

February Conditions & Northeast DEWS Discussion

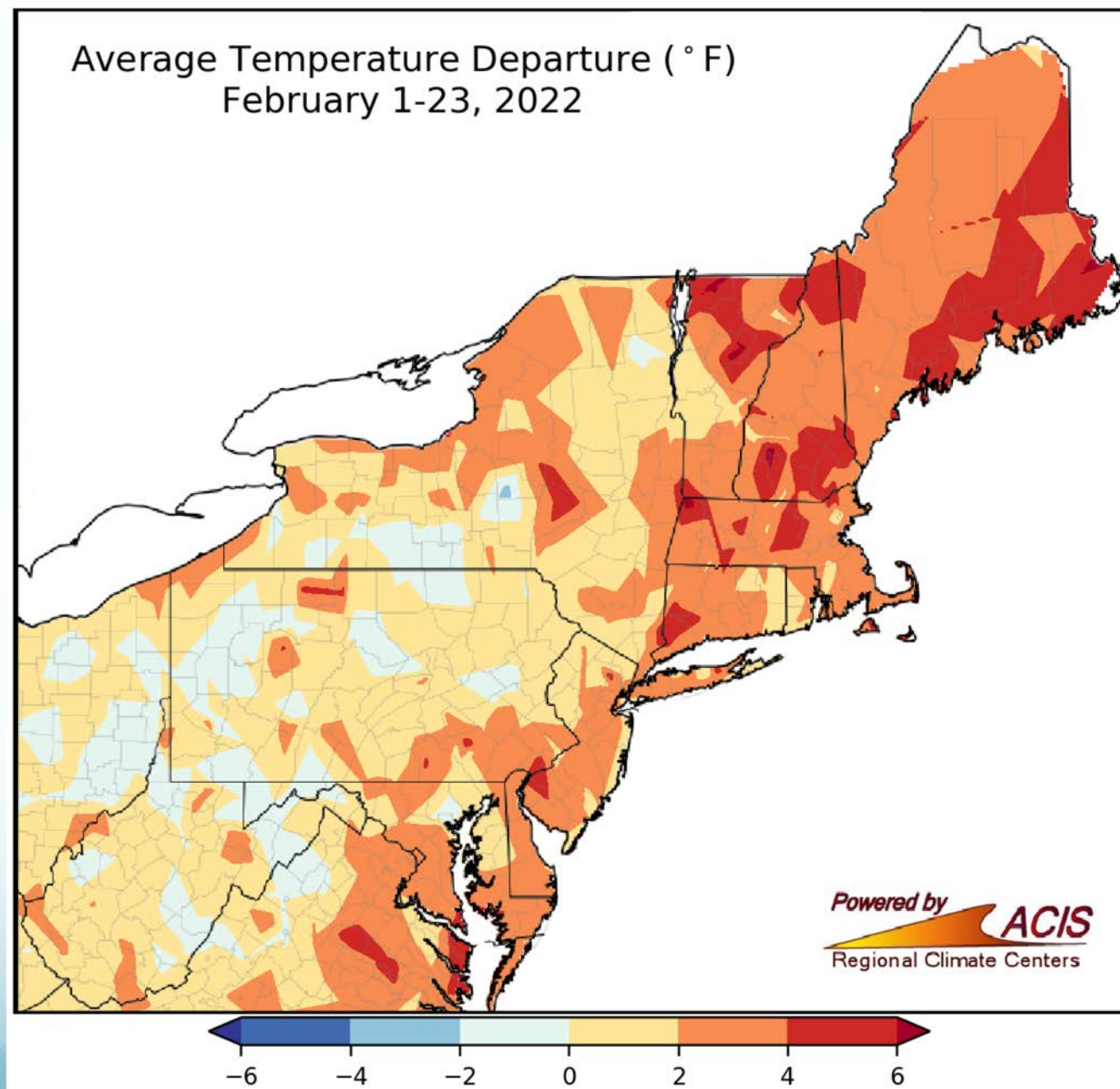
By: Samantha Borisoff, Climatologist
Northeast Regional Climate Center



Northeast Regional
Climate Center

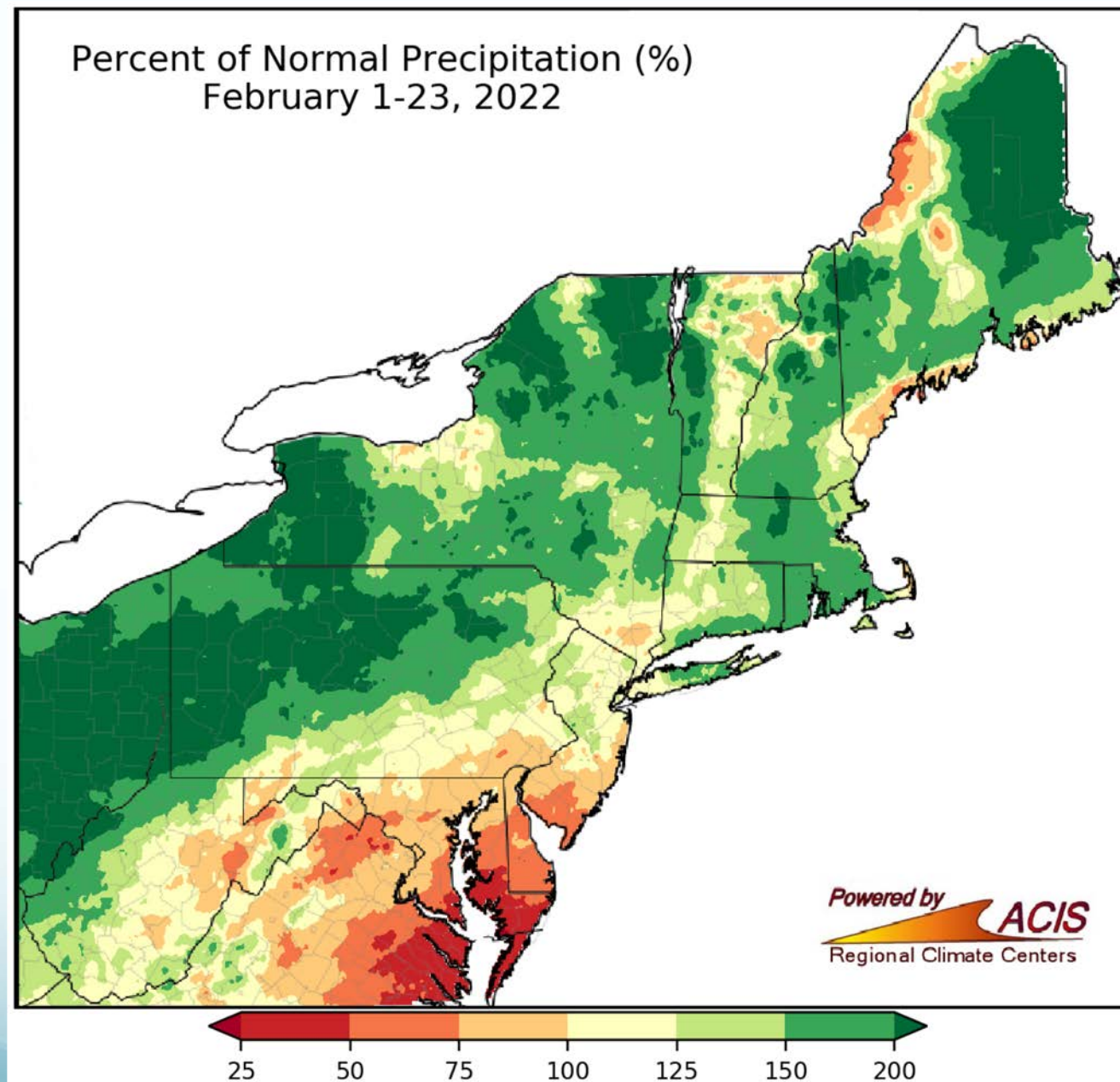


February Temperatures



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

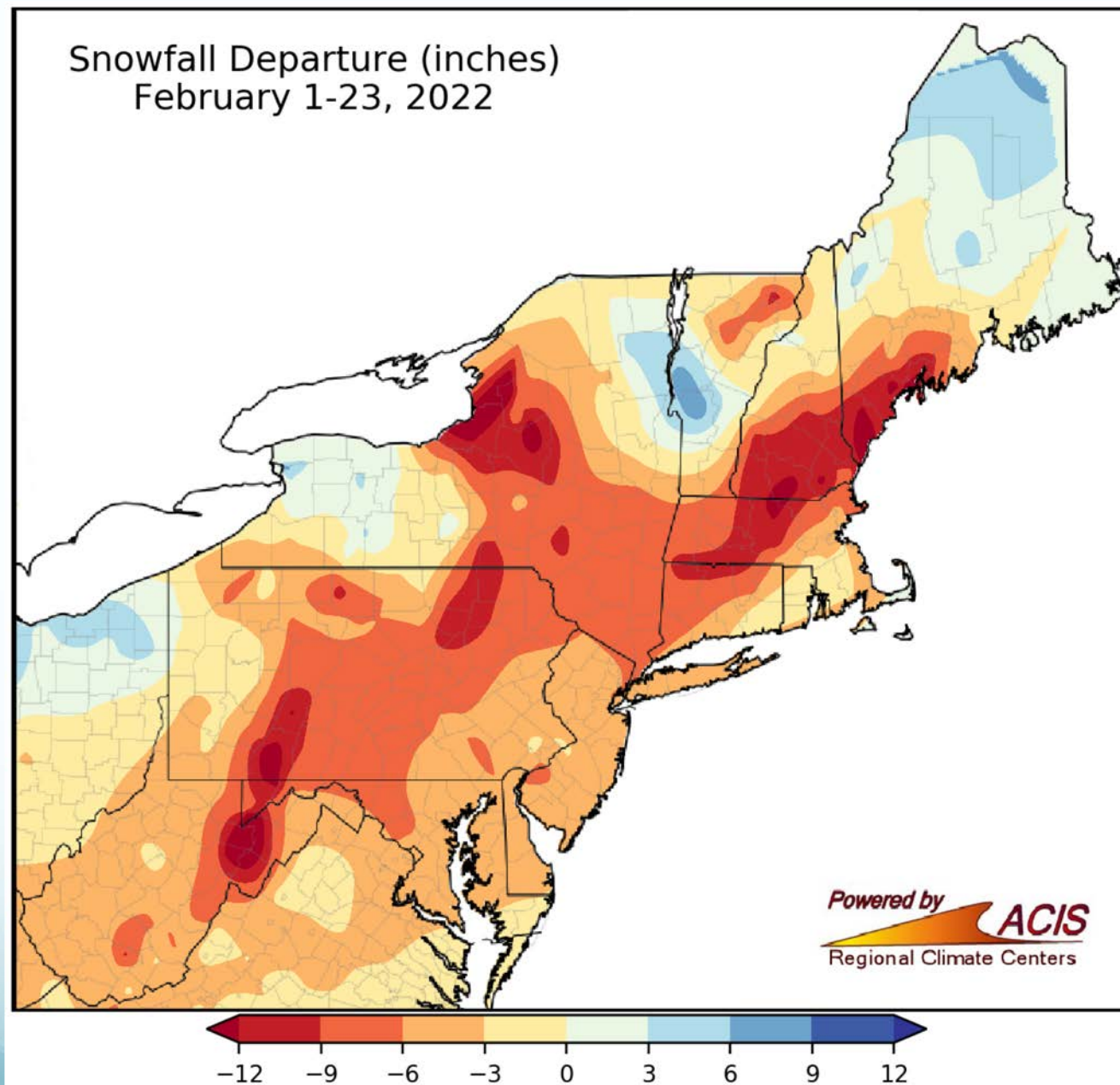
February Precipitation



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



February Snowfall



From 12" below normal to 9" above normal



Drought Monitor

U.S. Drought Monitor Northeast

February 1, 2022
(Released Thursday, Feb. 3, 2022)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
Current	81.59	16.37	1.19	0.85	0.00	0.00
Last Week 01-25-2022	89.35	8.61	1.19	0.85	0.00	0.00
3 Months Ago 11-02-2021	92.54	5.42	0.97	1.07	0.00	0.00
Start of Calendar Year 01-04-2022	84.91	12.92	1.32	0.85	0.00	0.00
Start of Water Year 09-26-2021	90.30	6.56	2.35	0.80	0.00	0.00
One Year Ago 02-02-2021	81.51	13.89	4.60	0.00	0.00	0.00

Intensity:

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

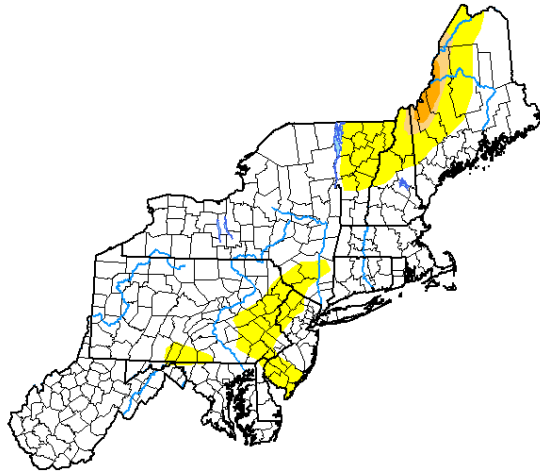
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Curtis Riganti
National Drought Mitigation Center



droughtmonitor.unl.edu



U.S. Drought Monitor Northeast

February 22, 2022
(Released Thursday, Feb. 24, 2022)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
Current	82.28	15.69	1.19	0.85	0.00	0.00
Last Week 02-15-2022	82.28	15.69	1.19	0.85	0.00	0.00
3 Months Ago 11-23-2021	91.59	6.37	1.19	0.85	0.00	0.00
Start of Calendar Year 01-04-2022	84.91	12.92	1.32	0.85	0.00	0.00
Start of Water Year 09-26-2021	90.30	6.56	2.35	0.80	0.00	0.00
One Year Ago 02-23-2021	81.84	14.26	3.90	0.00	0.00	0.00

Intensity:

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

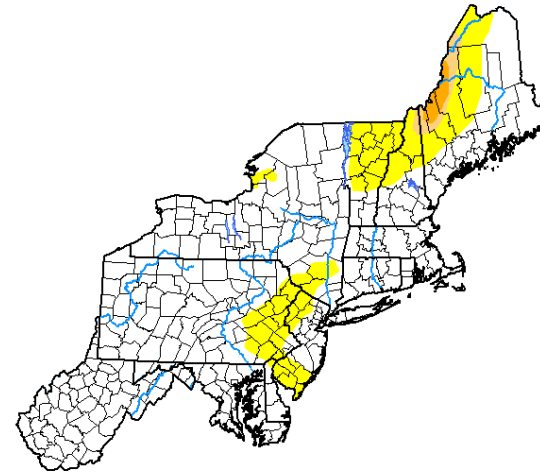
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Author:

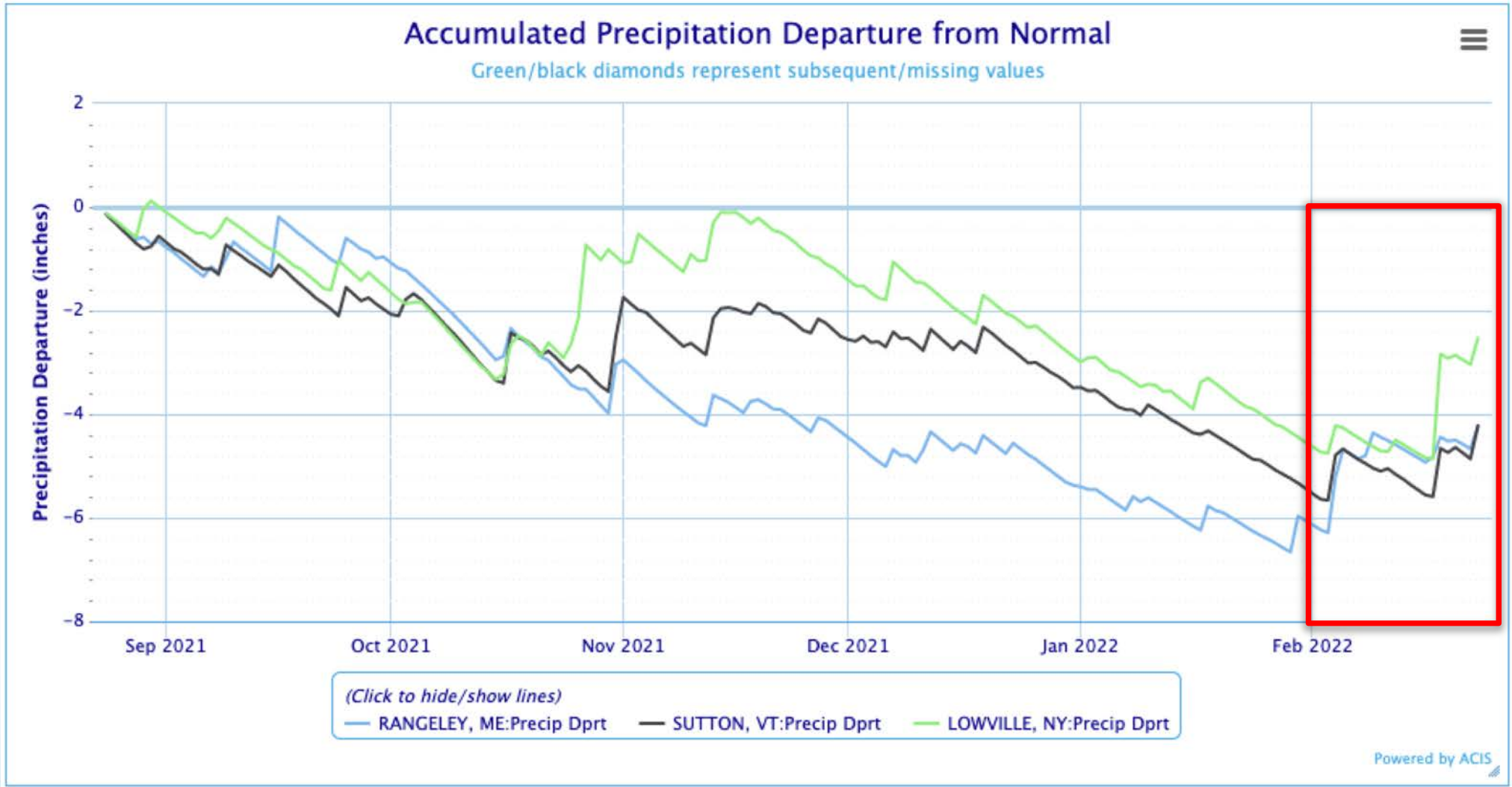
Brad Pugh
CPC/NOAA



droughtmonitor.unl.edu

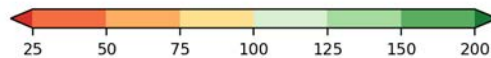
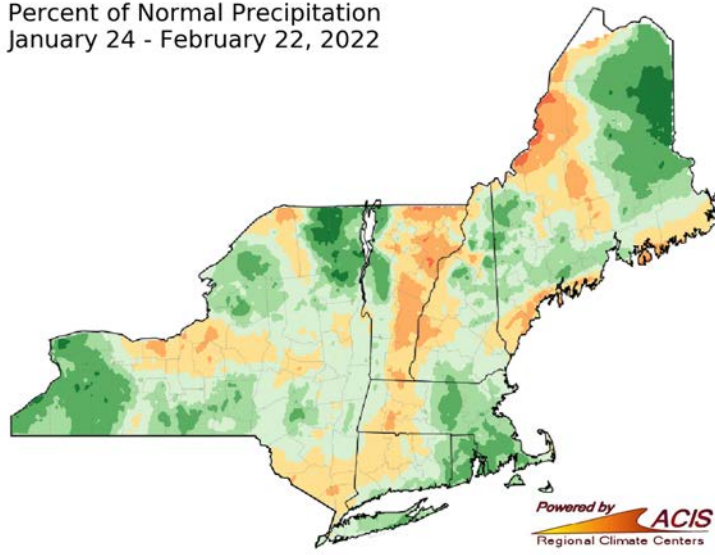


Precipitation

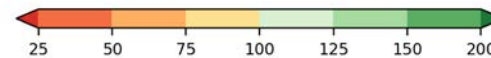
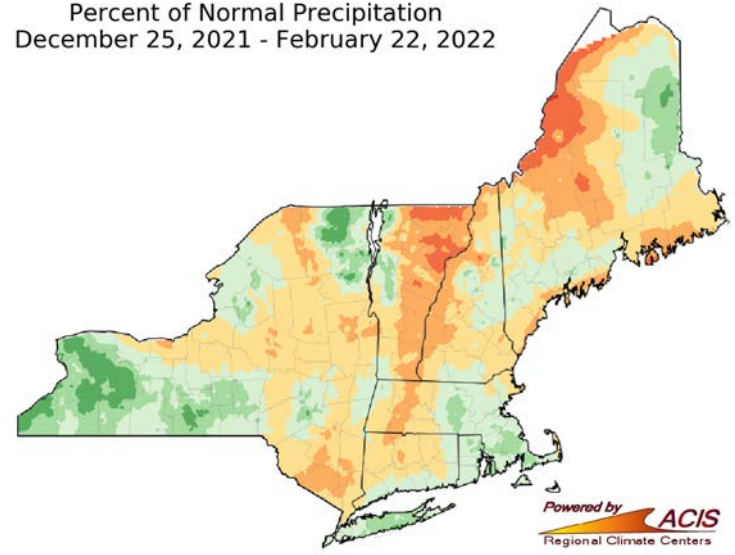


Precipitation

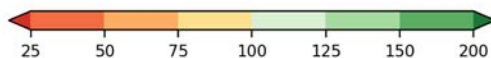
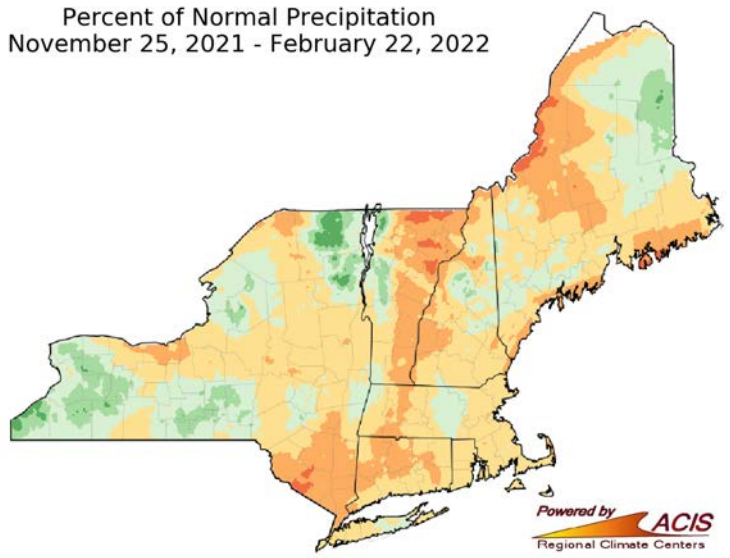
Percent of Normal Precipitation
January 24 - February 22, 2022



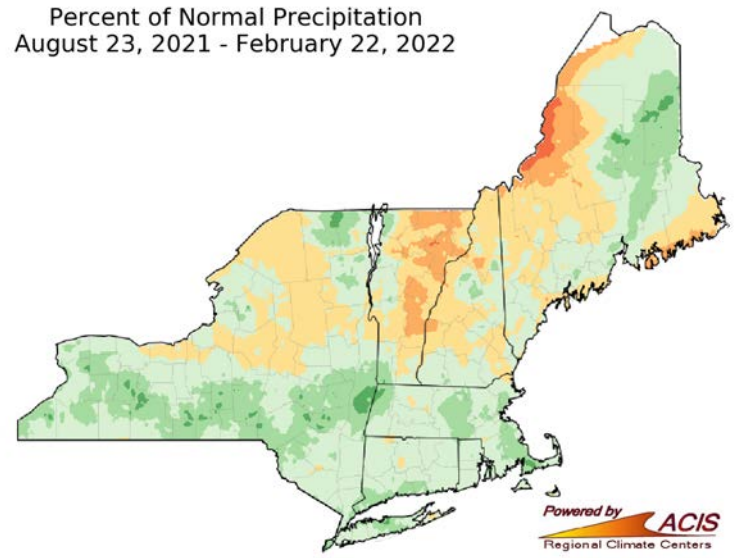
Percent of Normal Precipitation
December 25, 2021 - February 22, 2022



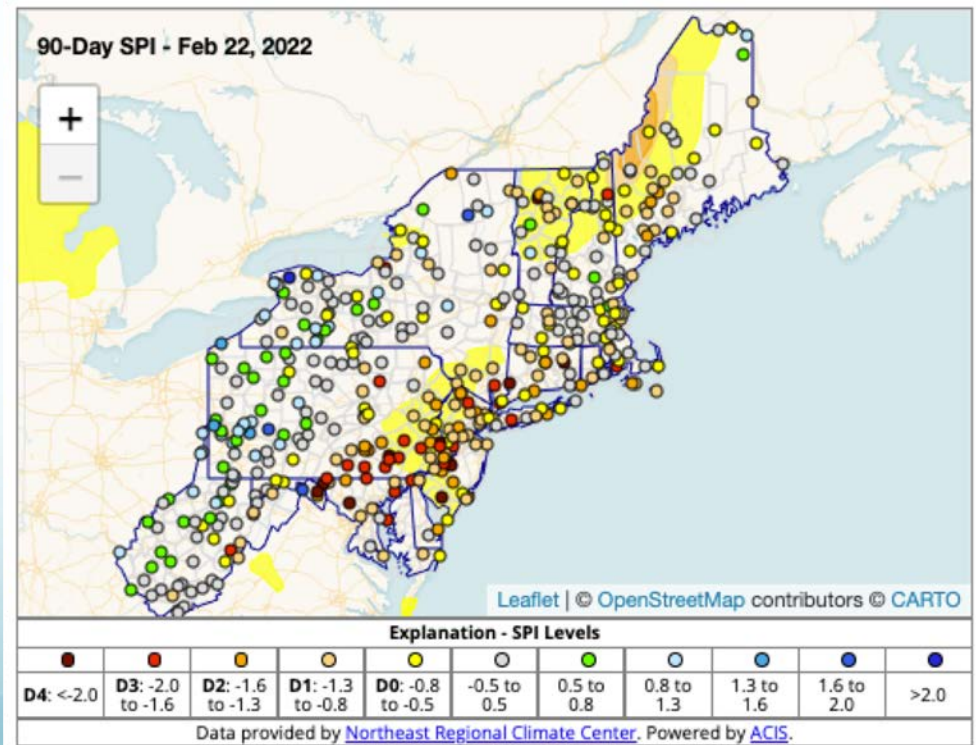
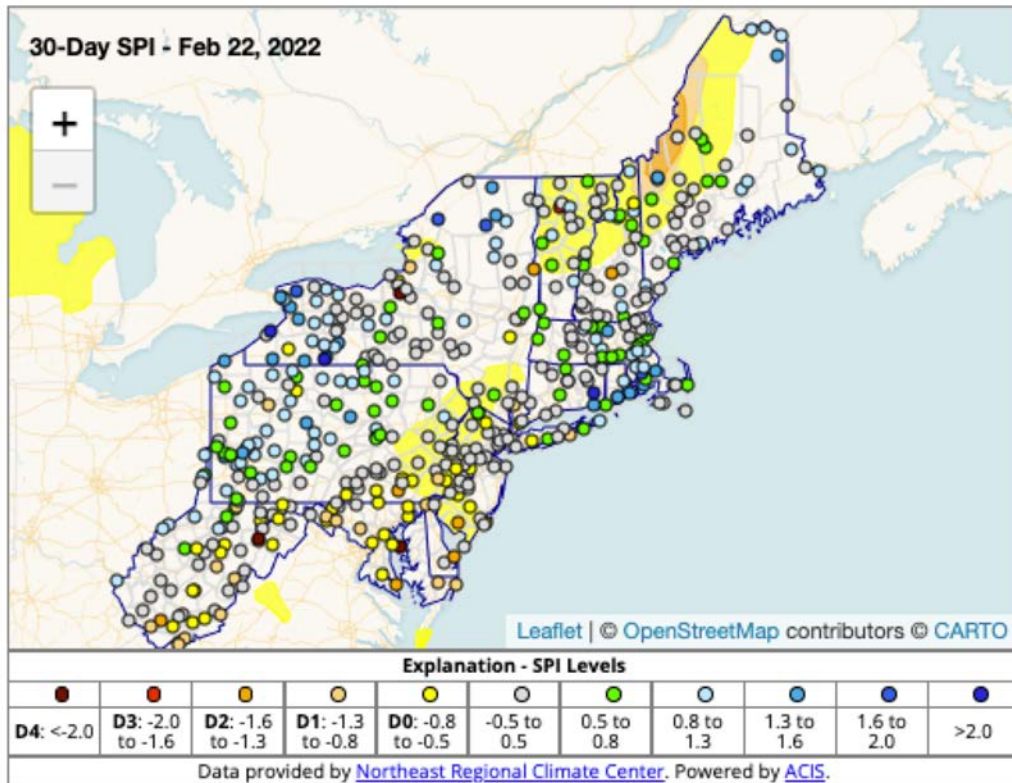
Percent of Normal Precipitation
November 25, 2021 - February 22, 2022



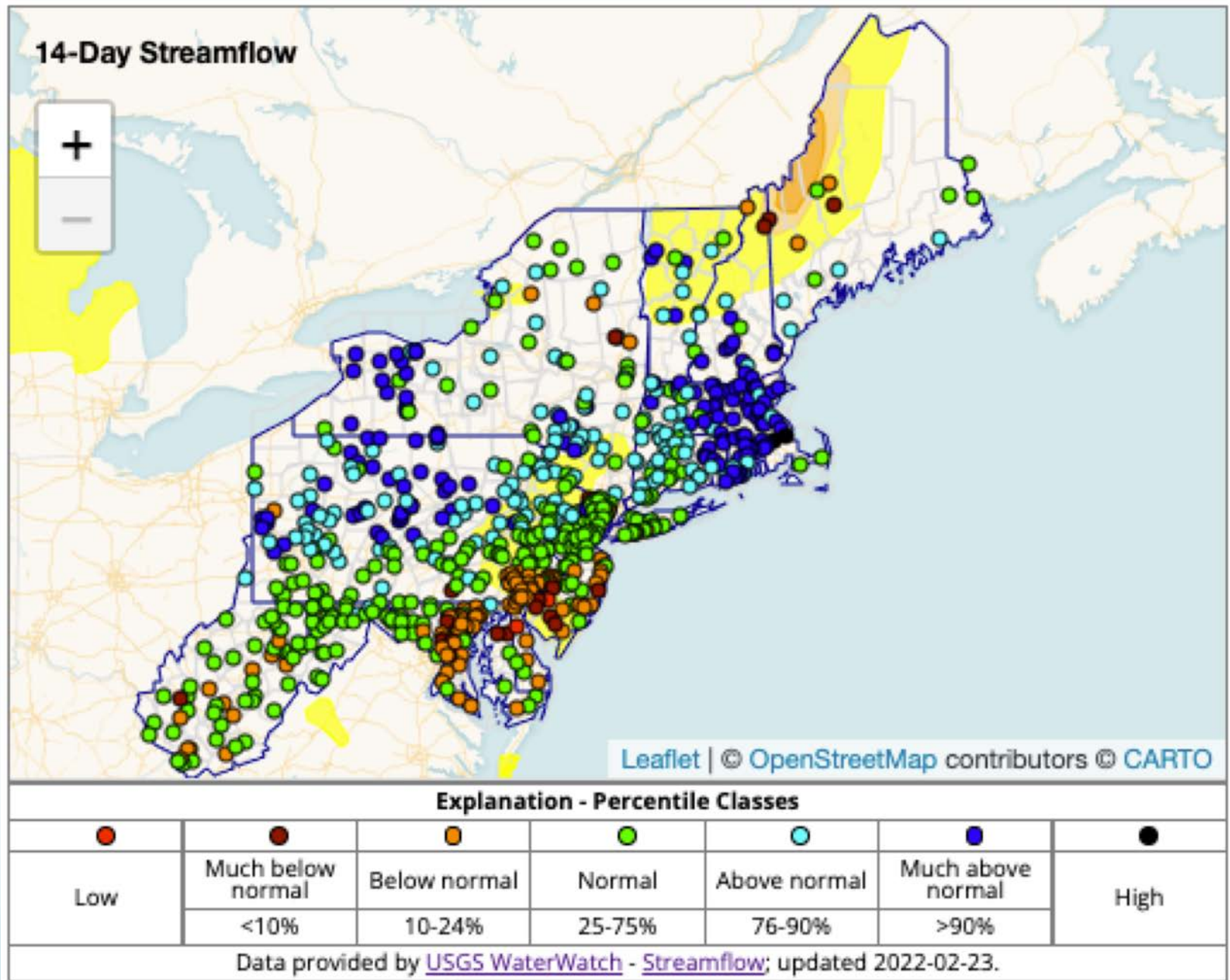
Percent of Normal Precipitation
August 23, 2021 - February 22, 2022



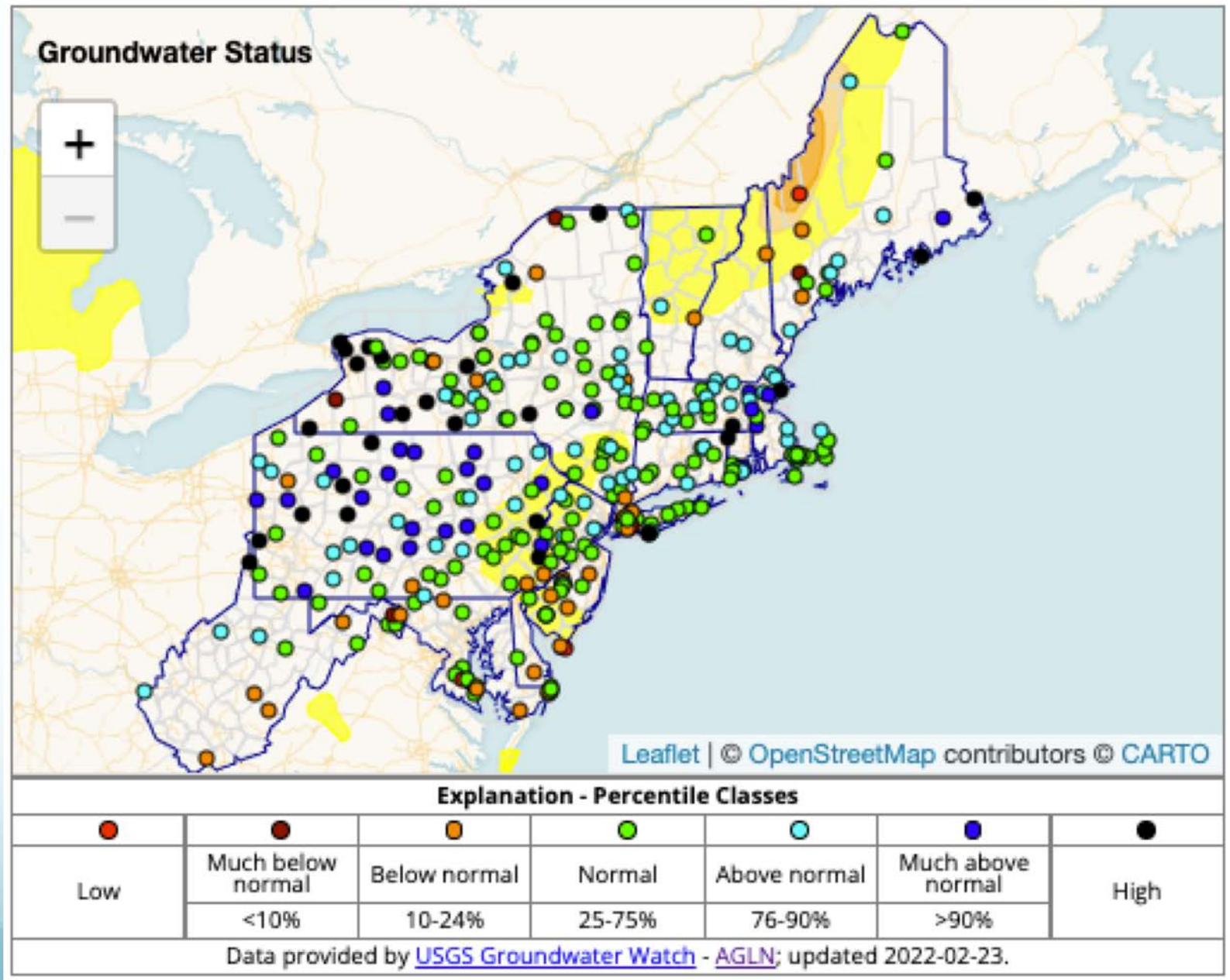
Standardized Precipitation Index



Streamflow



Groundwater



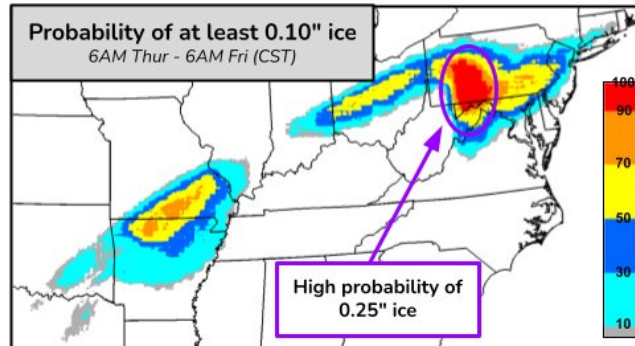


Key Messages for Feb. 23-25 Winter Storm

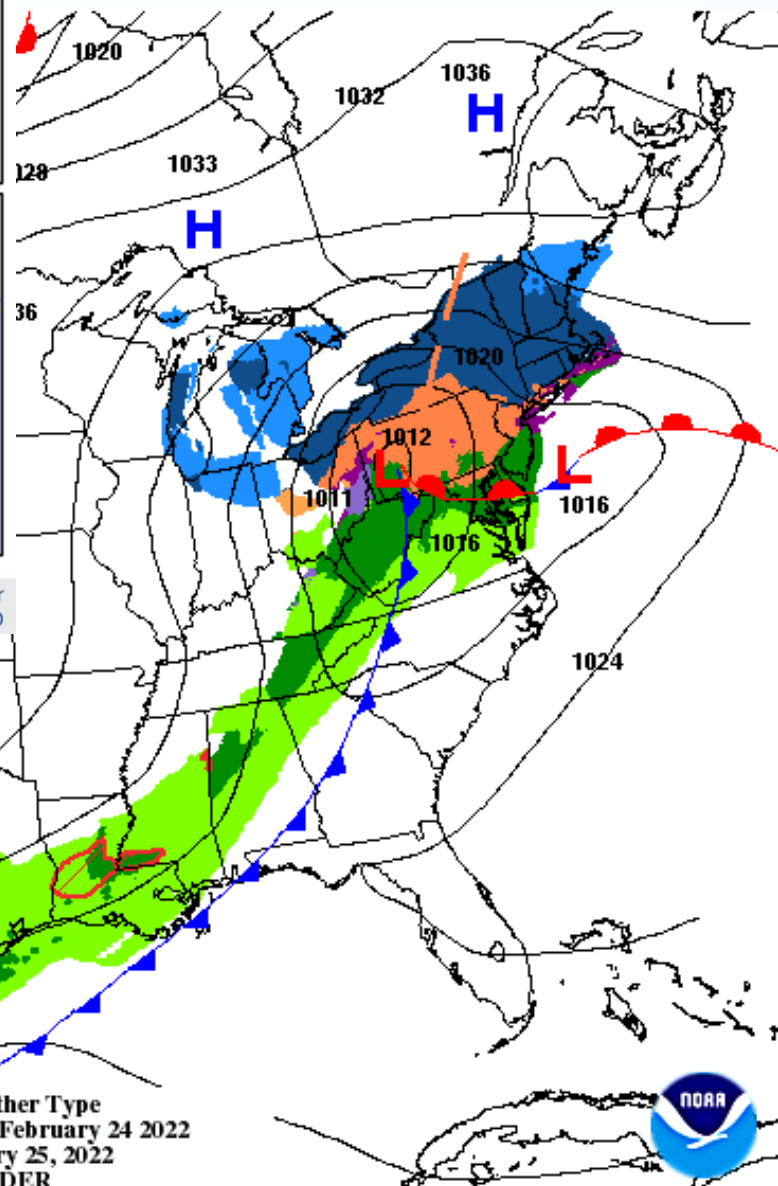
Updated Feb. 24, 2022
4:00AM CST

Multi-day wintry precipitation event from the southern Plains through the Northeast

- A significant winter storm will bring a variety of winter hazards from the Southern Plains through the Ohio Valley today and into the Northeast through Friday.
- Significant total ice accumulations greater than 0.25" are likely across the Ozarks and southeast Missouri. Locally, damaging ice of 0.50" or more is possible which could lead to scattered power outages, tree damage, and dangerous travel.
- Another area of freezing rain is likely from the eastern Ohio Valley through the Mid-Atlantic states. Significant ice accumulations are possible across south-central Pennsylvania and western Maryland, with hazardous travel possible.
- Heavy snow is expected across Upstate New York and New England on Friday with six inches or more likely. Snowfall rates may eclipse 1"/hr at times. Travel will be difficult.



Precipitation Forecast



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

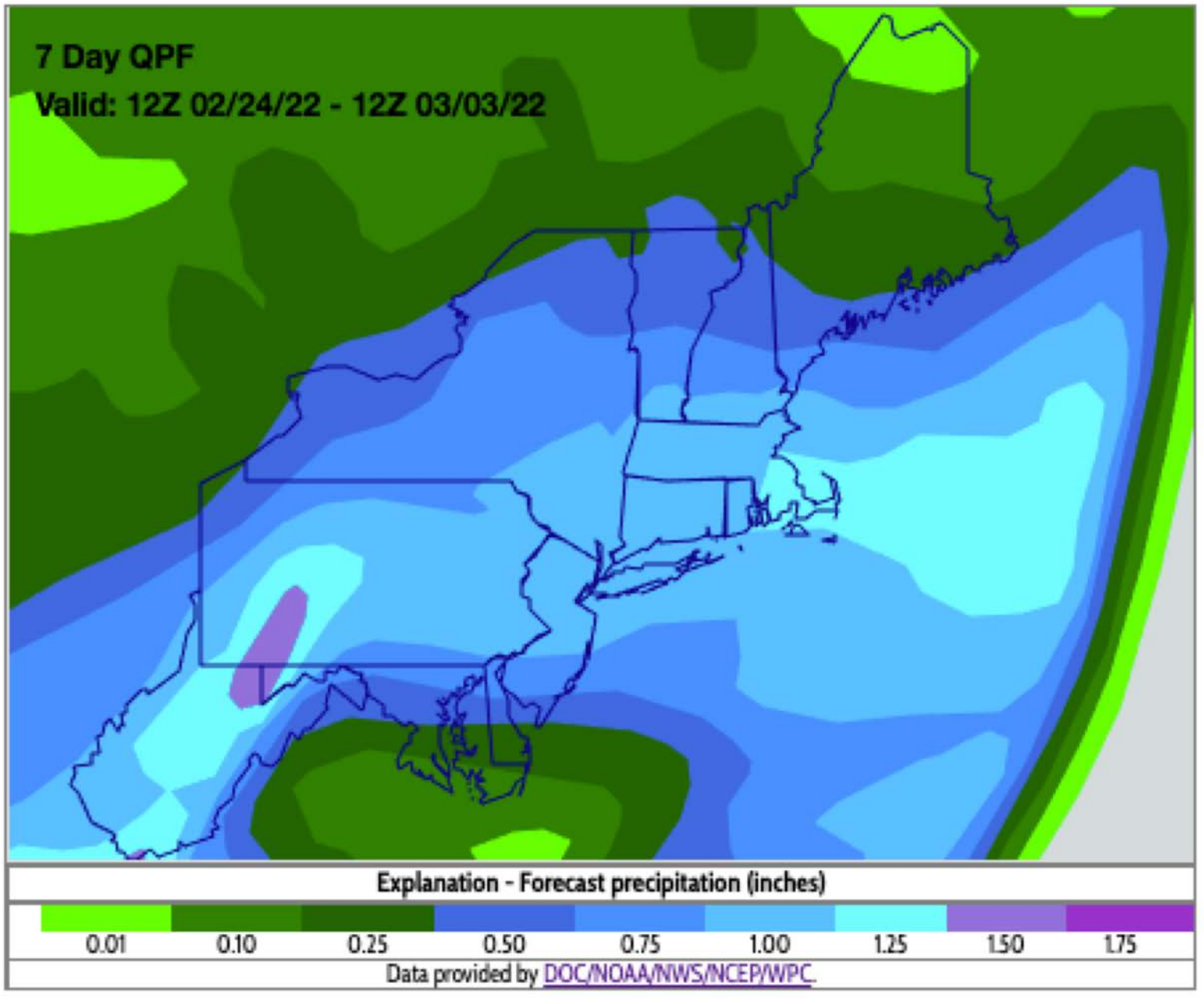
For more information go to:
www.wpc.ncep.noaa.gov and www.weather.gov

Weather Prediction Center
College Park, MD

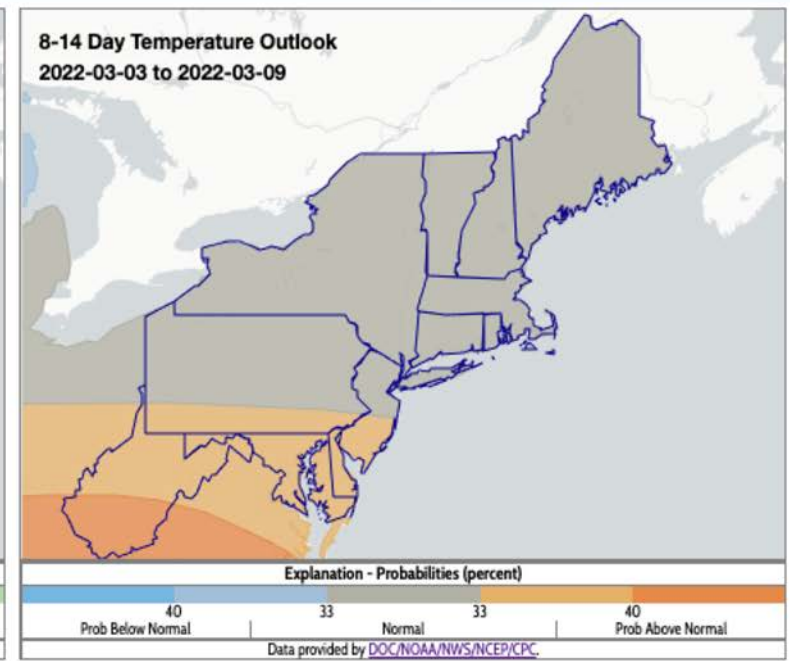
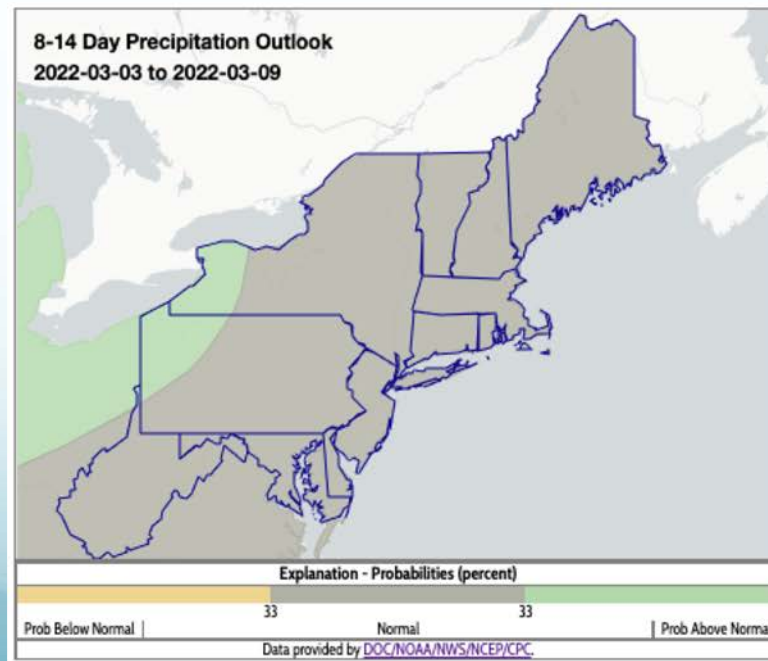
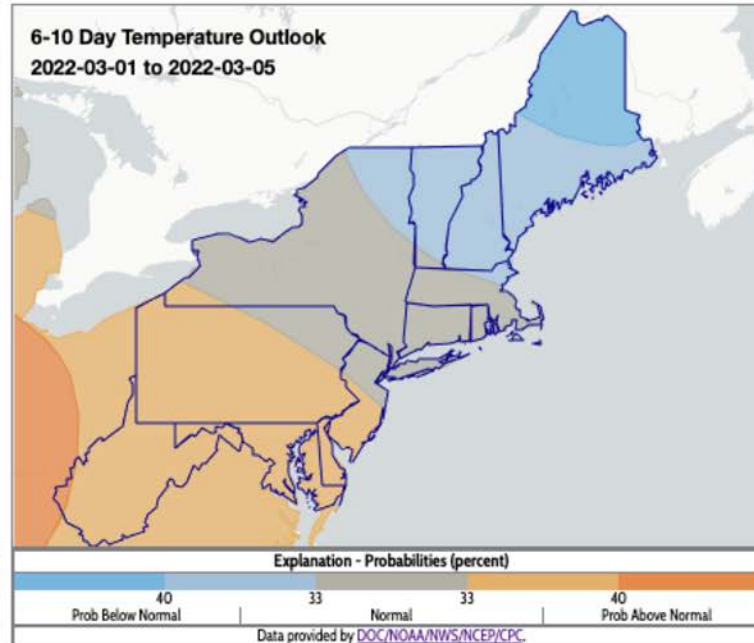
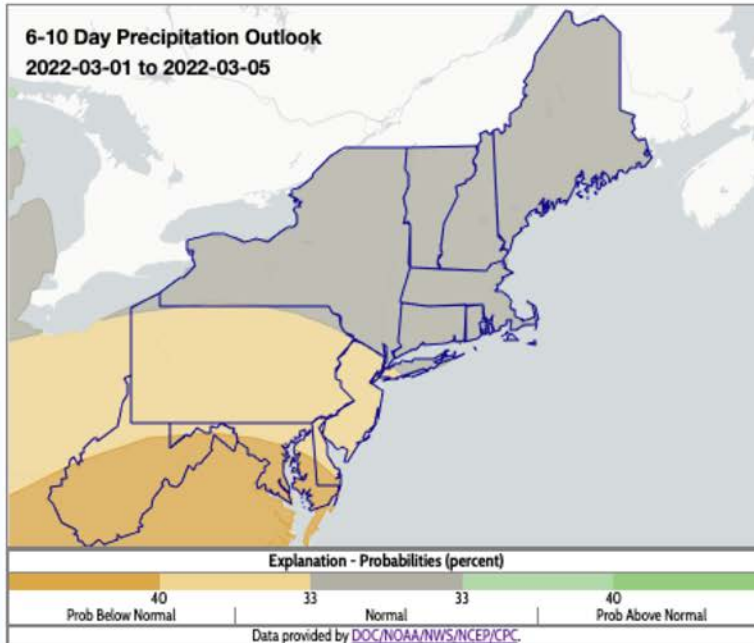


NDFD Rain (Chance)
NDFD Rain (Likely)
NDFD Snow (Chance)
NDFD Snow (Likely)
NDFD Mix (Chance)
NDFD Mix (Likely)
NDFD Ice (Chance)
NDFD Ice (Likely)
NDFD T-Storm (Chance) (Highlighted)
NDFD T-Storm (Likely and/or Severe)

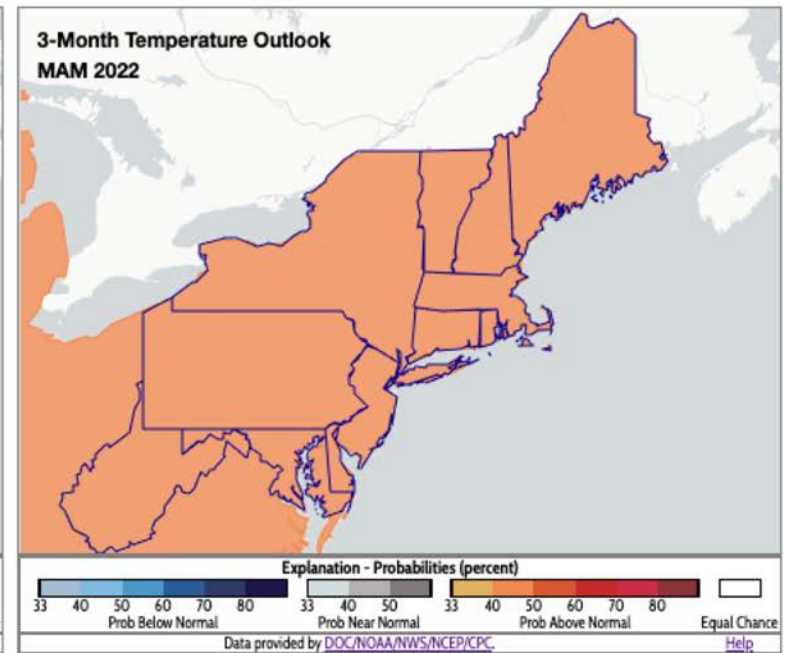
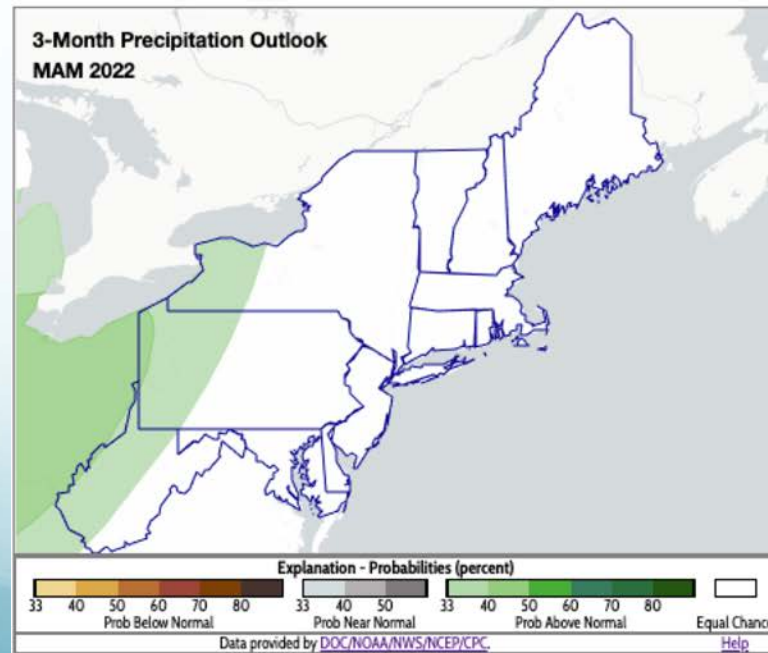
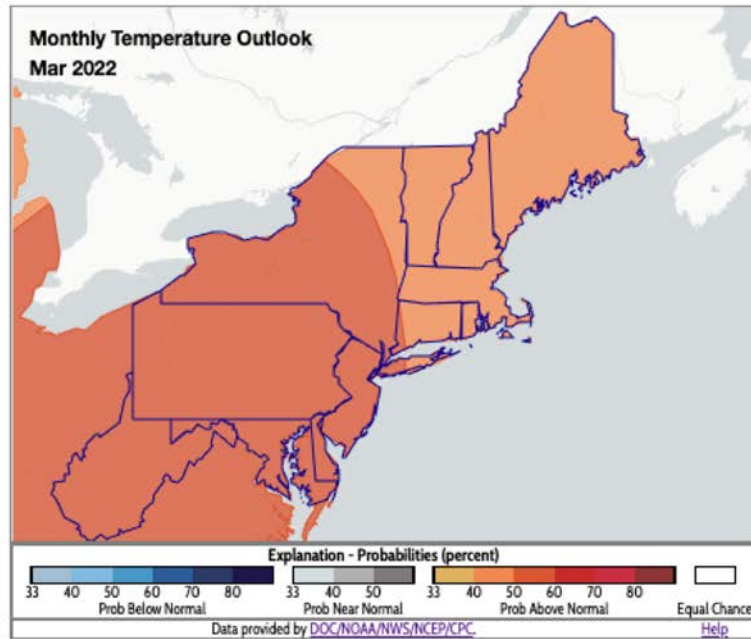
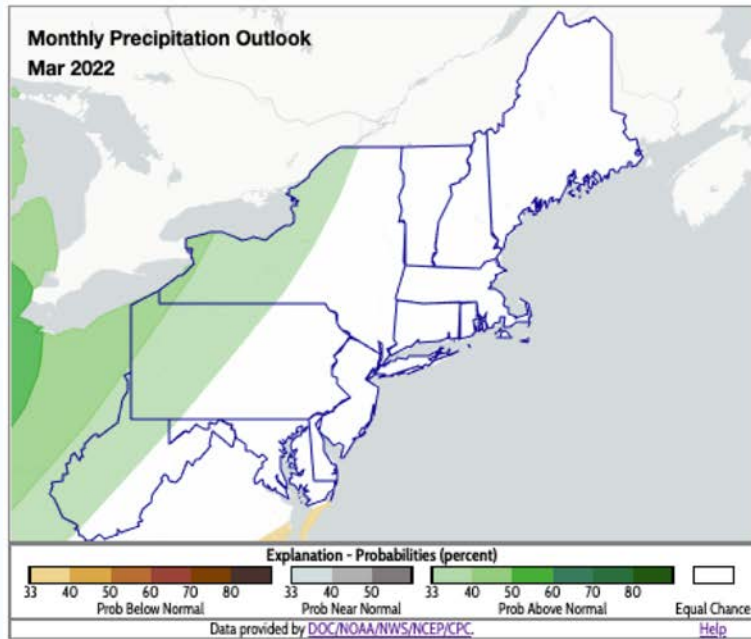
Precipitation Forecast



Short-term Outlooks



Monthly & 3-Month Outlooks



Contact Information

- nrcc@cornell.edu

Upcoming Webinars

- Thursday, March 31 at 9:30am
 - Spring Flood Outlook
- Thursday, April 28 at 9:30am
 - NE U.S. Precip Trends and Links w/ Drought
- Tuesday, May 31 at 9:30am
 - Heat, health, and drought



www.nrcc.cornell.edu