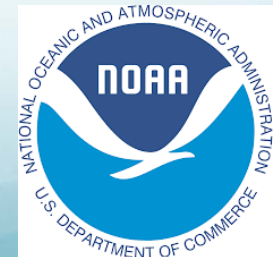


January Review & Northeast DEWS Discussion

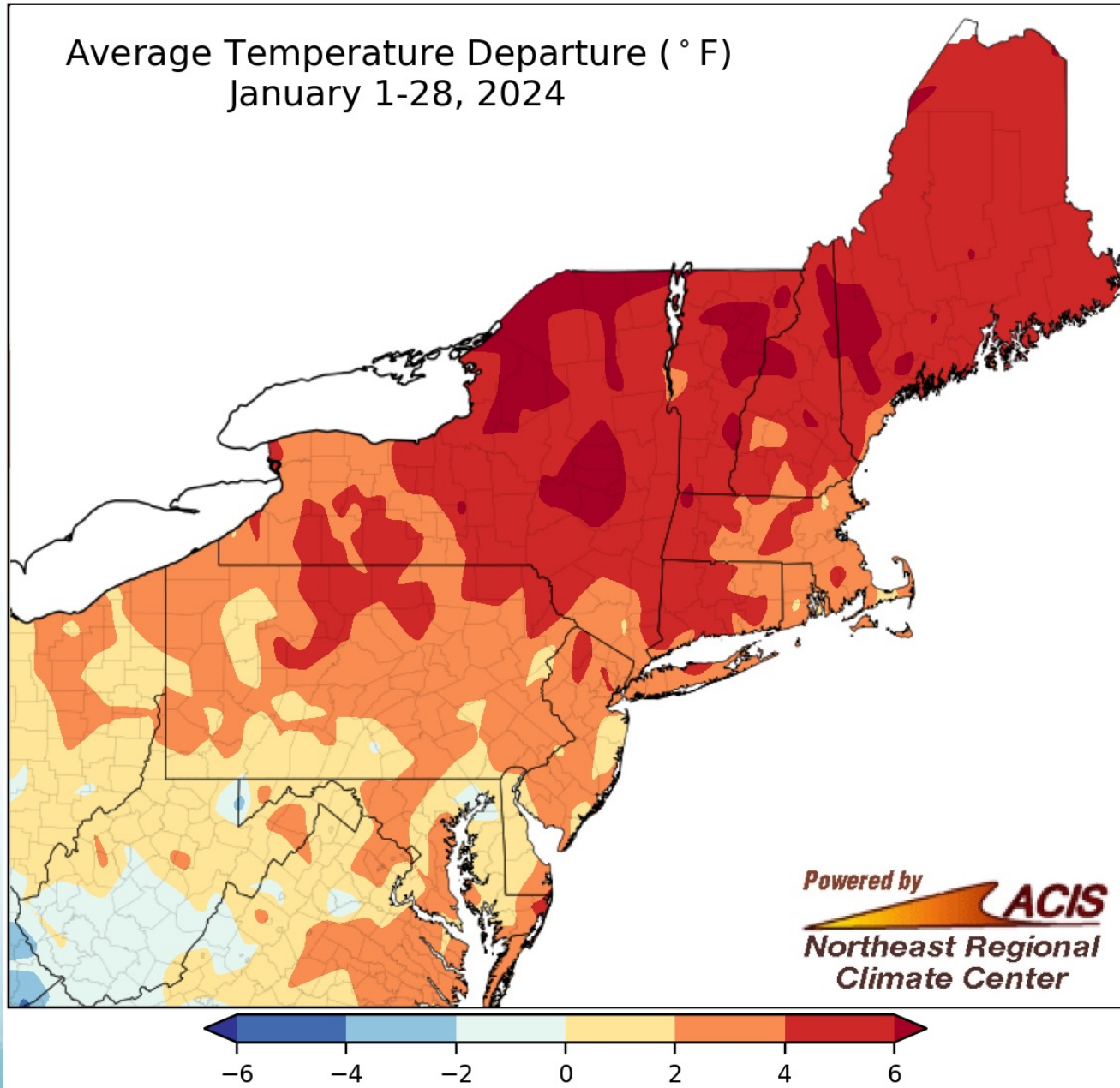
By: Samantha Borisoff, Climatologist
Northeast Regional Climate Center



Northeast Regional
Climate Center

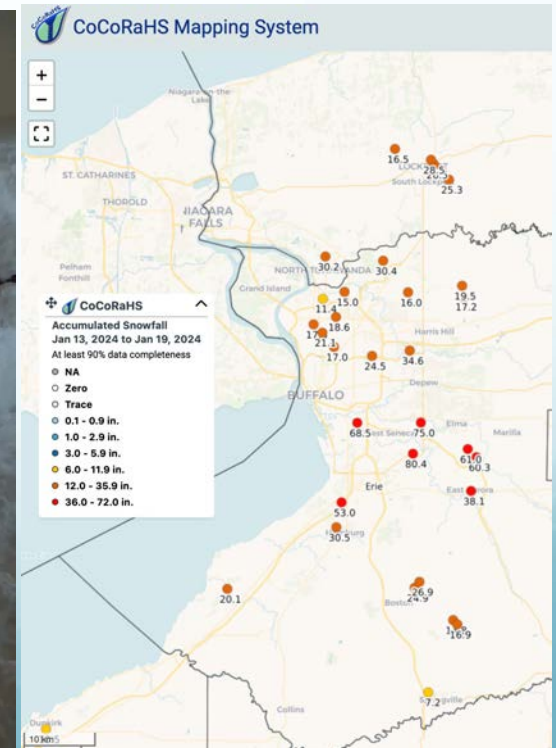
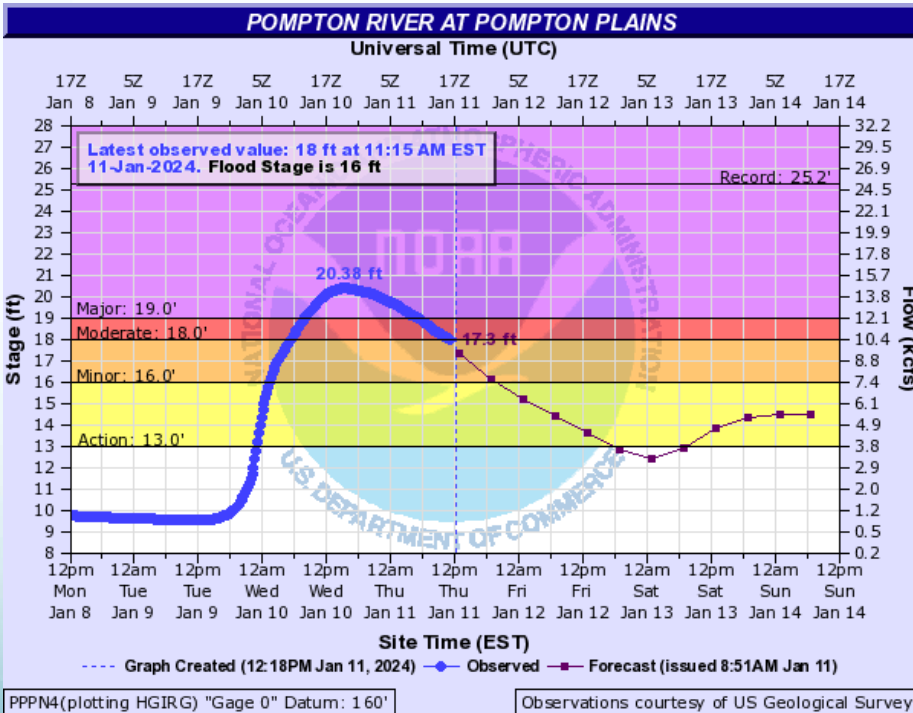
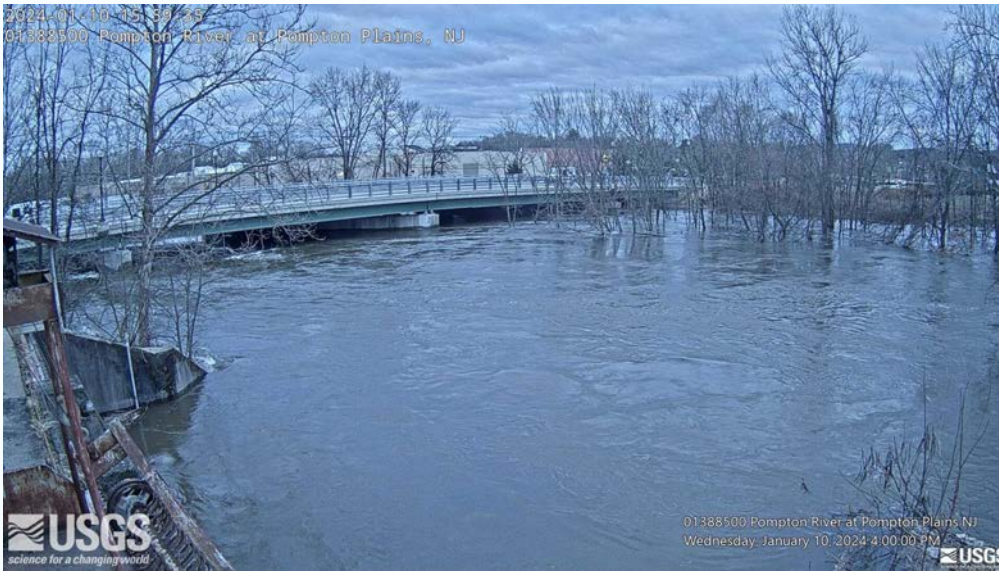


January Temperatures



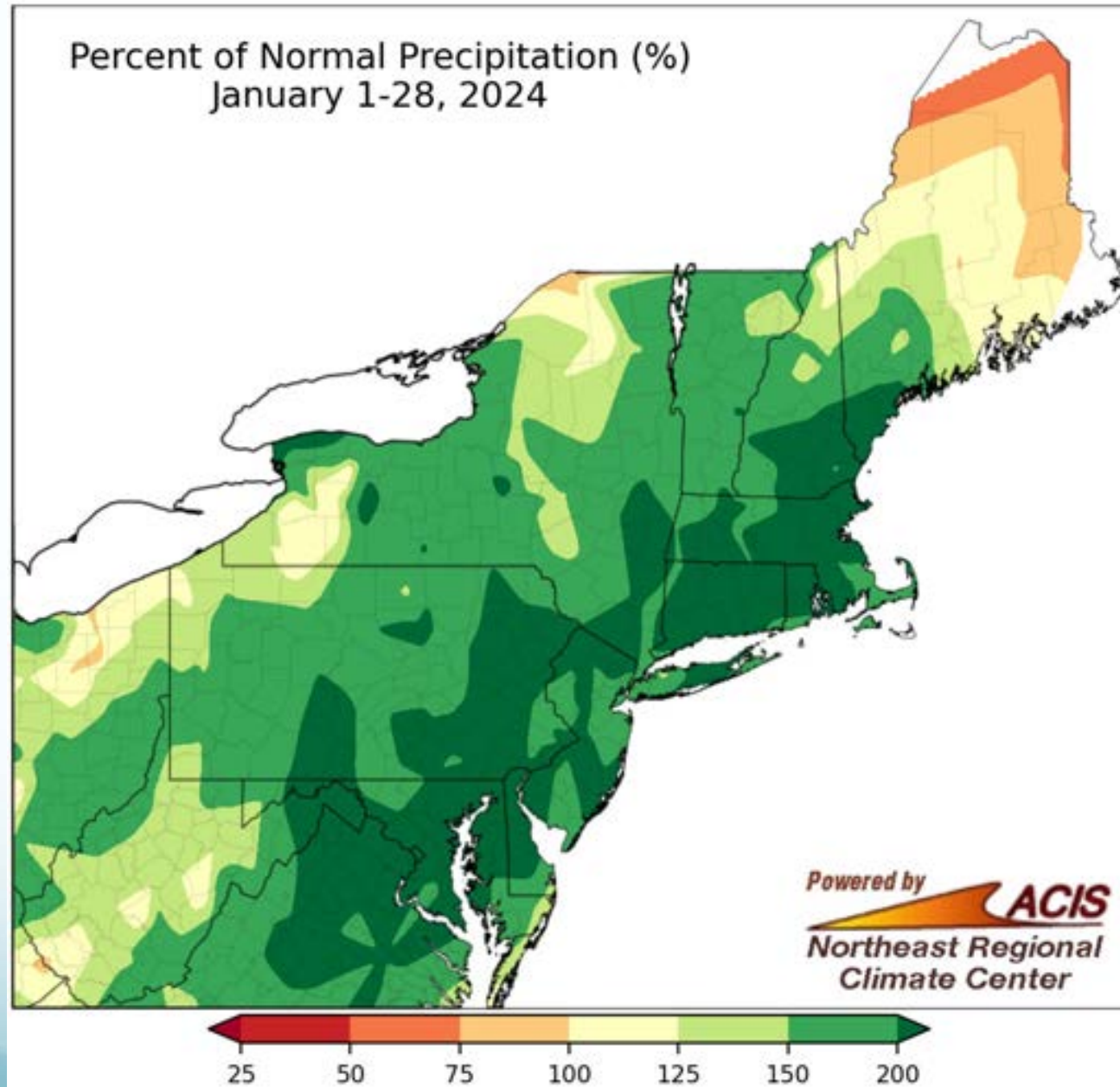
From 2°F below normal to more than 6°F above normal

January Storms



Courtesy of
Jason
Alumbaugh

January Precipitation

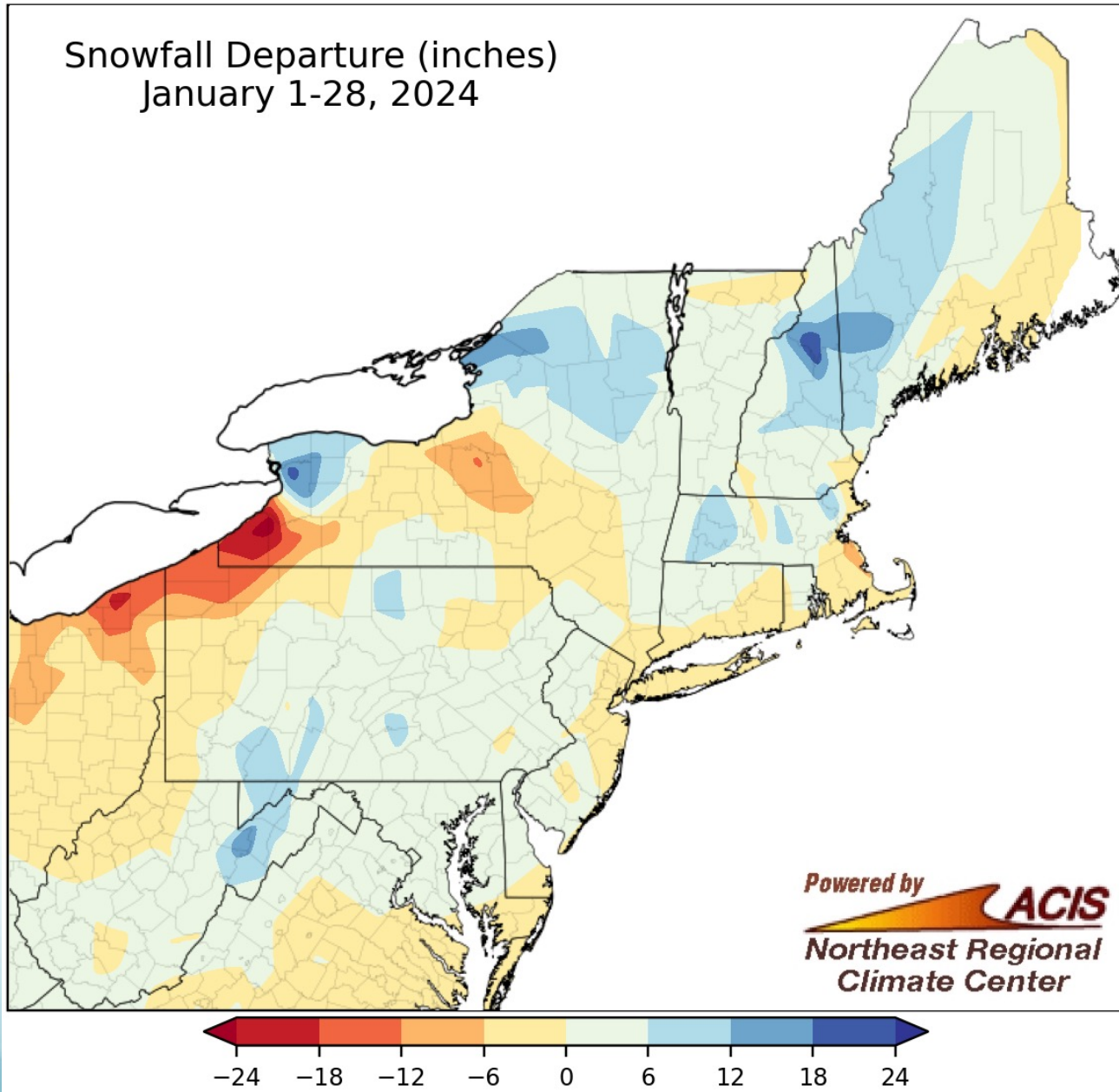


From 75% of normal to more than 200% of normal



January Snowfall

Snowfall Departure (inches)
January 1-28, 2024

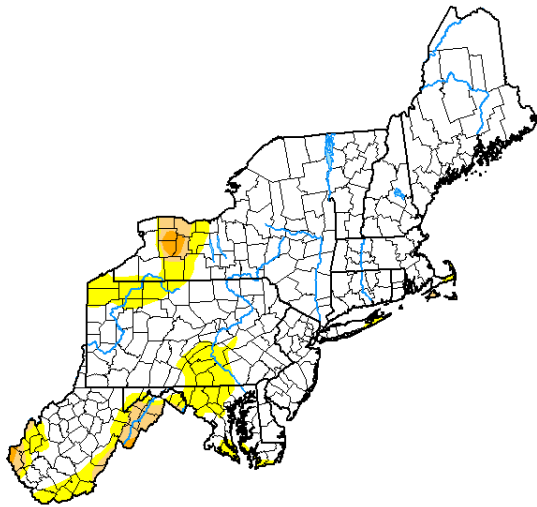


From 24" below normal to 18" above normal



Drought Monitor

U.S. Drought Monitor Northeast



December 26, 2023
(Released Thursday, Dec. 28, 2023)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
Current	85.18	11.44	2.71	0.68	0.00	0.00
Last Week 12-19-2023	83.93	12.68	2.71	0.68	0.00	0.00
3 Months Ago 09-26-2023	88.48	10.08	1.36	0.08	0.00	0.00
Start of Calendar Year 01-03-2023	90.64	9.16	0.21	0.00	0.00	0.00
Start of Water Year 09-26-2023	88.48	10.08	1.36	0.08	0.00	0.00
One Year Ago 12-27-2022	90.59	9.21	0.21	0.00	0.00	0.00

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

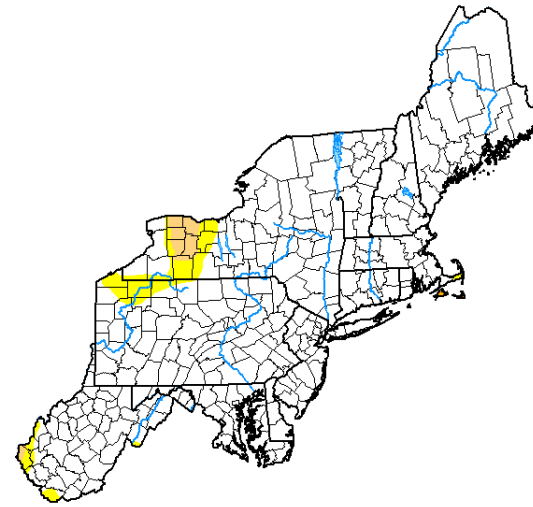
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:
Rocky Billotta
NCEI/NOAA



droughtmonitor.unl.edu

U.S. Drought Monitor Northeast



January 23, 2024
(Released Thursday, Jan. 25, 2024)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
Current	94.62	3.95	1.37	0.07	0.00	0.00
Last Week 01-16-2024	94.58	3.99	1.37	0.07	0.00	0.00
3 Months Ago 10-24-2023	83.24	14.73	1.76	0.27	0.00	0.00
Start of Calendar Year 01-03-2024	87.20	10.30	1.83	0.67	0.00	0.00
Start of Water Year 09-26-2023	88.48	10.08	1.36	0.08	0.00	0.00
One Year Ago 01-24-2023	95.28	4.52	0.21	0.00	0.00	0.00

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

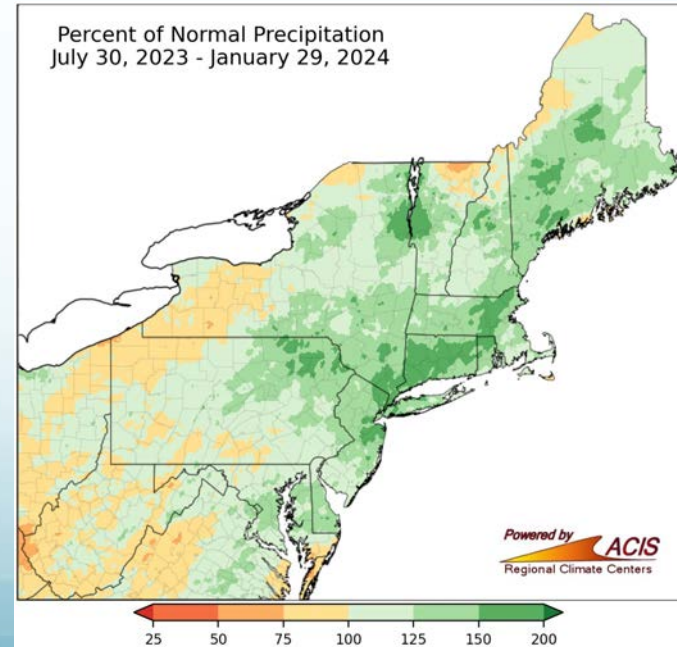
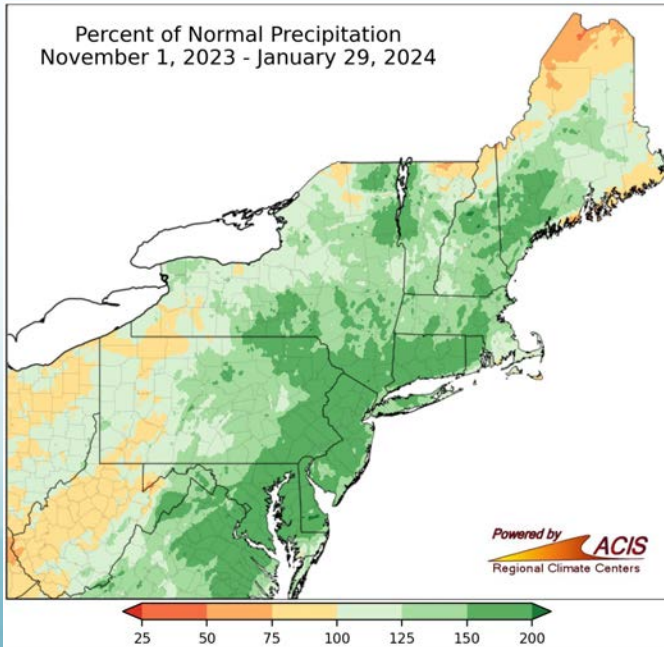
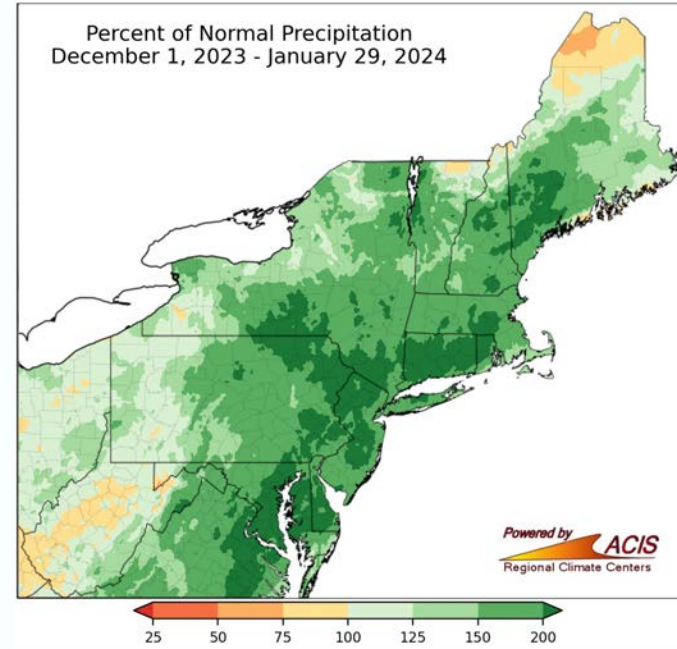
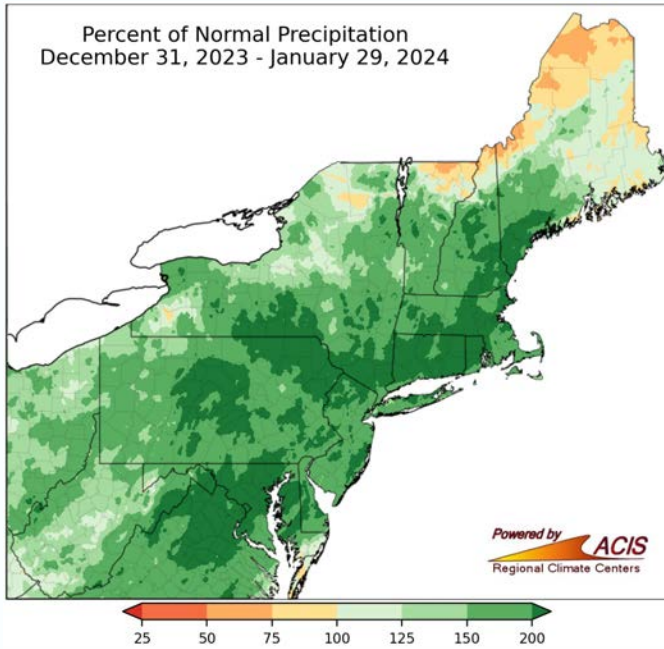
Author:
Brian Fuchs
National Drought Mitigation Center



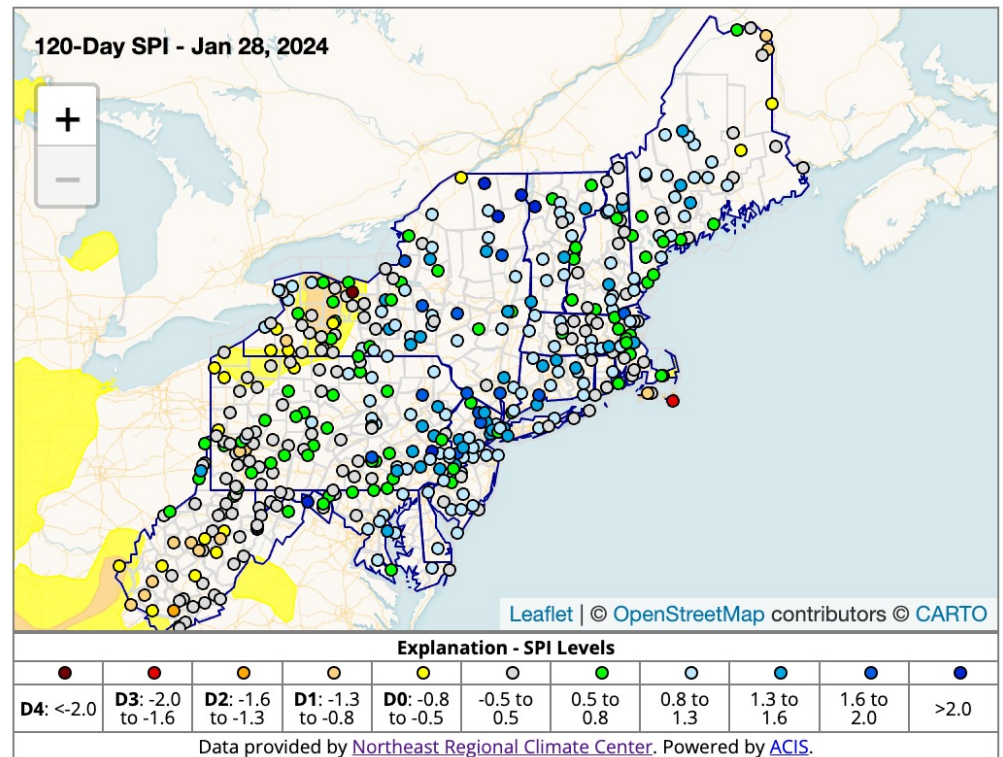
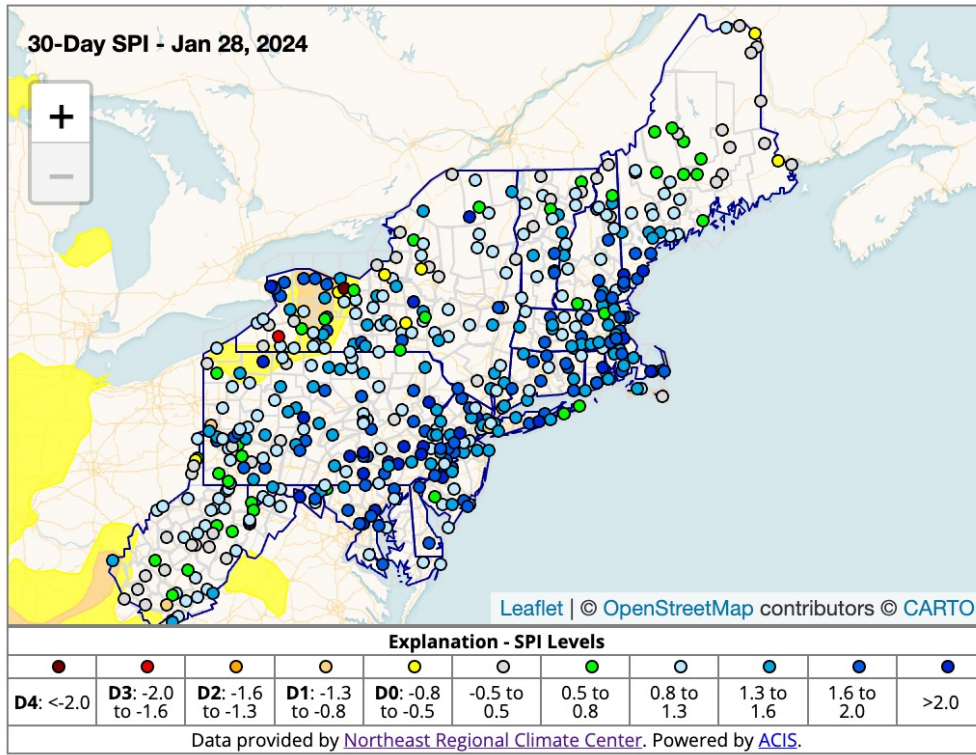
droughtmonitor.unl.edu



Precipitation



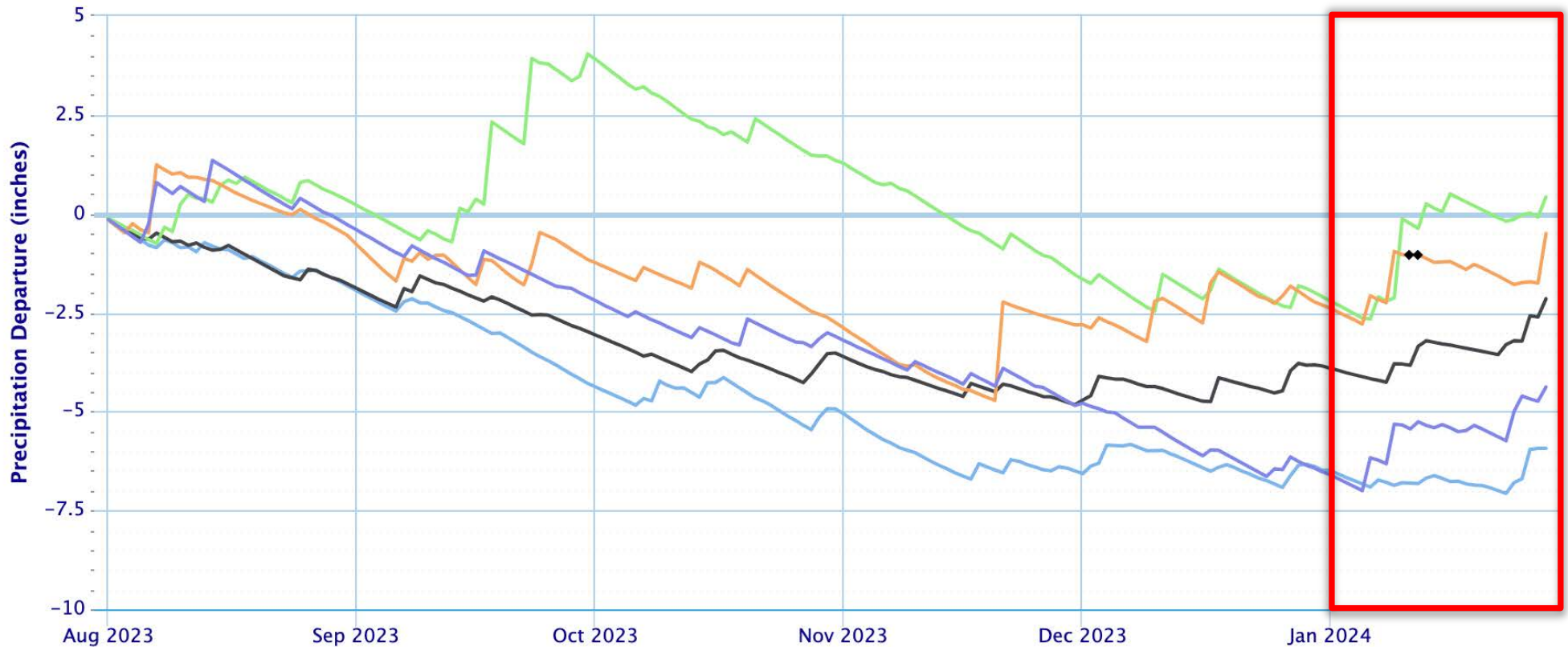
Standardized Precipitation Index



Precipitation

Accumulated Precipitation Departure from Normal

Green/black diamonds represent subsequent/missing values



(Click to hide/show lines)

SILVER SPRINGS 3N, NY: Precip Dprt
HAGERSTOWN 1 E, MD: Precip Dprt

DANSVILLE MUNICIPAL AIRPORT, NY: Precip Dprt
Huntington Area, WV (ThreadEx): Precip Dprt

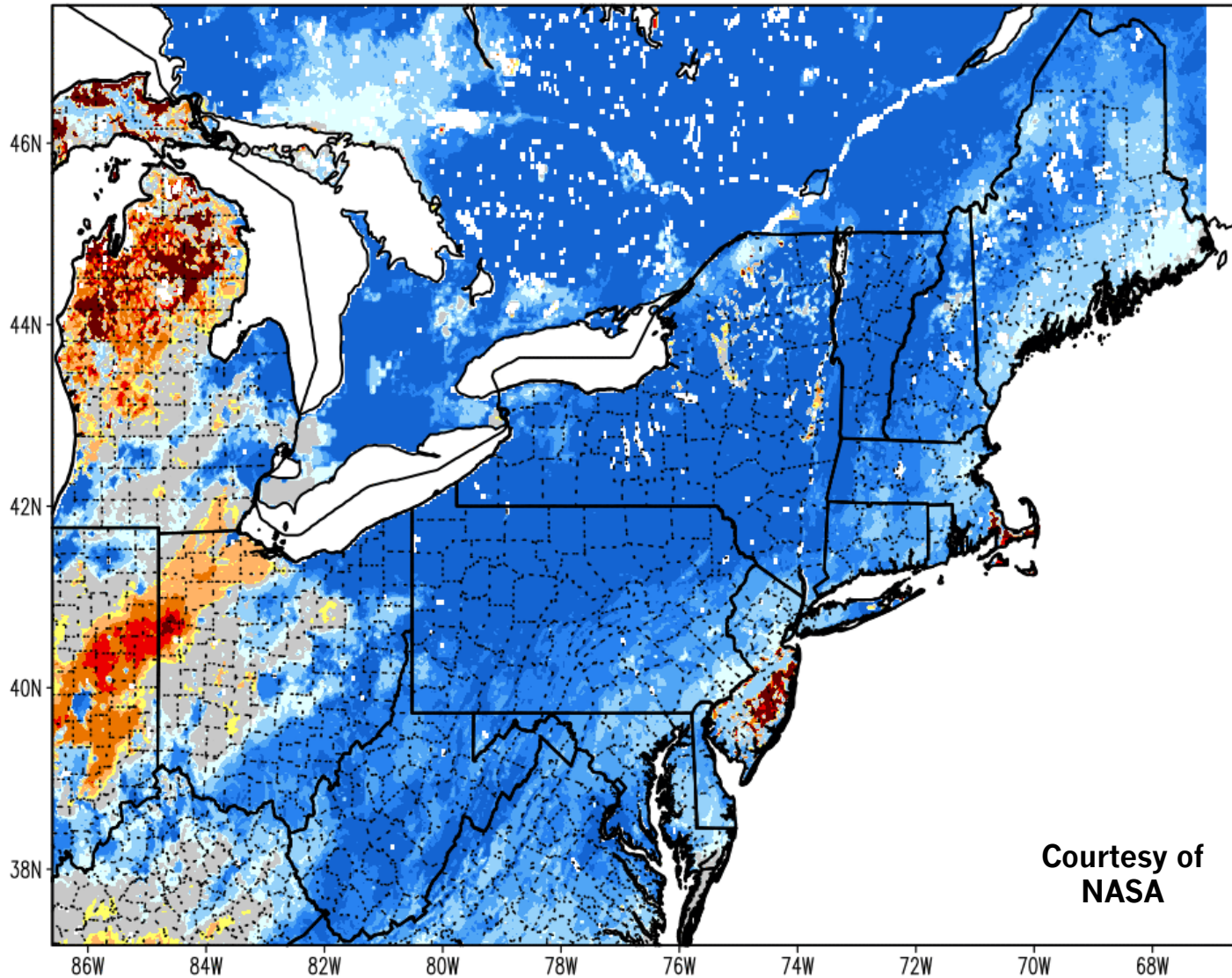
VINEYARD HAVEN MARTHAS VINEYARD AP, MA: Precip Dprt

Powered by ACIS



Soil Moisture

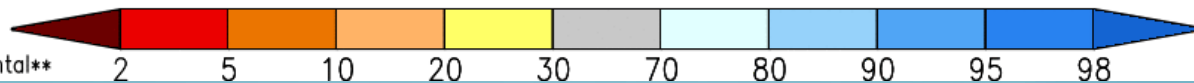
SPoRT-LIS 0-100 cm Soil Moisture percentile valid 30 Jan 2024



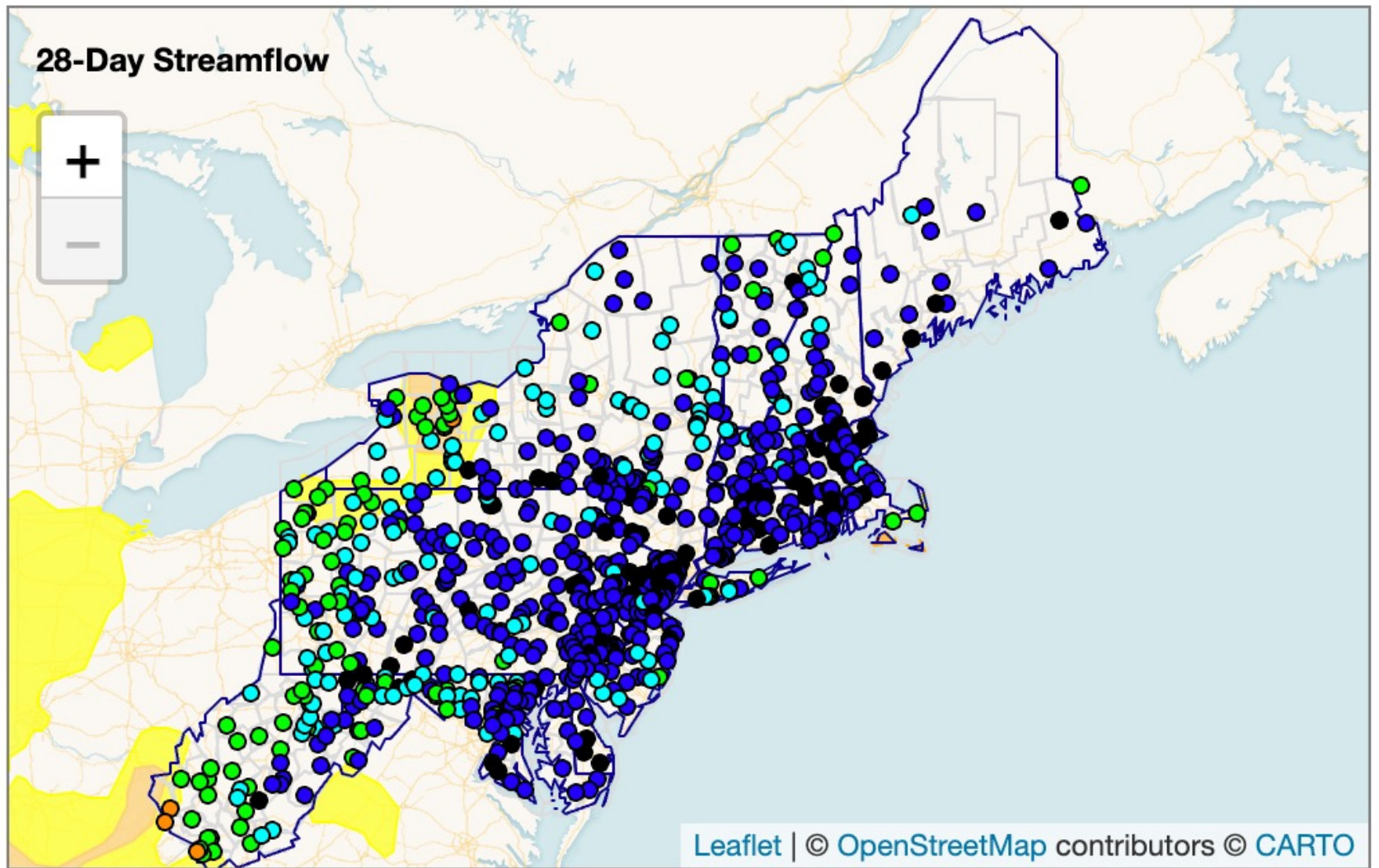
Courtesy of
NASA



NOTE
Experimental



Streamflow



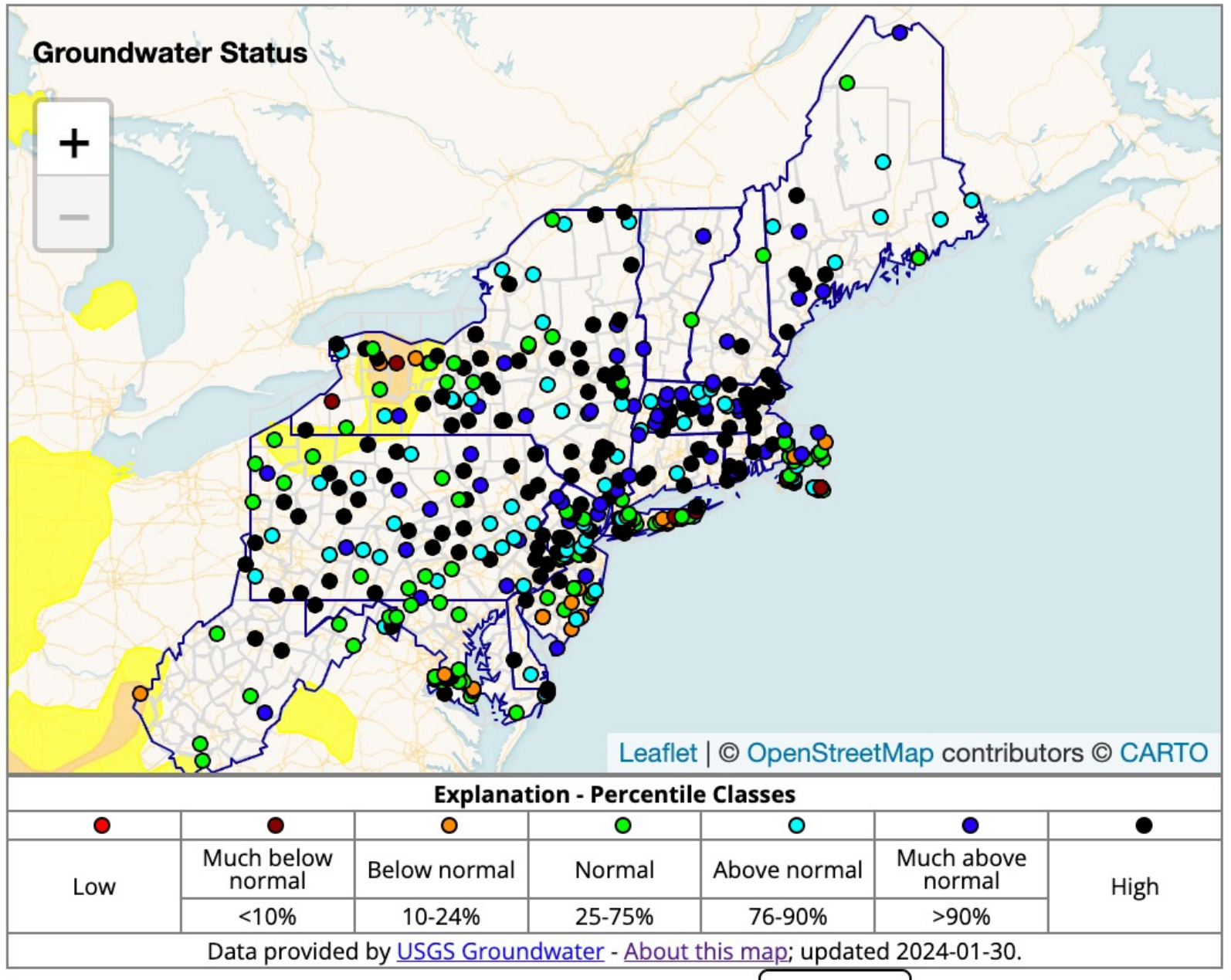
Explanation - Percentile Classes

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

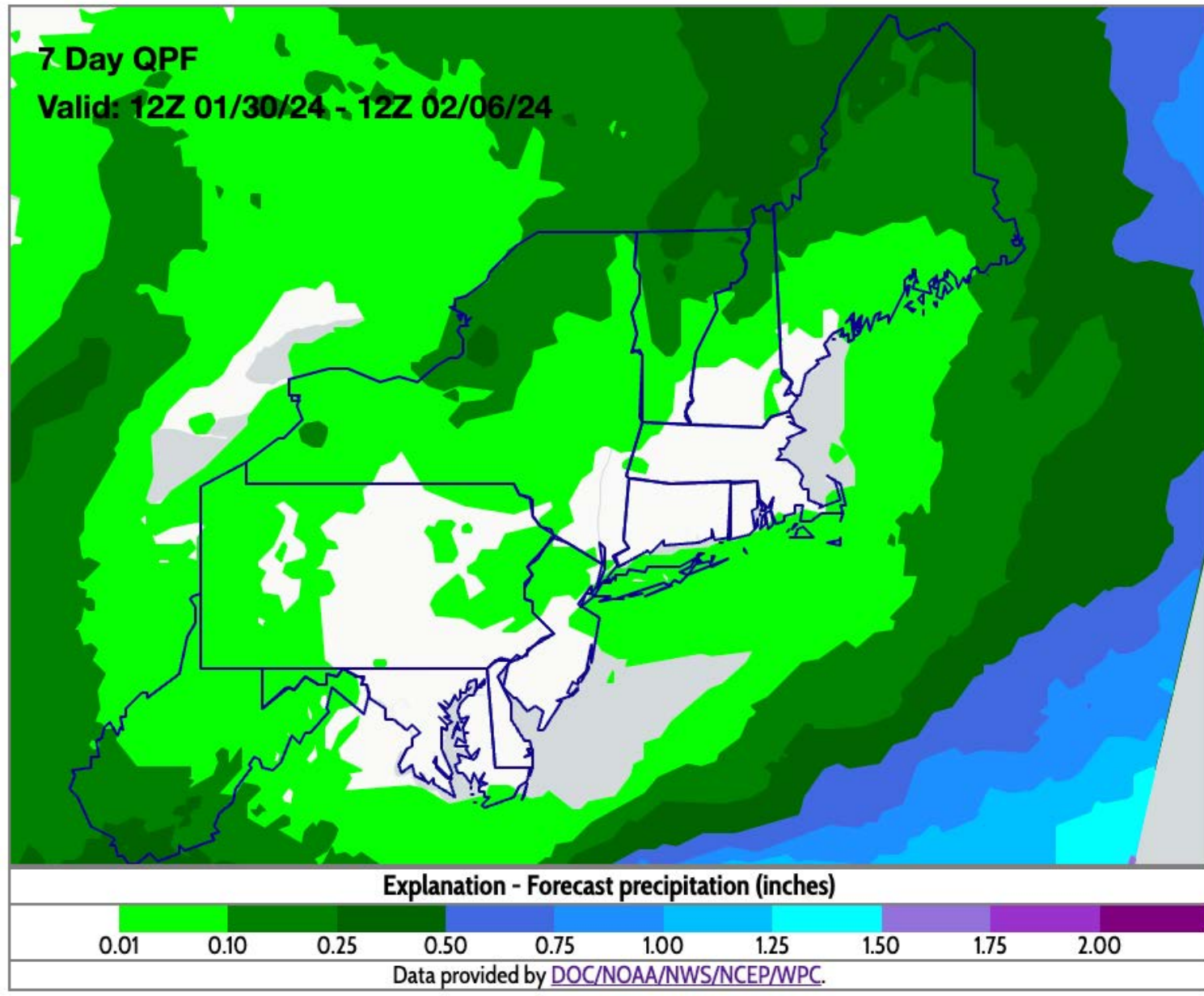
Data provided by [USGS WaterWatch - Streamflow](#); updated 2024-01-30.



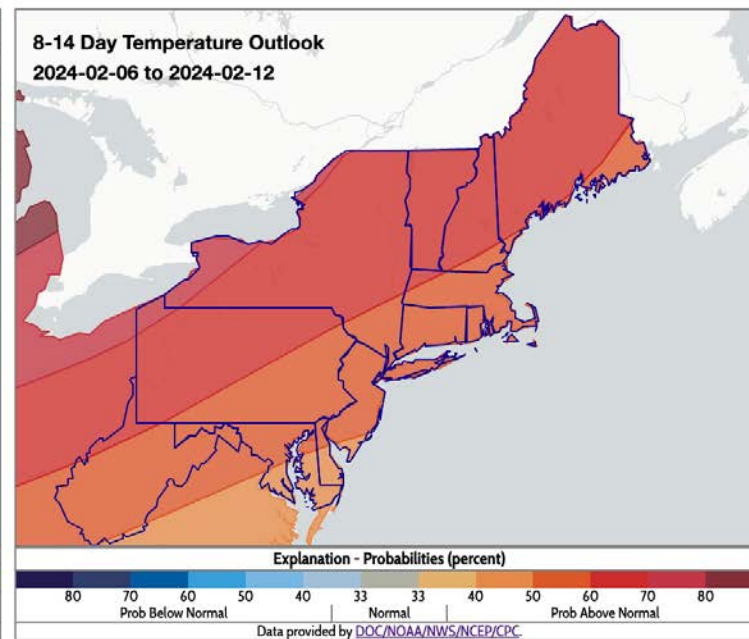
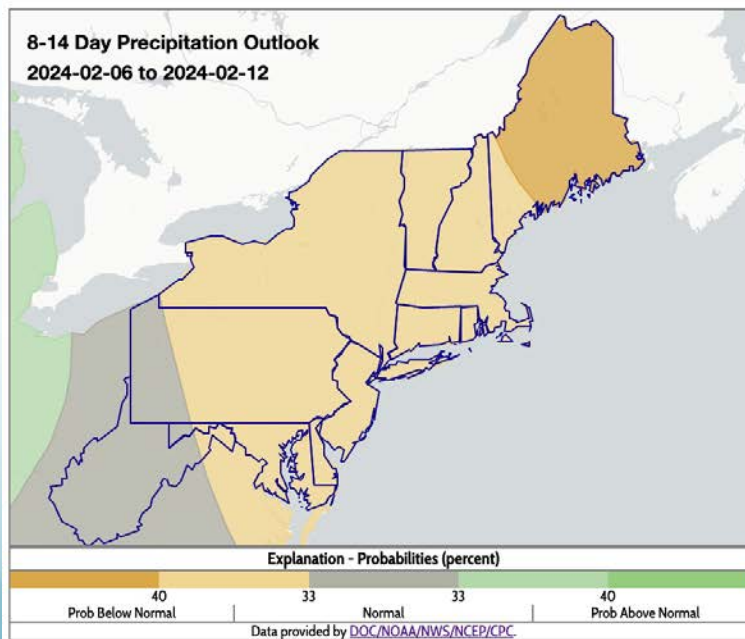
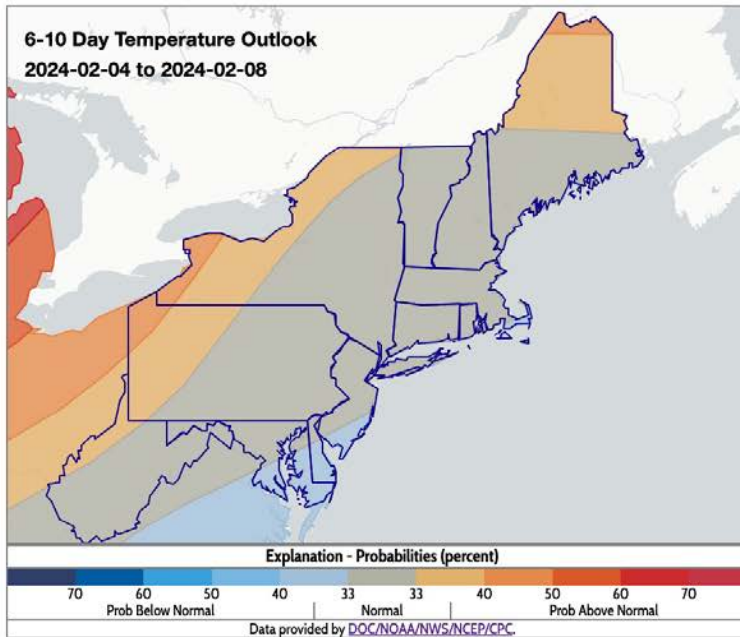
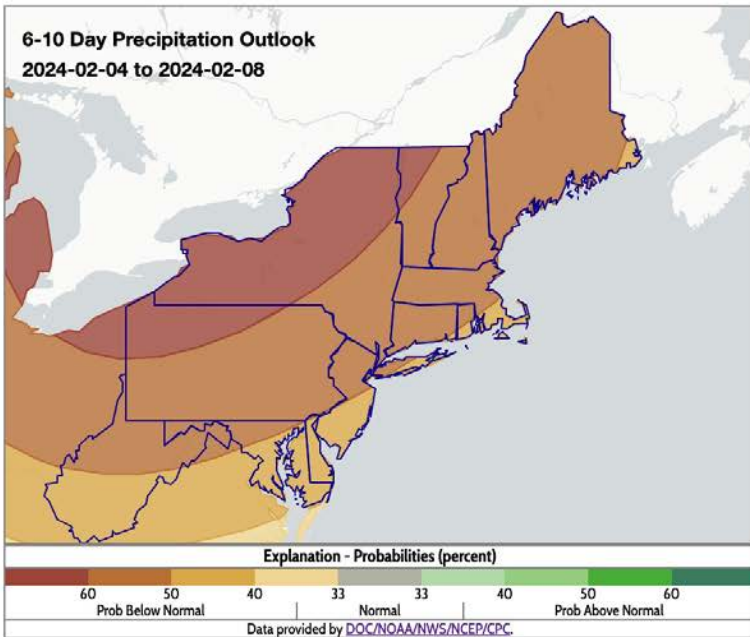
Groundwater



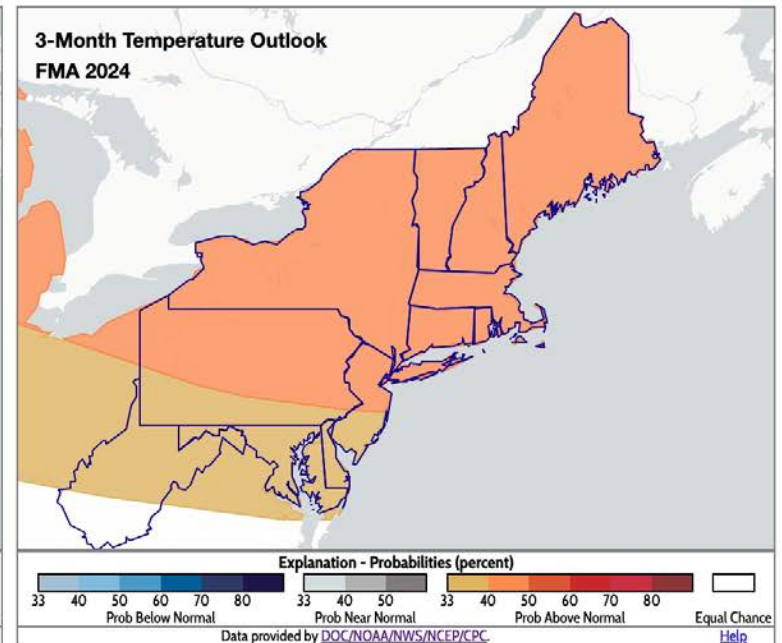
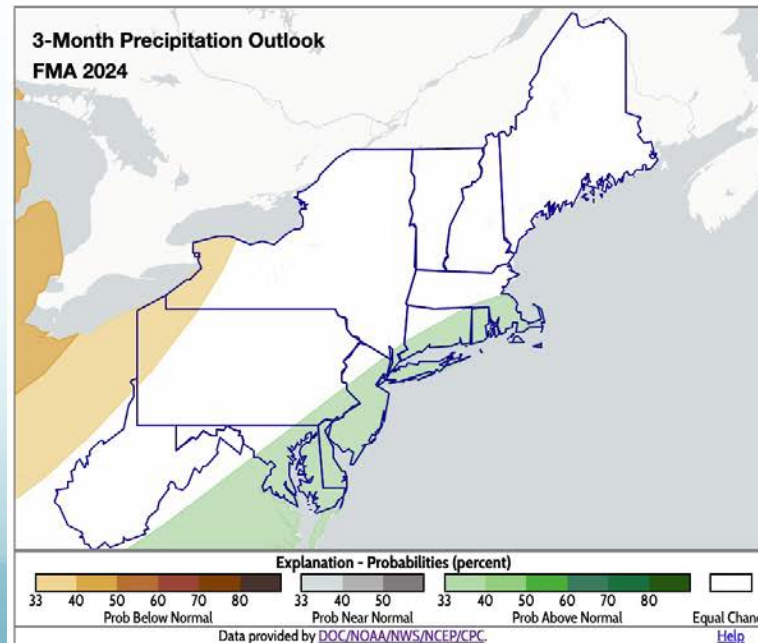
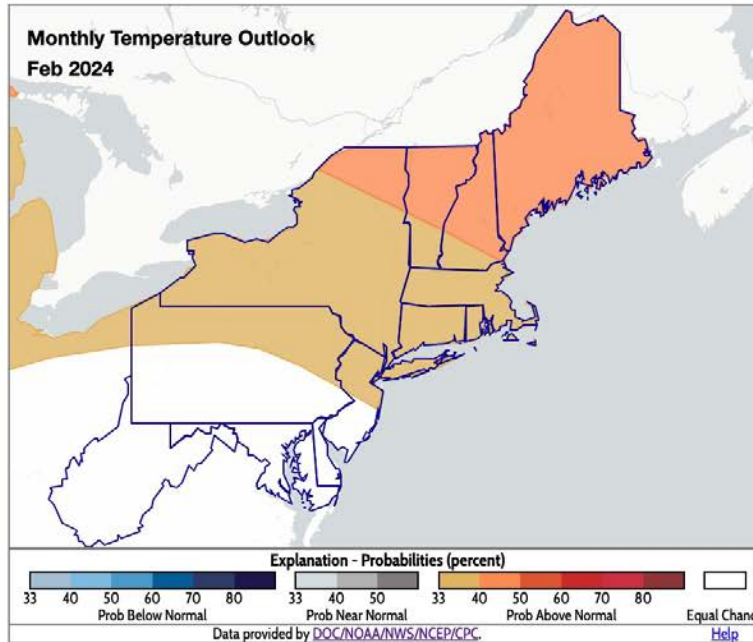
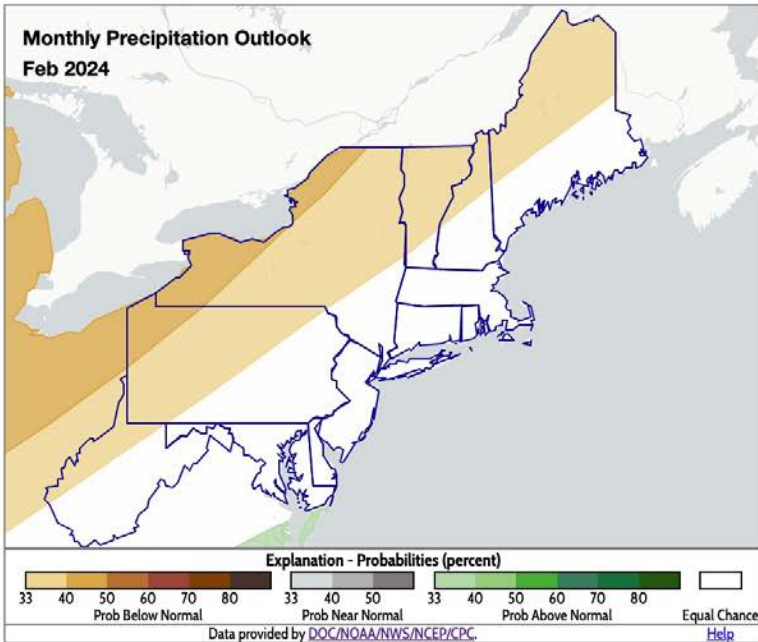
Precipitation Forecast



Short-term Outlooks



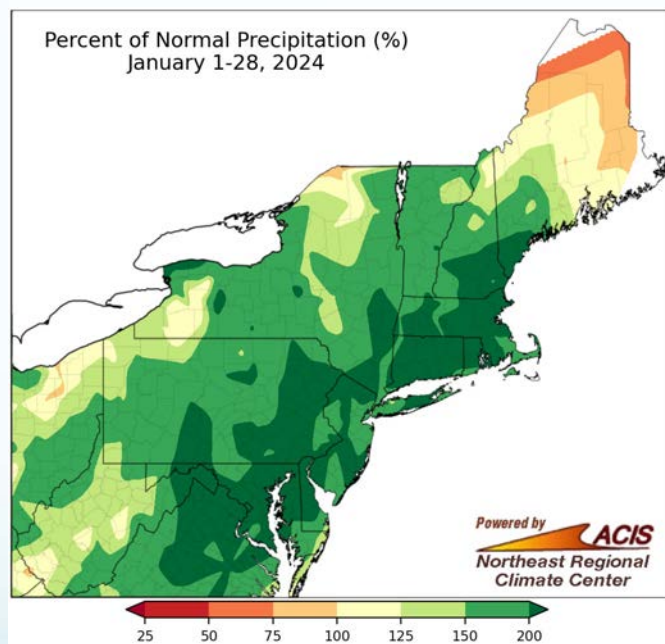
Monthly & 3-Month Outlooks



Summary

January-to-date conditions:

- Above-normal temperatures for most of the region
- Above-normal precipitation for many areas



Drought:

- Drought and dryness shrank in coverage thanks to wetter-than-normal conditions
- Lingering drought in western New York and southeastern Massachusetts is generally due to much below-normal groundwater levels and/or longer-term precipitation deficits

Outlooks:

- Short-term: below- or near-normal precipitation and near- or generally above-normal temperatures
- Feb: tilt toward below-normal precipitation and above-normal temperatures for some areas
- Feb-Apr: tilt toward above-normal precipitation for coastal areas but below-normal for some interior locations; above-normal temperatures favored for most areas



Contact Information

- nrcc@cornell.edu

Upcoming Webinars

- Thursday, February 29 at 9:30am EST
 - Coastal Inundation and High Tide Flooding
- Thursday, March 28 at 9:30am EDT
 - Spring Flood Outlook
- Tuesday, April 30 at 9:30am EDT
 - Marine Storms



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