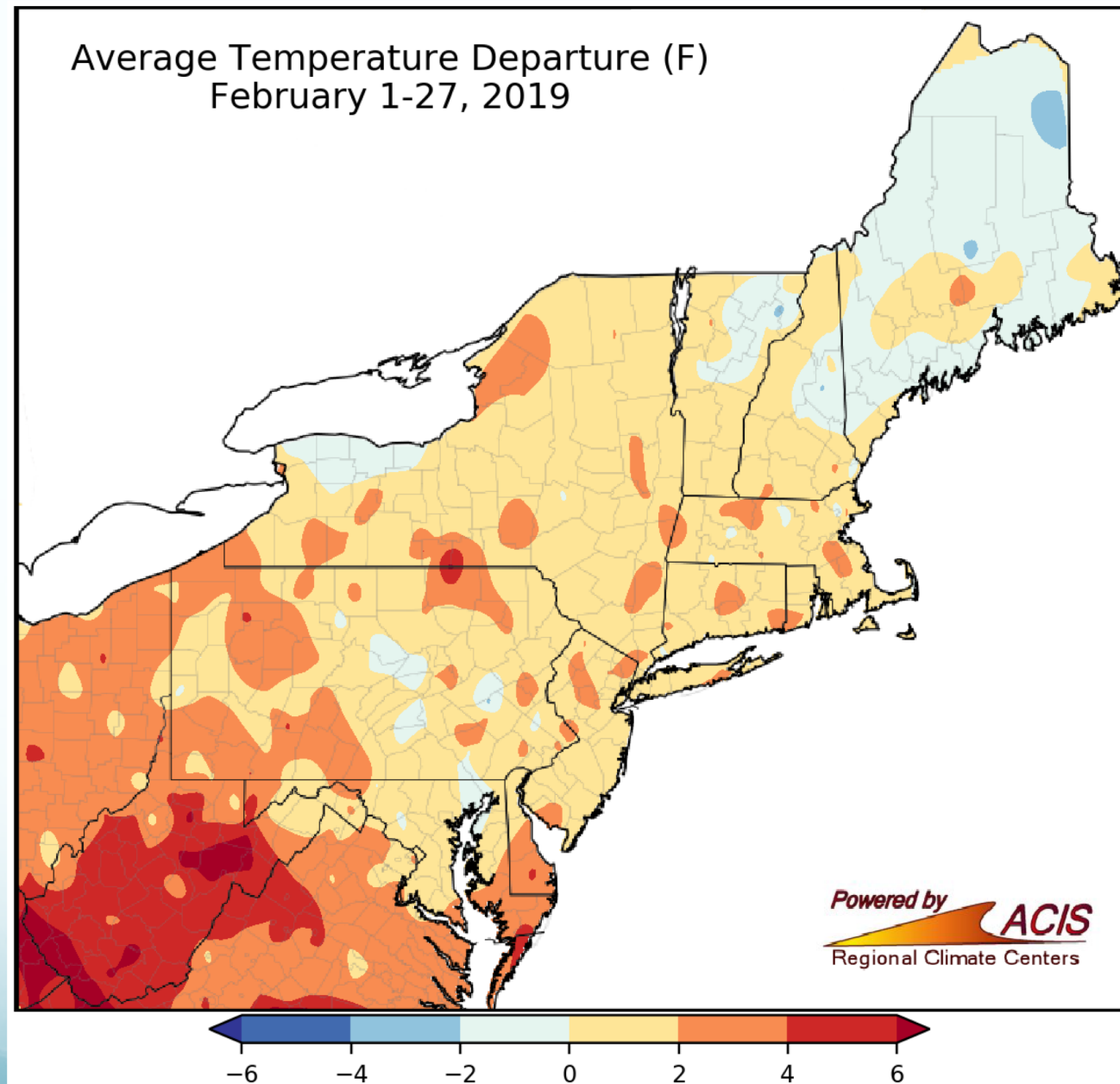


February Recap & Northeast DEWS Discussion

By: Samantha Borisoff, Climatologist
Northeast Regional Climate Center

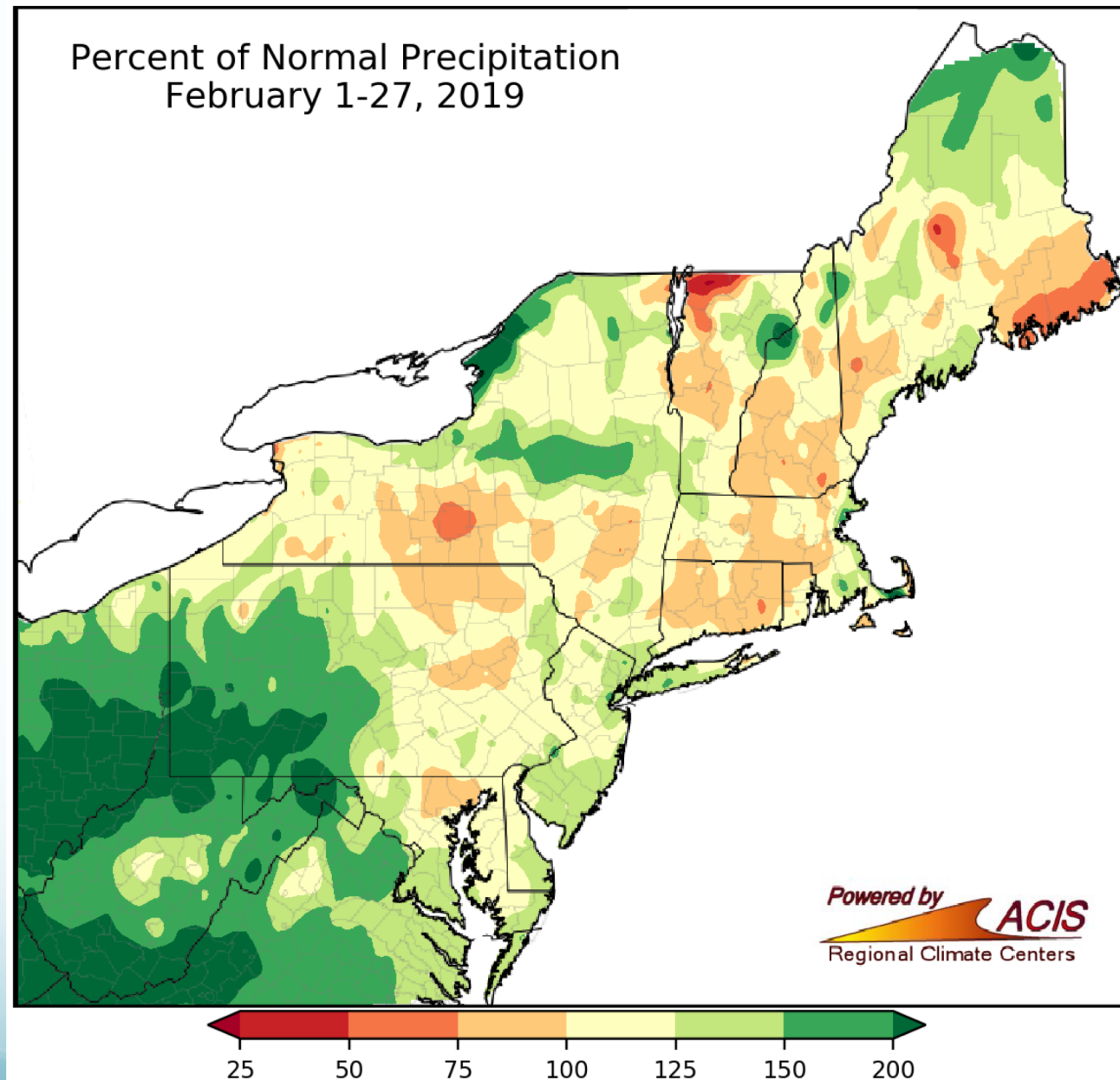


February Temperatures



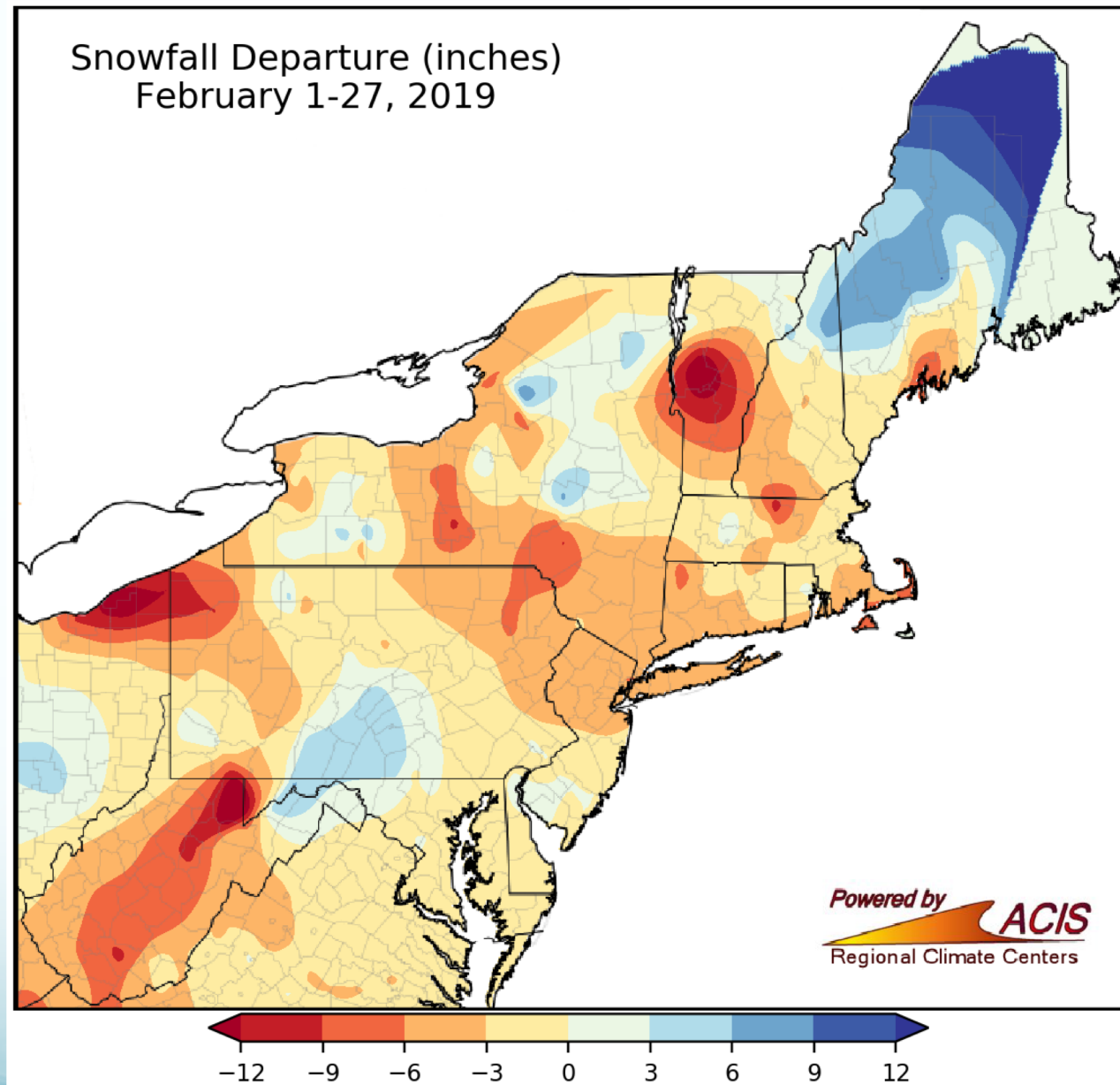
From 2°F below normal to more than 6°F above normal

February Precipitation



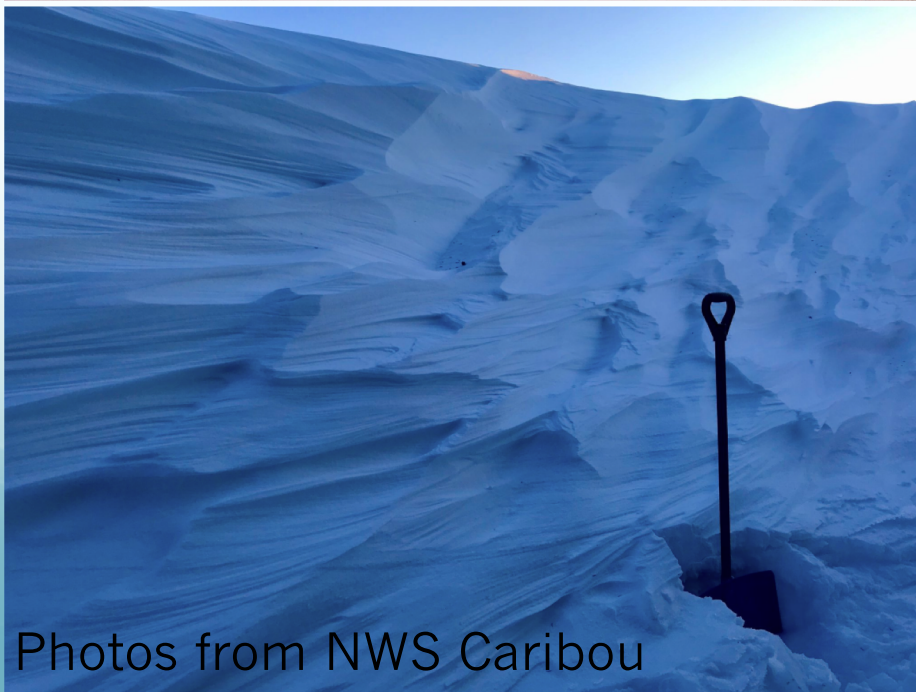
From 50% of normal to more than 200% of normal

February Snowfall



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

Caribou Snow



Photos from NWS Caribou

February 24-25 Wind Event



Peak Wind Gust Reports – Eastern US

February 24-25, 2019 – As of 11:00 am 2/25



Wind Gust (mph)		Wind Gust (mph)		Wind Gust (mph)		Wind Gust (mph)	
Snowshoe WV	88 mph	Brunswick OH	65 mph	Greece NY	60 mph	Tornado WV	56 mph
Whiteface Mountain NY	86 mph	Keyser WV	65 mph	Fort Drum NY	60 mph	NYC – J F Kennedy	56 mph
Oswego NY	80 mph	Columbus–Ohio St Univ	64 mph	Port Clinton OH	59 mph	NYC – La Guardia	55 mph
West Jefferson NC	77 mph	Toledo OH	64 mph	Johnstown PA	59 mph	Farmingdale NY	55 mph
Niagara Falls NY	74 mph	Scipio Center NY	64 mph	Mount Pocono PA	59 mph	Cape May NJ	55 mph
Batavia NY	74 mph	Waitsfield VT	64 mph	Potsdam NY	59 mph	Newark NJ	55 mph
Mount Mansfield VT	74 mph	Millbrook PA	63 mph	Orchard Park NY	59 mph	New Market VA	55 mph
Dunkirk Lighthouse NY	74 mph	Furlong PA	63 mph	Roxbury NY	59 mph	Little Bay NH	55 mph
Canaan Heights WV	74 mph	Wheeling WV	63 mph	Wells VT	59 mph	Elmira NY	54 mph
Fairport Harbor OH	71 mph	Findlay OH	63 mph	Hot Springs VA	59 mph	Philadelphia PA	54 mph
Tontogany OH	70 mph	Sandy Hook NJ	63 mph	Elkins WV	59 mph	Franklin PA	54 mph
Boone NC	70 mph	Grand Island NY	62 mph	Thurmont MD	59 mph	Roanoke VA	54 mph
Warsaw NY	70 mph	North Tonawanda NY	62 mph	Boston MA	58 mph	Staunton VA	54 mph
Shady Grove VA	70 mph	Cohocton NY	62 mph	Frostburg MD	58 mph	Charleston WV	54 mph
Wintergreen VA	70 mph	Port Meadville PA	62 mph	Newark OH	58 mph	Bluefield WV	54 mph
Lima OH	69 mph	Burkes Garden VA	62 mph	Wytheville VA	58 mph	Washington DC - IAD	53 mph
Buffalo NY	69 mph	Hagerstown MD	62 mph	Erie PA	58 mph	Ithaca NY	53 mph
Conneaut OH	69 mph	Wooster OH	61 mph	Binghamton NY	58 mph	Indiana PA	53 mph
Hessville NY	69 mph	Canton-Akron OH	61 mph	Washington DC – Catholic Univ	58 mph	Butler PA	53 mph
Blowing Rock NC	69 mph	Chardon OH	61 mph	Gaithersburg MD	58 mph	Woods Hole MA	53 mph
Harrisburg NY	68 mph	Youngstown OH	61 mph	Ontario NY	57 mph	Worcester MA	53 mph
Grayson VA	68 mph	Marysville OH	61 mph	Dayton OH	57 mph	Bennington VT	52 mph
Jefferson NC	68 mph	Ottawa OH	61 mph	Underhill Center VT	57 mph	Jamestown NY	52 mph
Cleveland OH	67 mph	Altoona PA	61 mph	Andrews AFB MD	56 mph	Beaver Falls PA	52 mph
Lorain OH	67 mph	Pittsburgh PA	61 mph	Dubois PA	56 mph	New Castle PA	52 mph
Latrobe PA	66 mph	Medina NY	61 mph	Syracuse NY	56 mph	Clarksburg WV	52 mph
Rochester NY	66 mph	Lewisburg WV	61 mph	Penn Yan NY	56 mph	Beckley WV	52 mph
Fredonia NY	66 mph	Cumberland MD	61 mph	Wilmington OH	56 mph	Moosic PA	51 mph
Medina NY	66 mph	Pittsfield MA	61 mph	Zanesville OH	56 mph	State College PA	51 mph
Bayville NY	66 mph	Mansfield OH	60 mph	Watertown NY	56 mph	St Mary's PA	51 mph
Eatons Neck NY	66 mph	Penhook VA	60 mph	Ashtabula OH	56 mph	Cincinnati OH	51 mph
Martinsburg WV	66 mph	Beach Haven NJ	60 mph	Springfield OH	56 mph	Huntington WV	51 mph
Lockport NY	65 mph	Cambridge VT	60 mph	Kenbridge VA	56 mph	Wilmington DE	51 mph
Delevan NY	65 mph	Westford MA	60 mph			Atlantic City NJ	51 mph

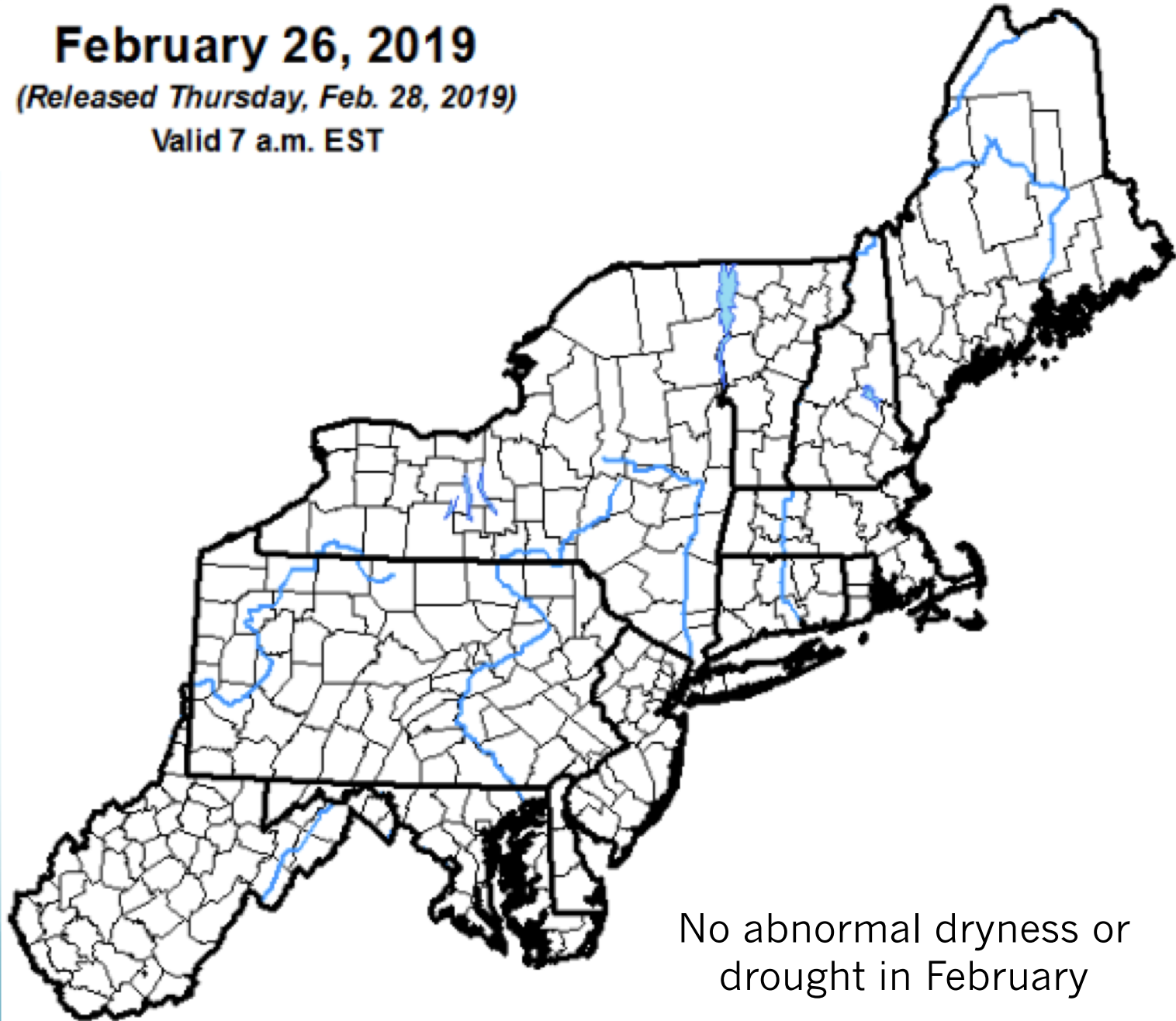
Pittsburgh Airport's highest non-thunderstorm wind gust since 1952

Drought Monitor

February 26, 2019

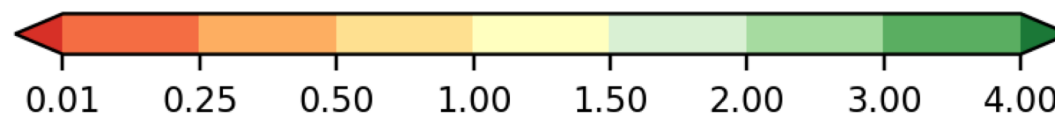
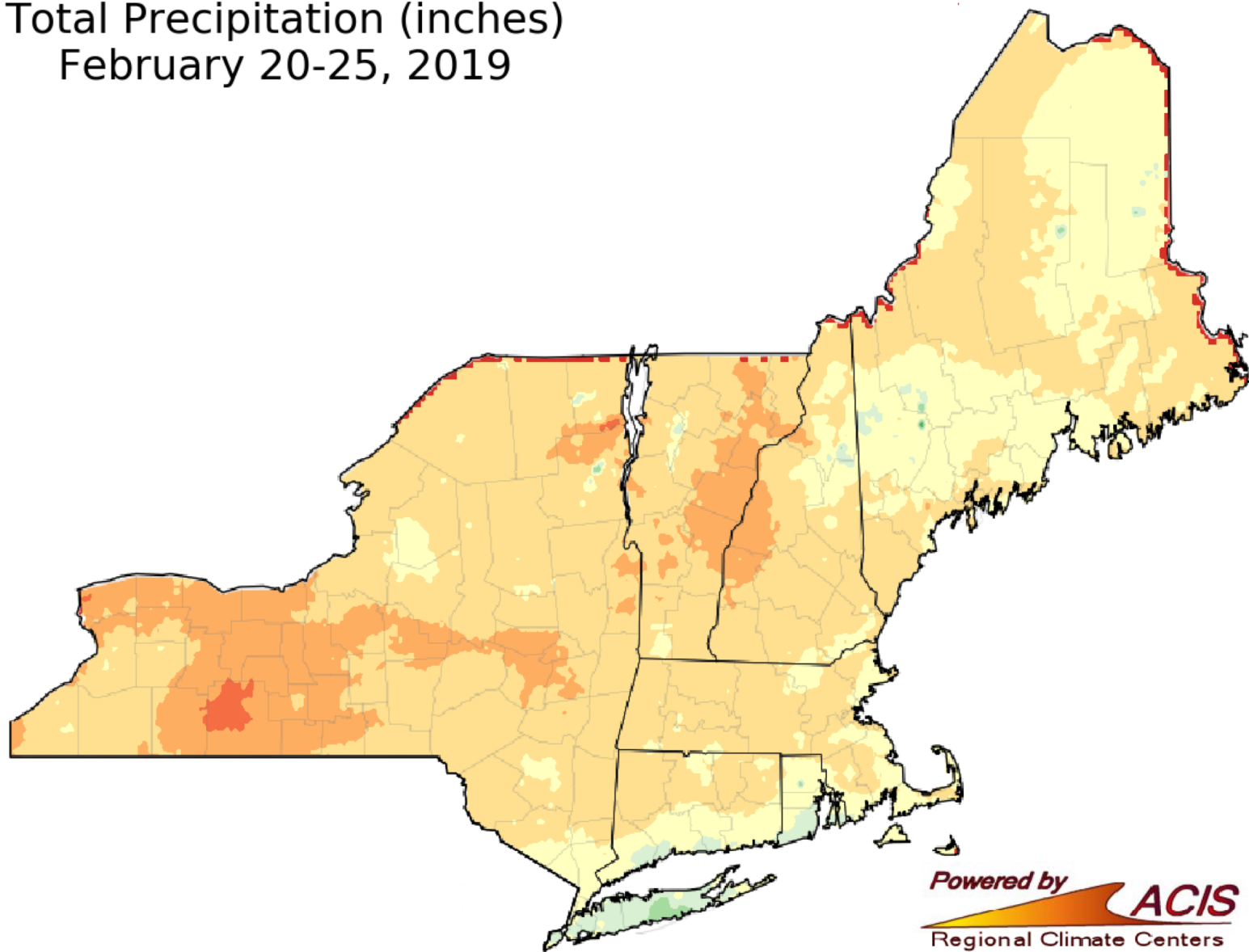
(Released Thursday, Feb. 28, 2019)

Valid 7 a.m. EST

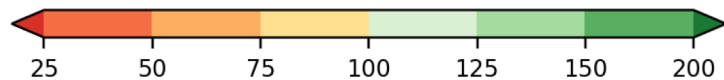
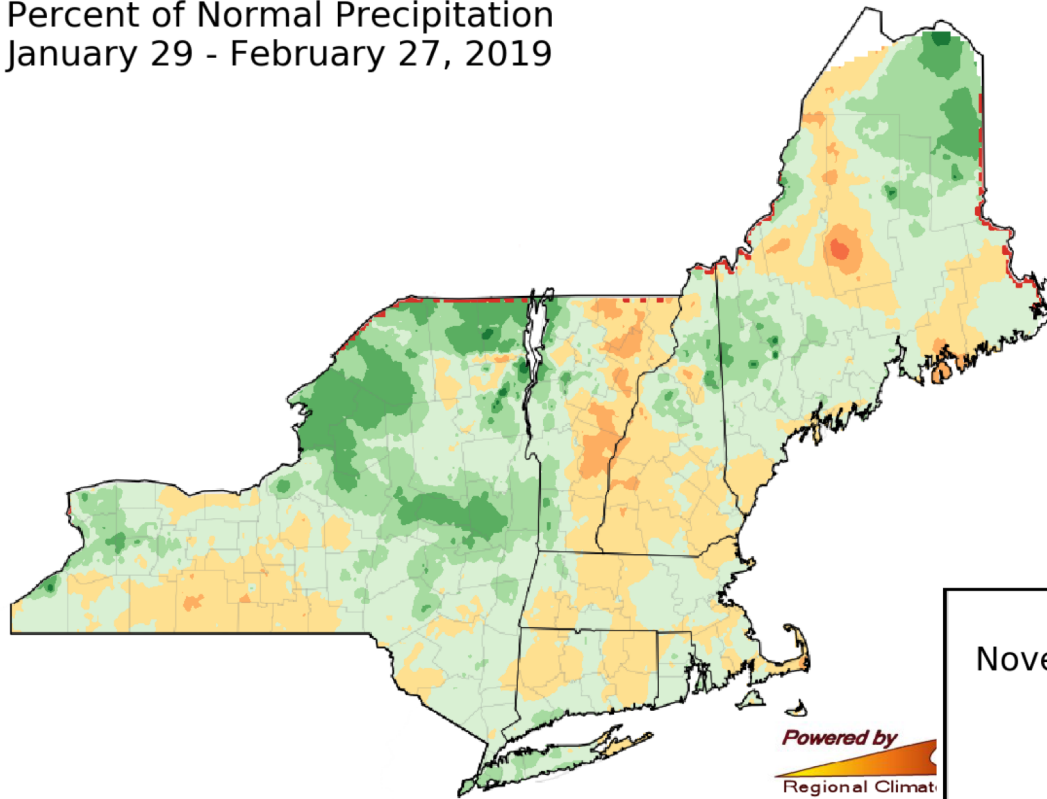


No abnormal dryness or
drought in February

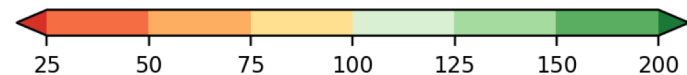
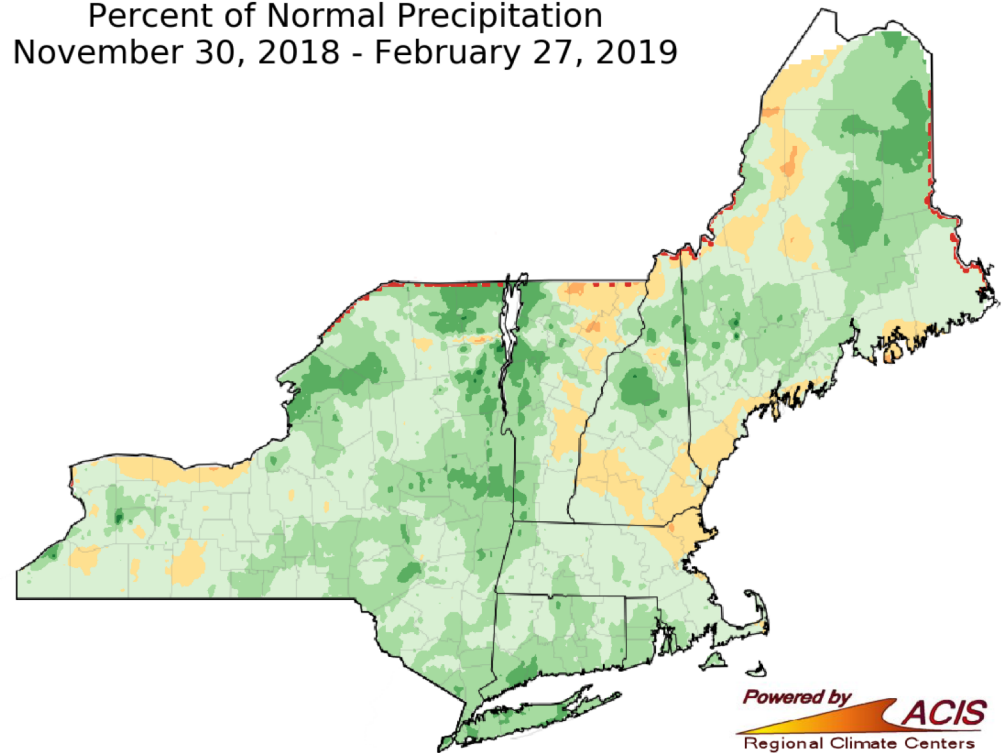
Total Precipitation (inches)
February 20-25, 2019

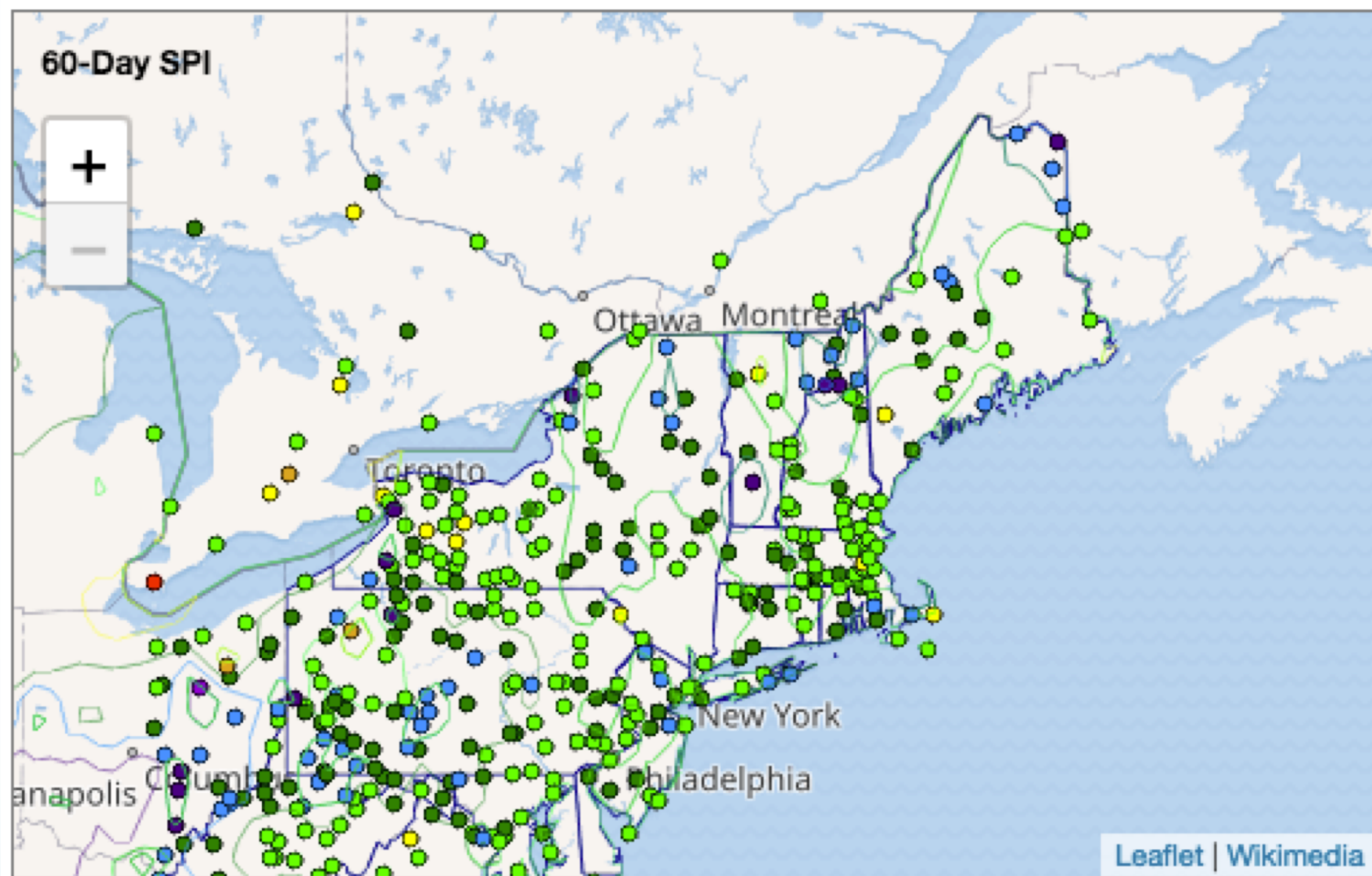


Percent of Normal Precipitation
January 29 - February 27, 2019



Percent of Normal Precipitation
November 30, 2018 - February 27, 2019



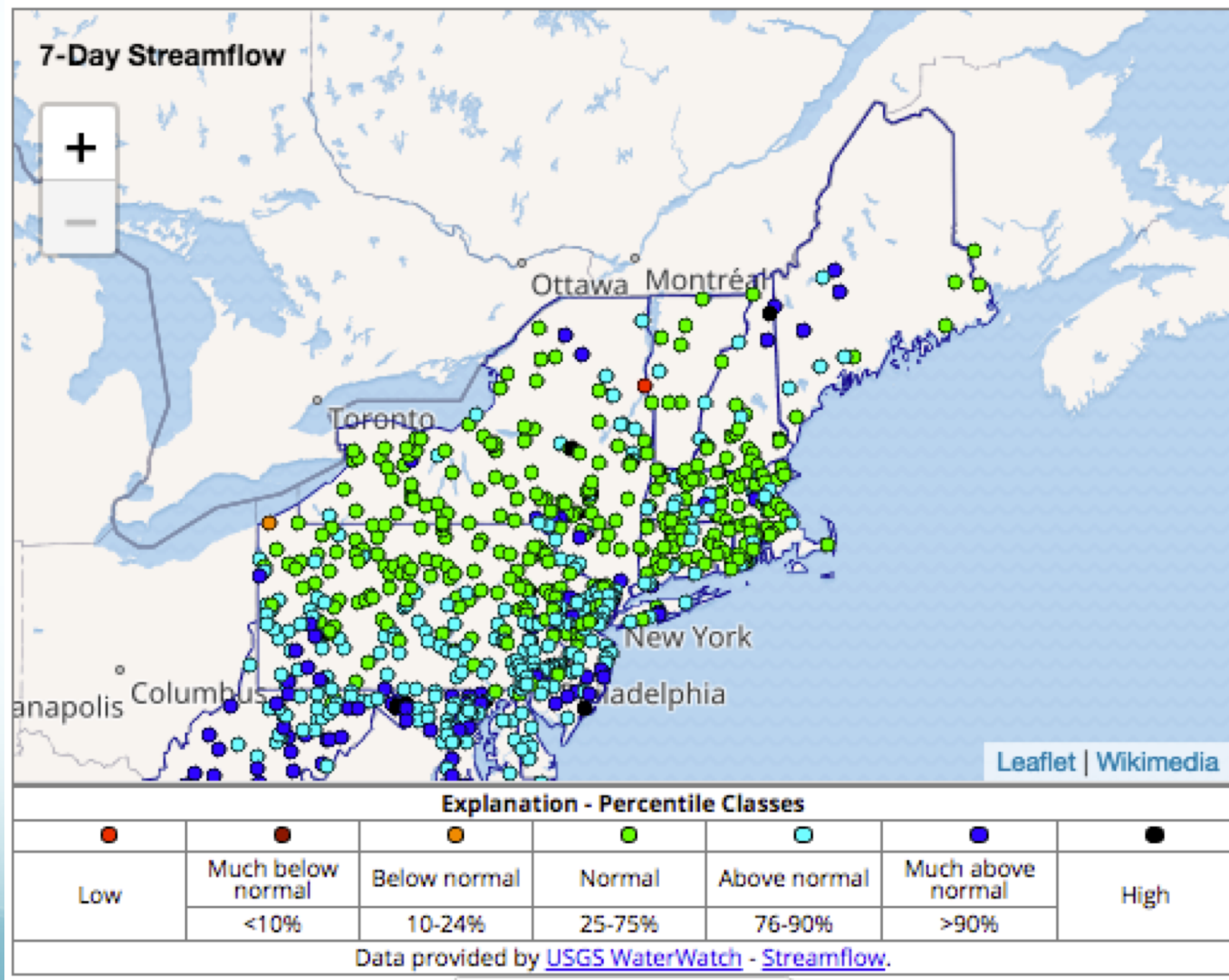


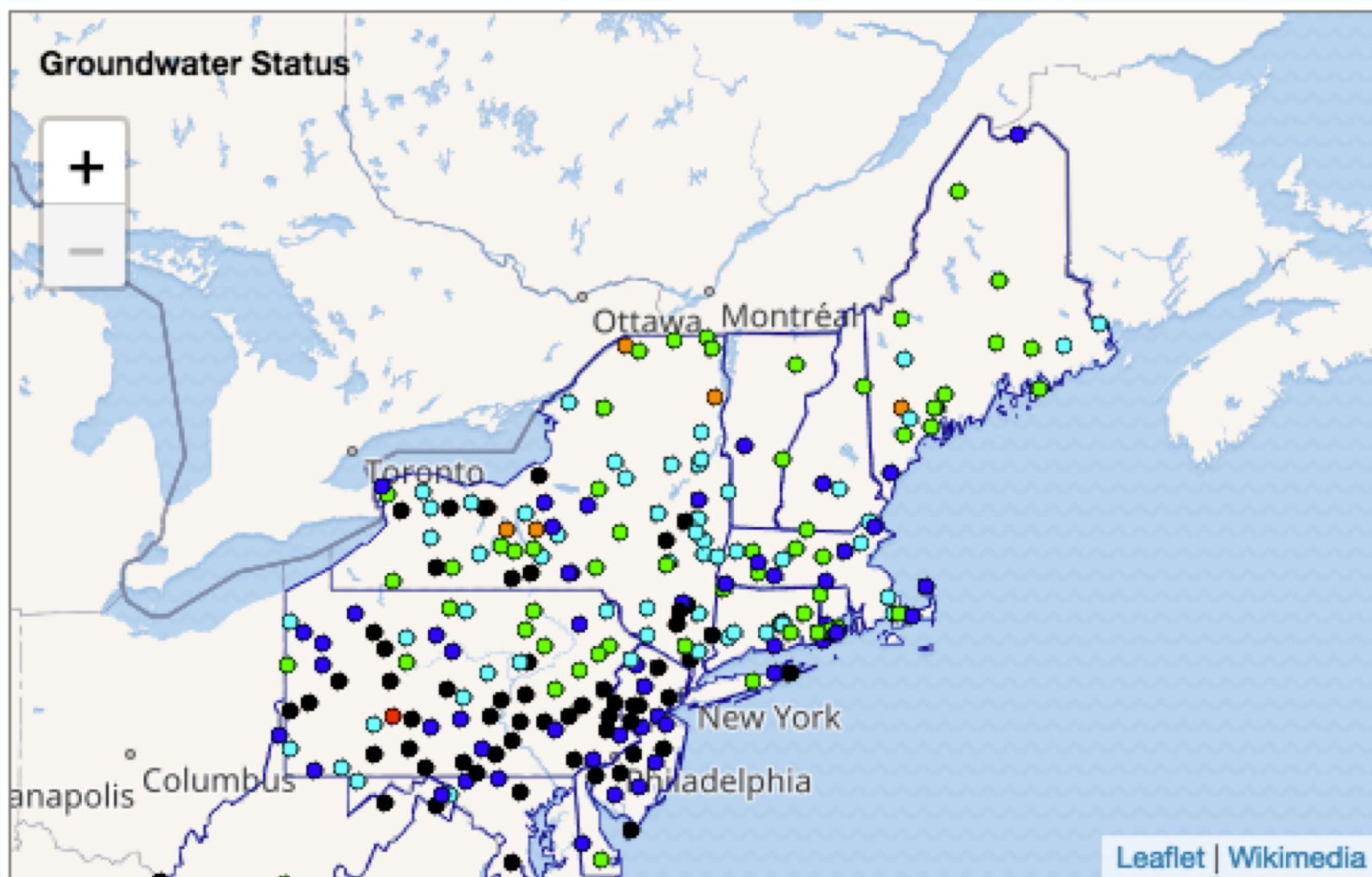
Explanation - SPI Levels

<-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

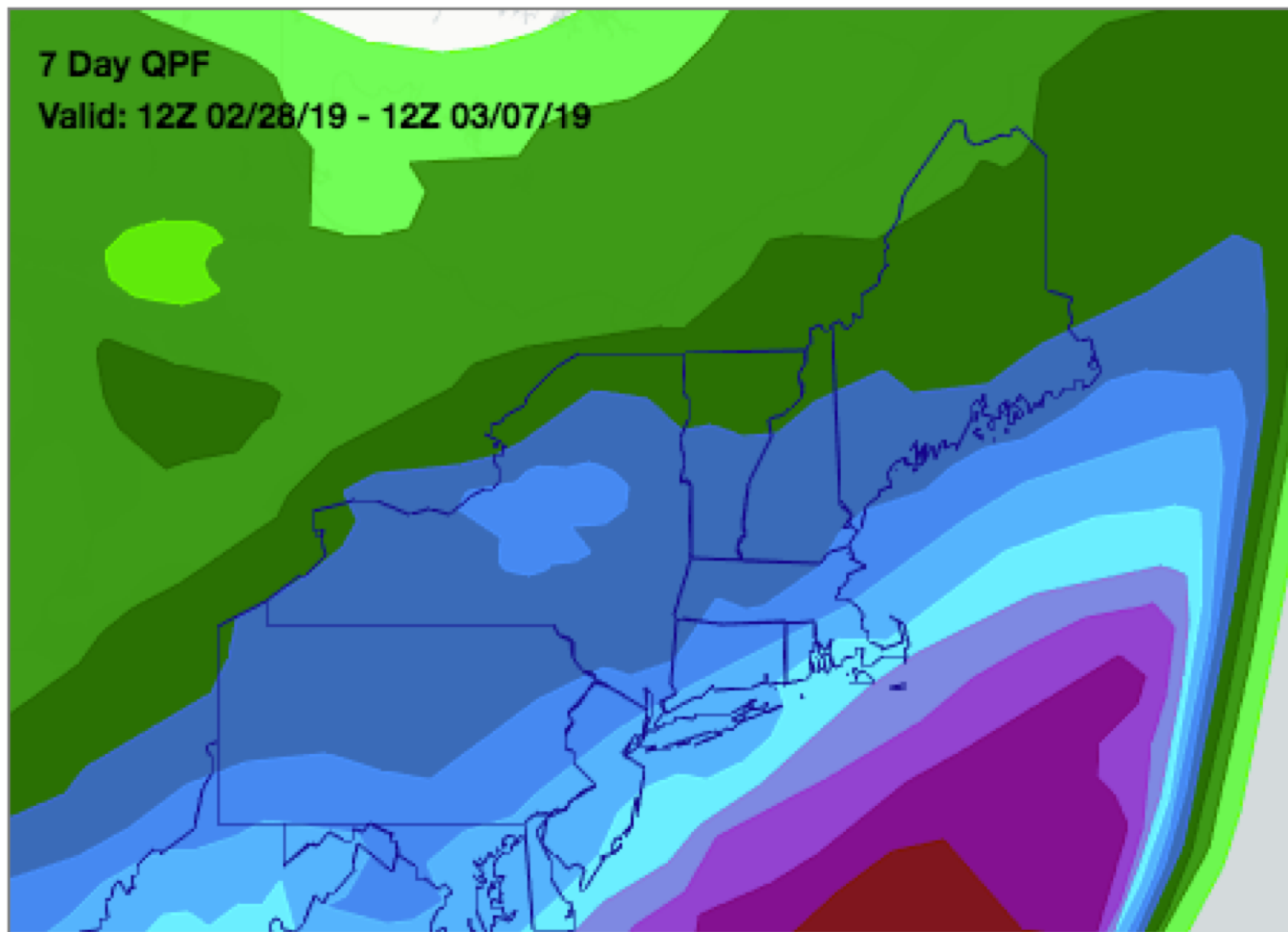
Low		Much below normal	Below normal	Normal	Above normal	Much above normal	High
		<10%	10-24%	25-75%	76-90%	>90%	

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

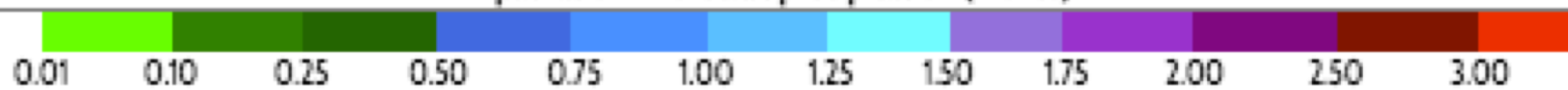


7 Day QPF

Valid: 12Z 02/28/19 - 12Z 03/07/19



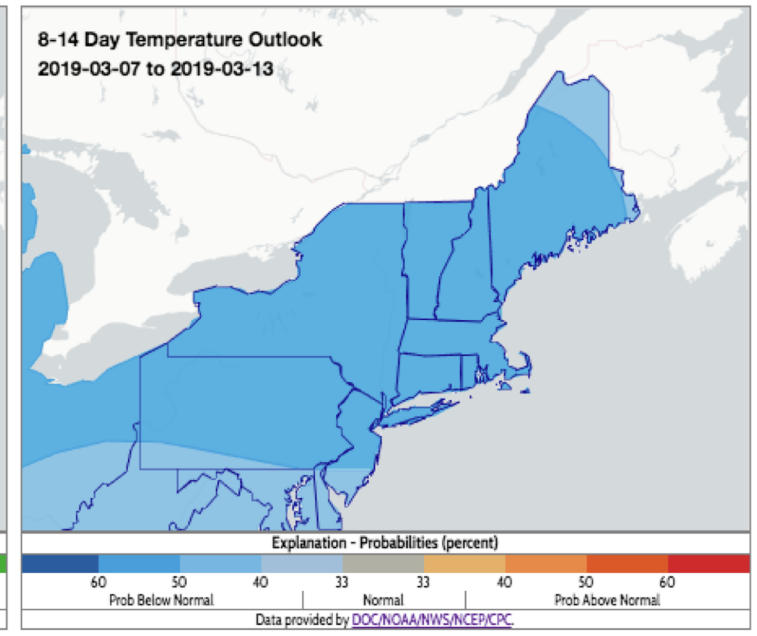
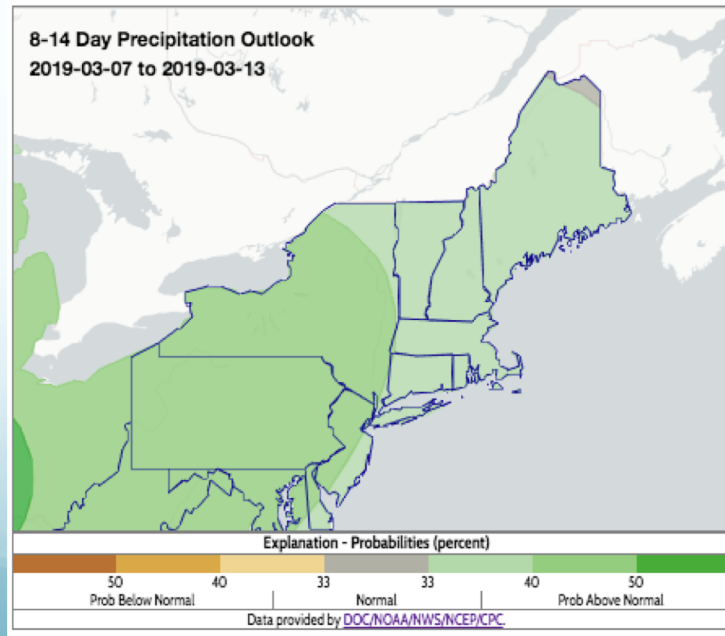
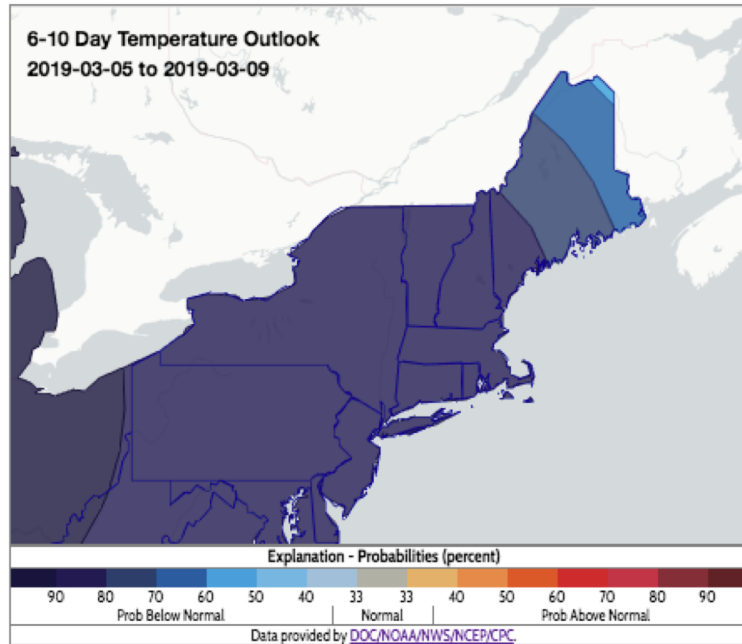
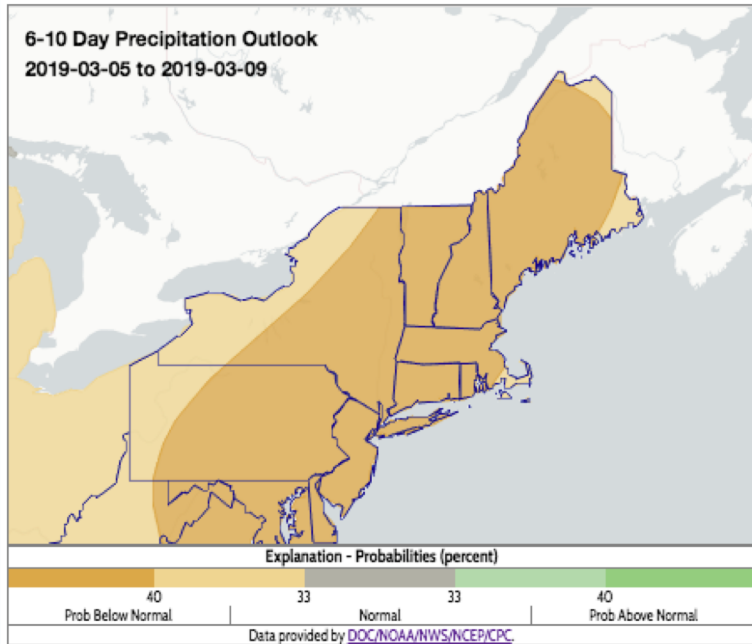
Explanation - Forecast precipitation (inches)



Data provided by [DOC/NOAA/NWS/NCEP/WPC](#).



Short-term Outlooks



Contact Information

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

Upcoming Webinars

- Thursday, March 28 at 9:30 am
 - Spring Flood Outlook
- Tuesday, April 30 at 9:30 am
- Thursday, May 30 at 9:30 am
 - Heat Health
- Thursday, June 27 at 9:30 am

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