

February Conditions & Northeast DEWS Discussion

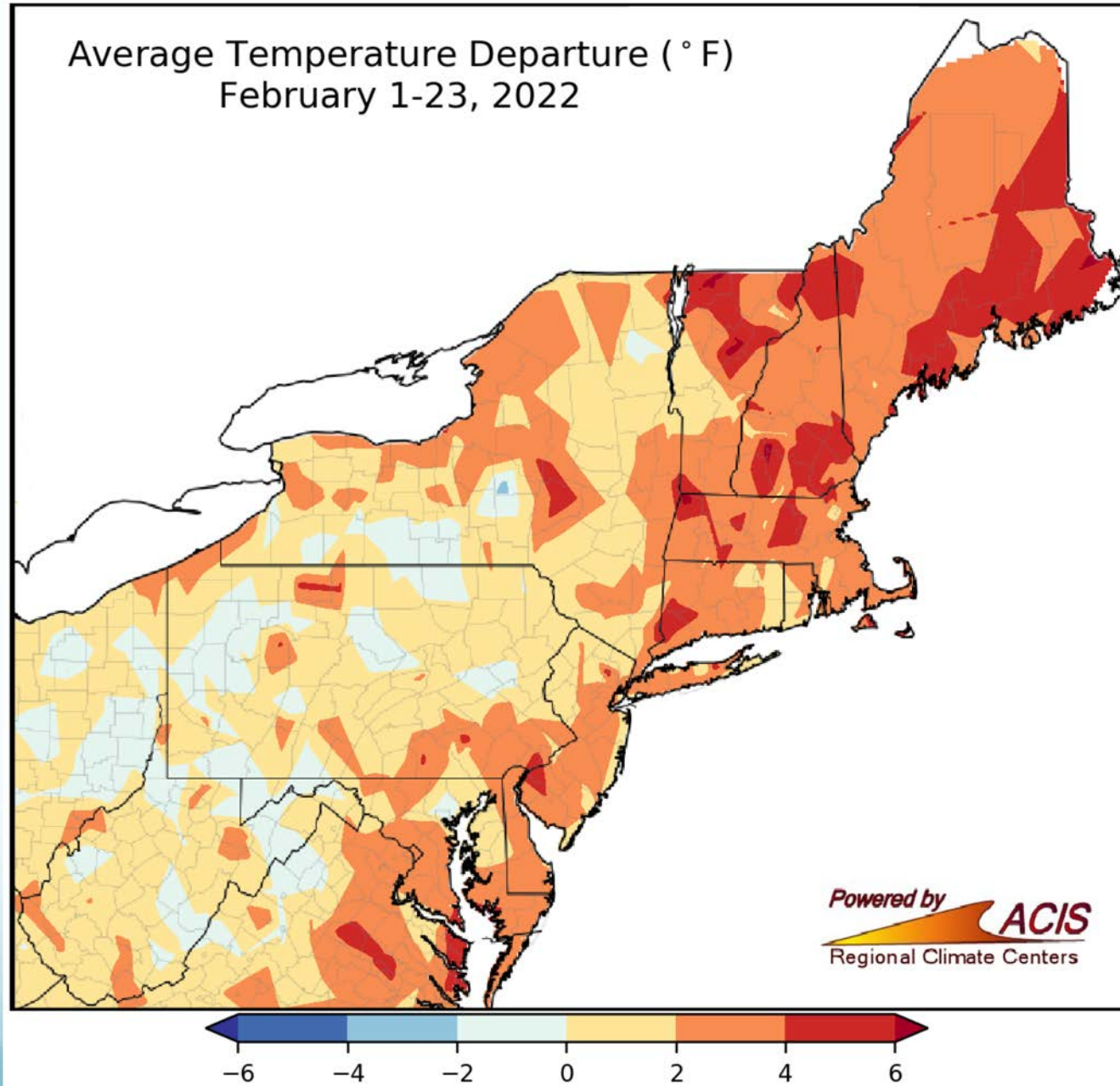
By: Samantha Borisoff, Climatologist
Northeast Regional Climate Center



Northeast Regional
Climate Center



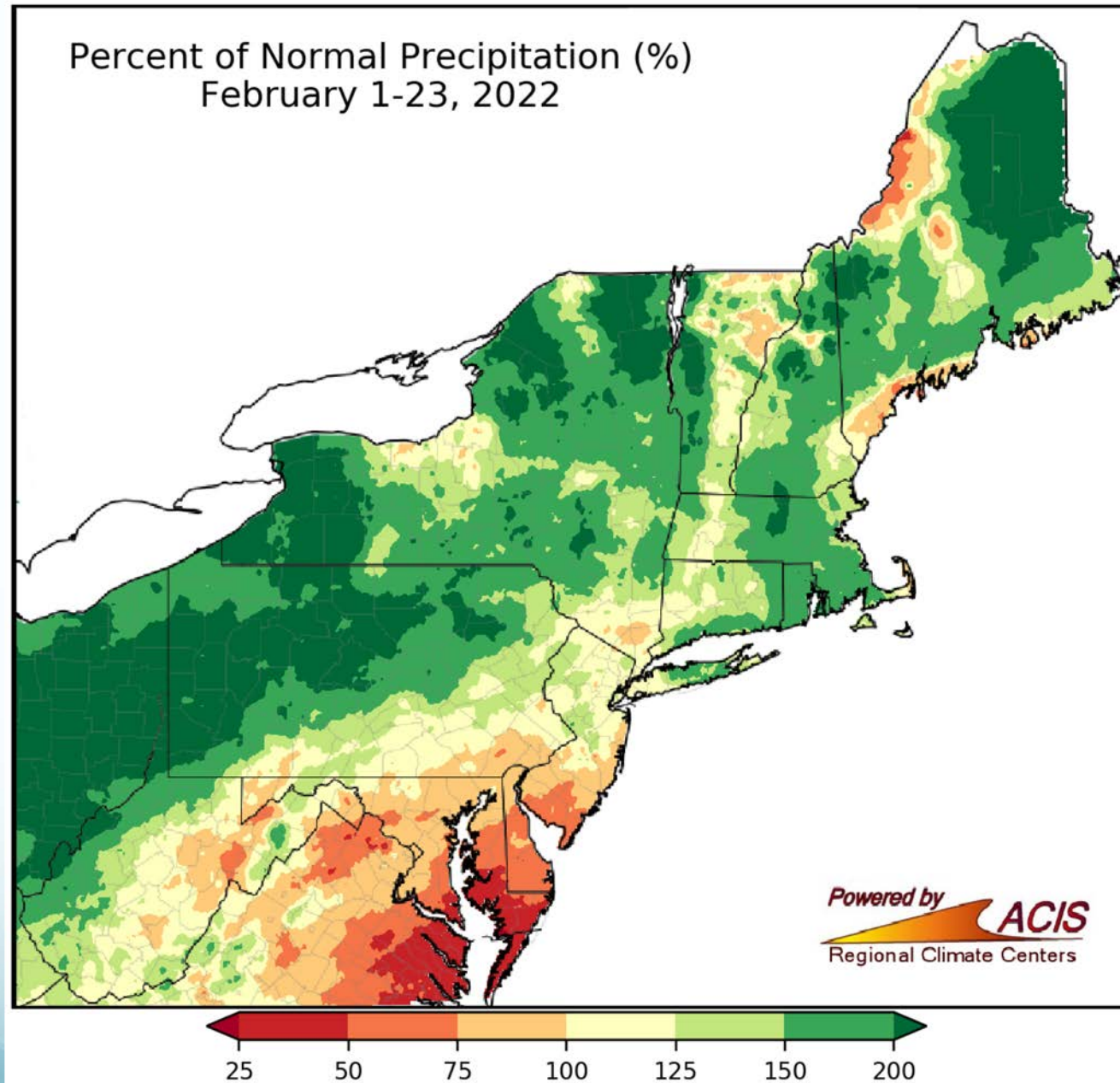
February Temperatures



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

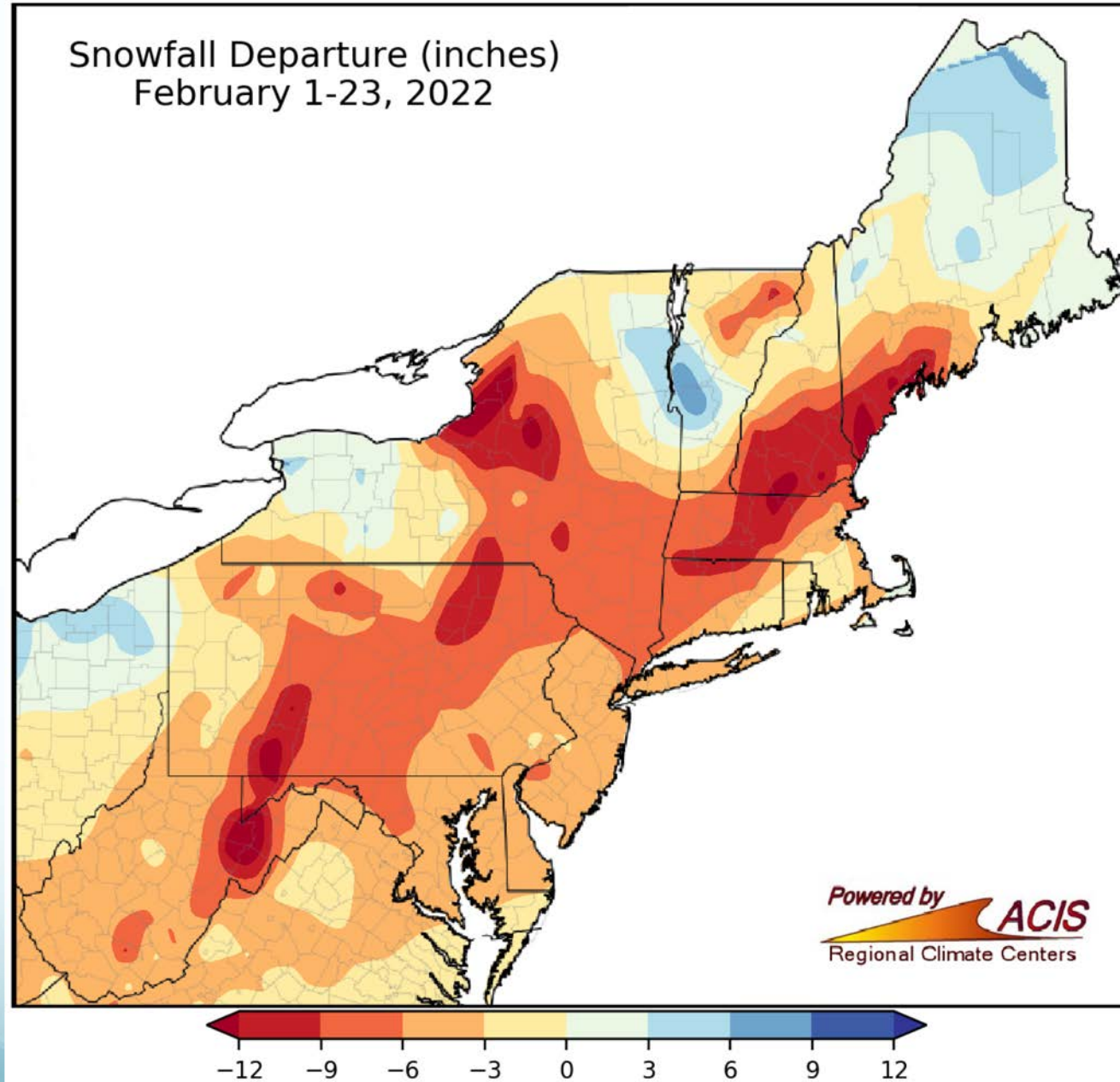


February Precipitation



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 09-29-2021	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	D0 Abnormally Dry	D1 Moderate Drought	D2 Severe Drought	D3 Extreme Drought	D4 Exceptional Drought
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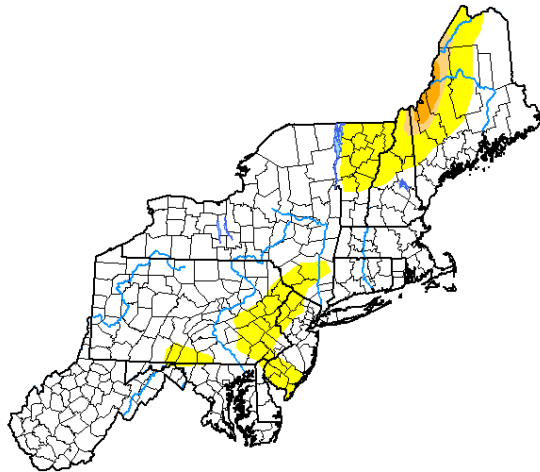
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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 09-29-2021	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	D0 Abnormally Dry	D1 Moderate Drought	D2 Severe Drought	D3 Extreme Drought	D4 Exceptional Drought
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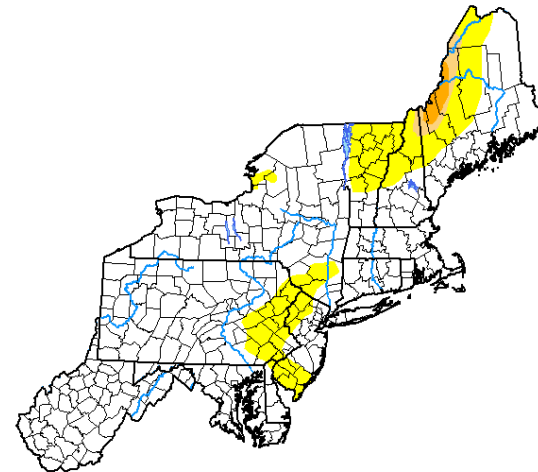
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Author:

Brad Pugh
CPC/NOAA



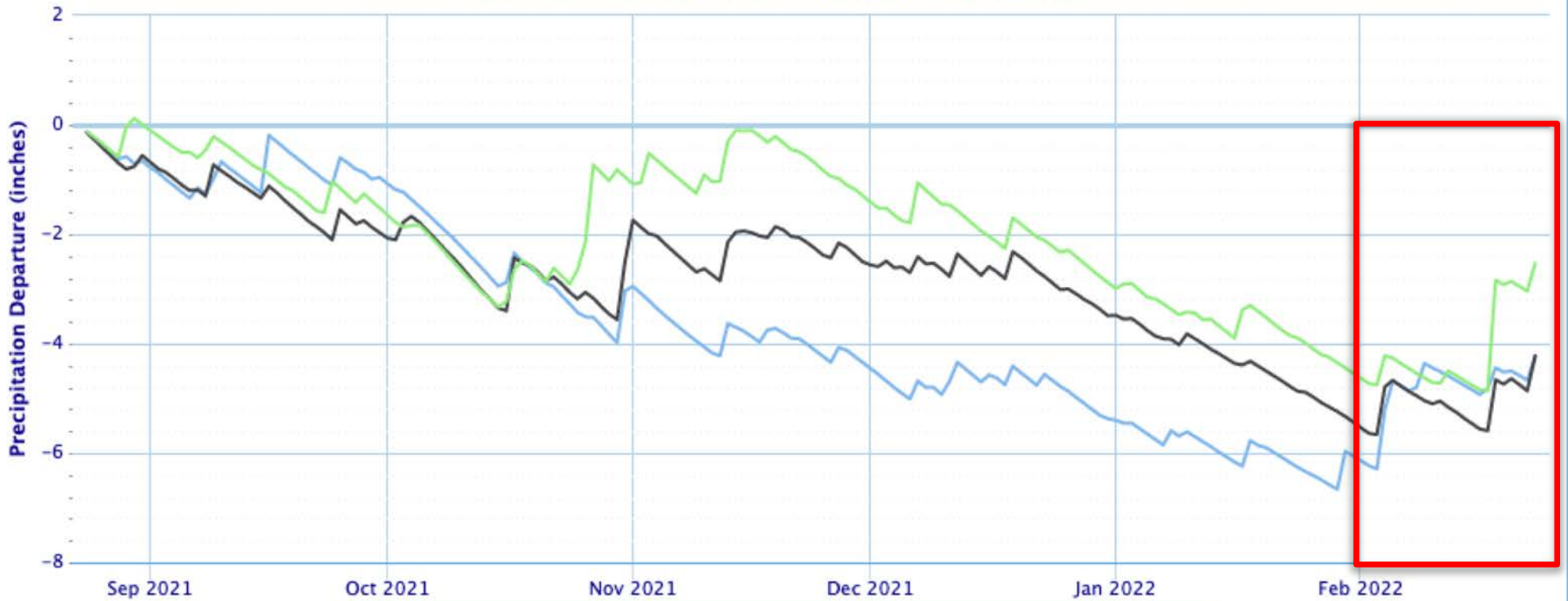
droughtmonitor.unl.edu



Precipitation

Accumulated Precipitation Departure from Normal

Green/black diamonds represent subsequent/missing values



(Click to hide/show lines)

— RANGELEY, ME:Precip Dprt

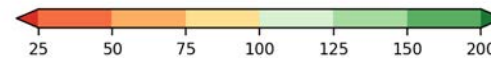
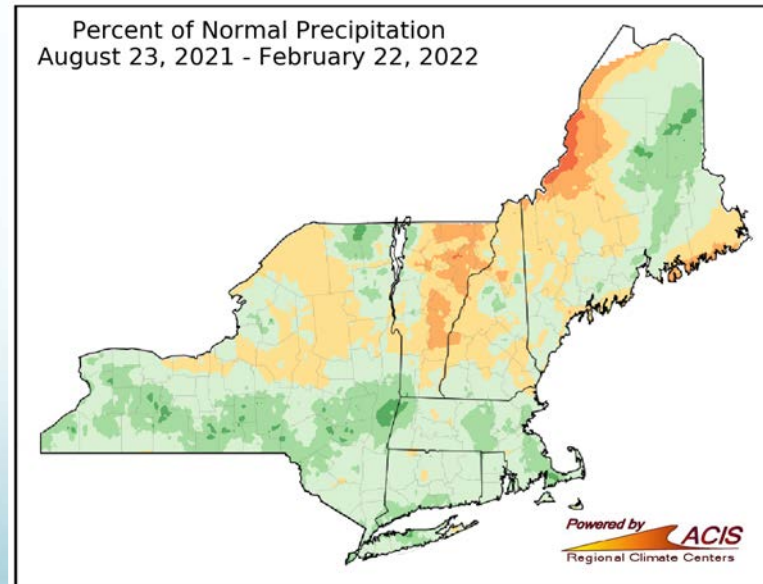
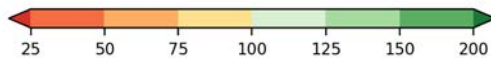
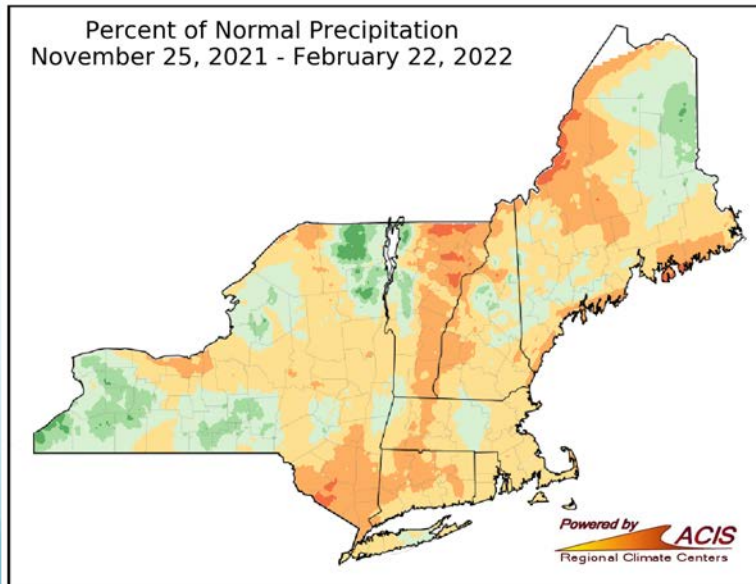
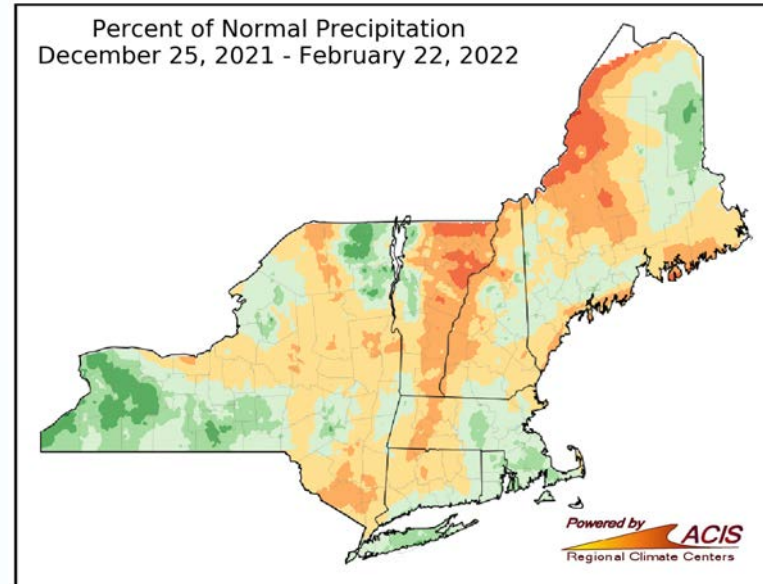
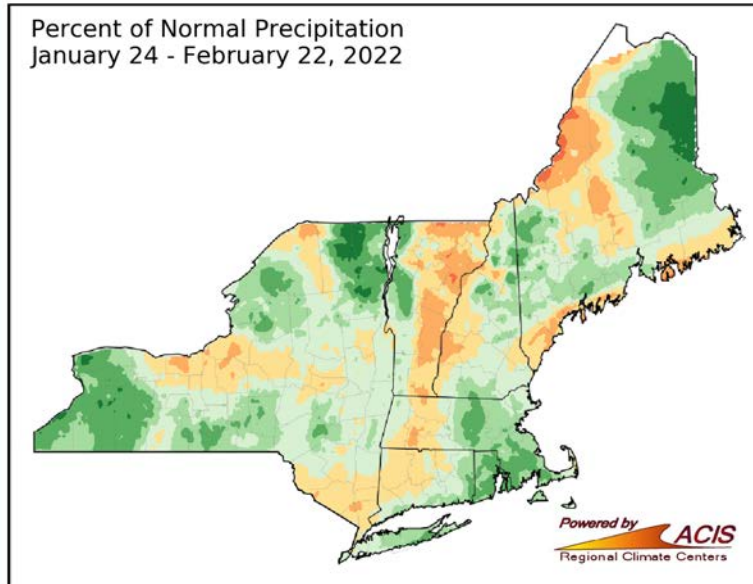
— SUTTON, VT:Precip Dprt

— LOWVILLE, NY:Precip Dprt

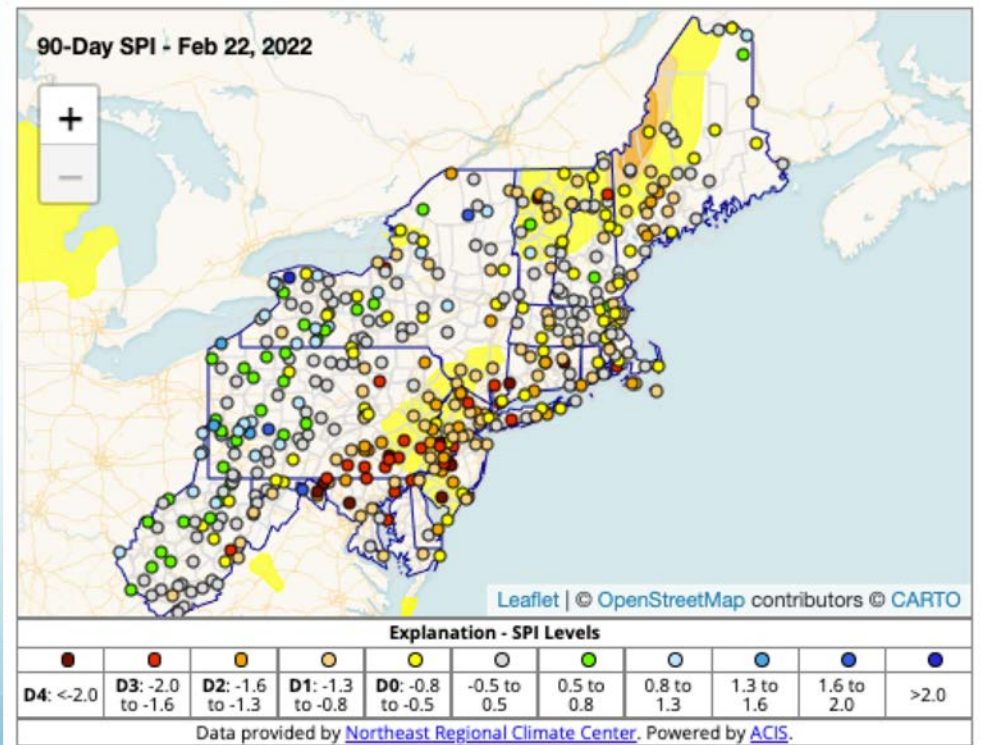
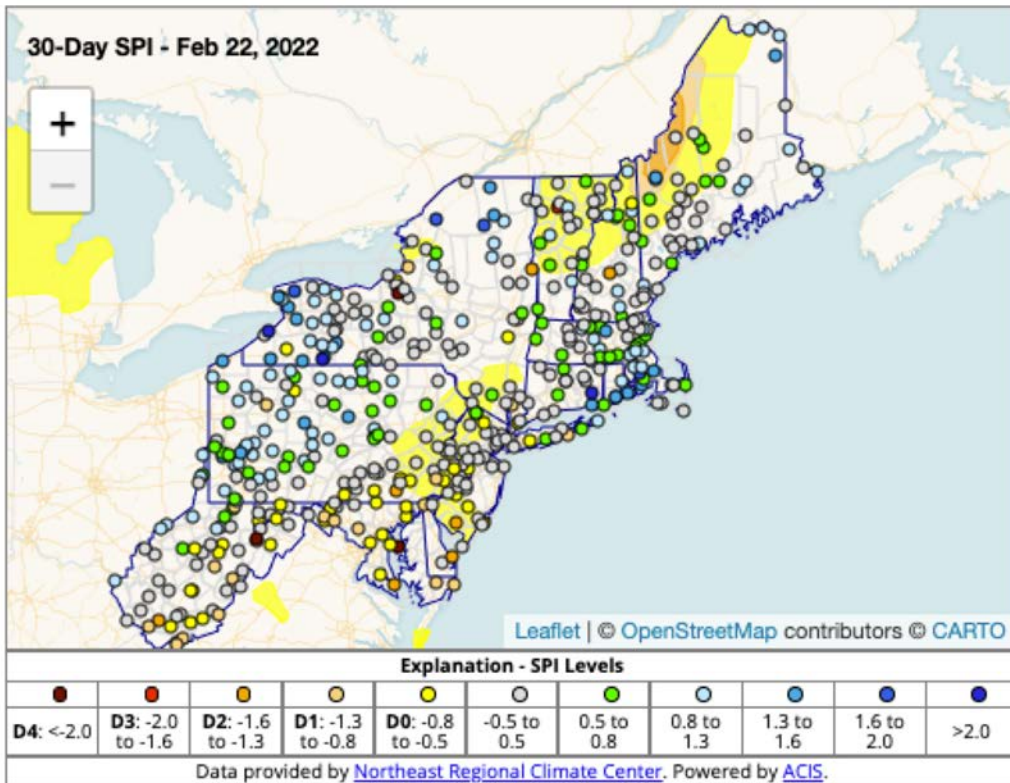
Powered by ACIS



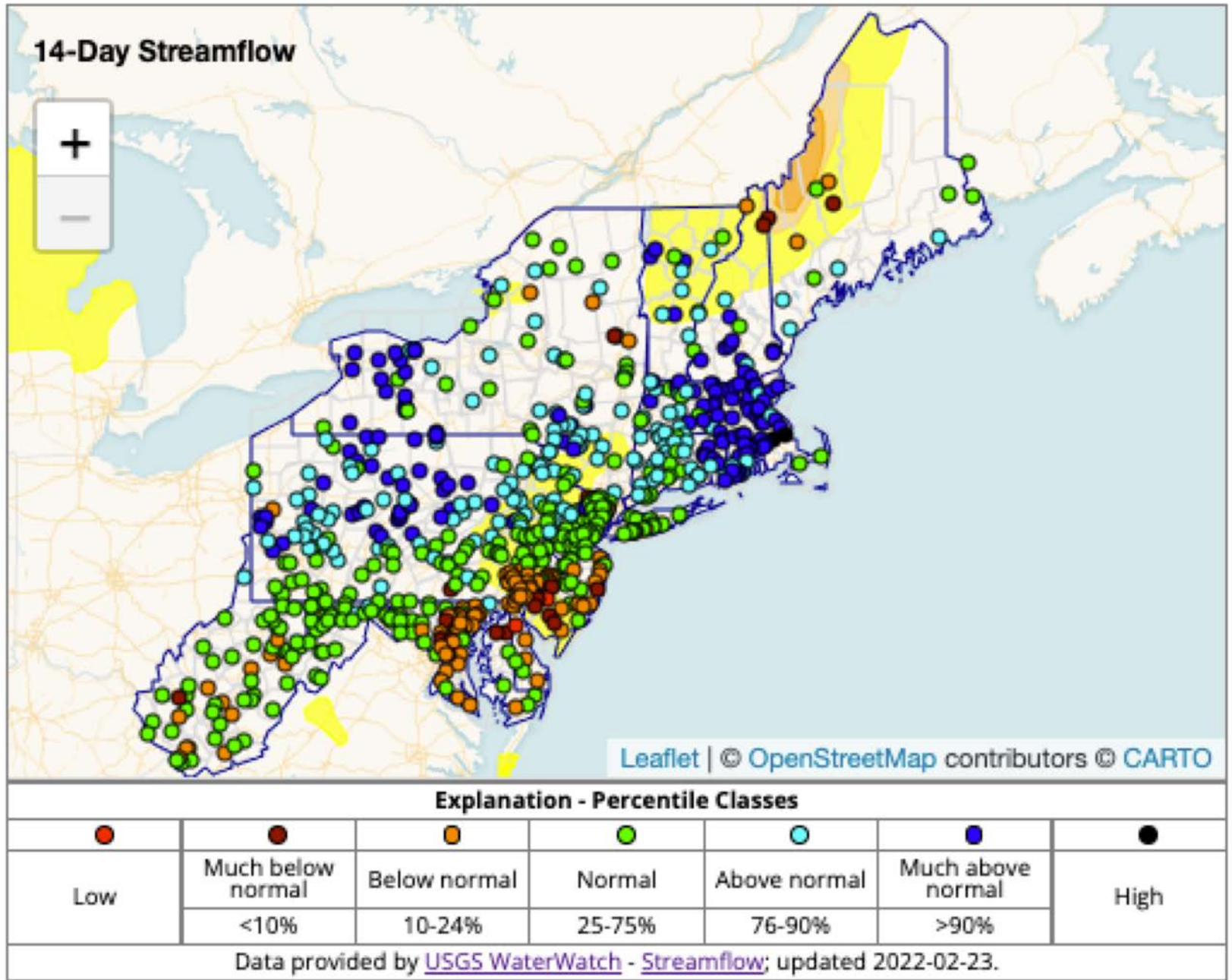
Precipitation



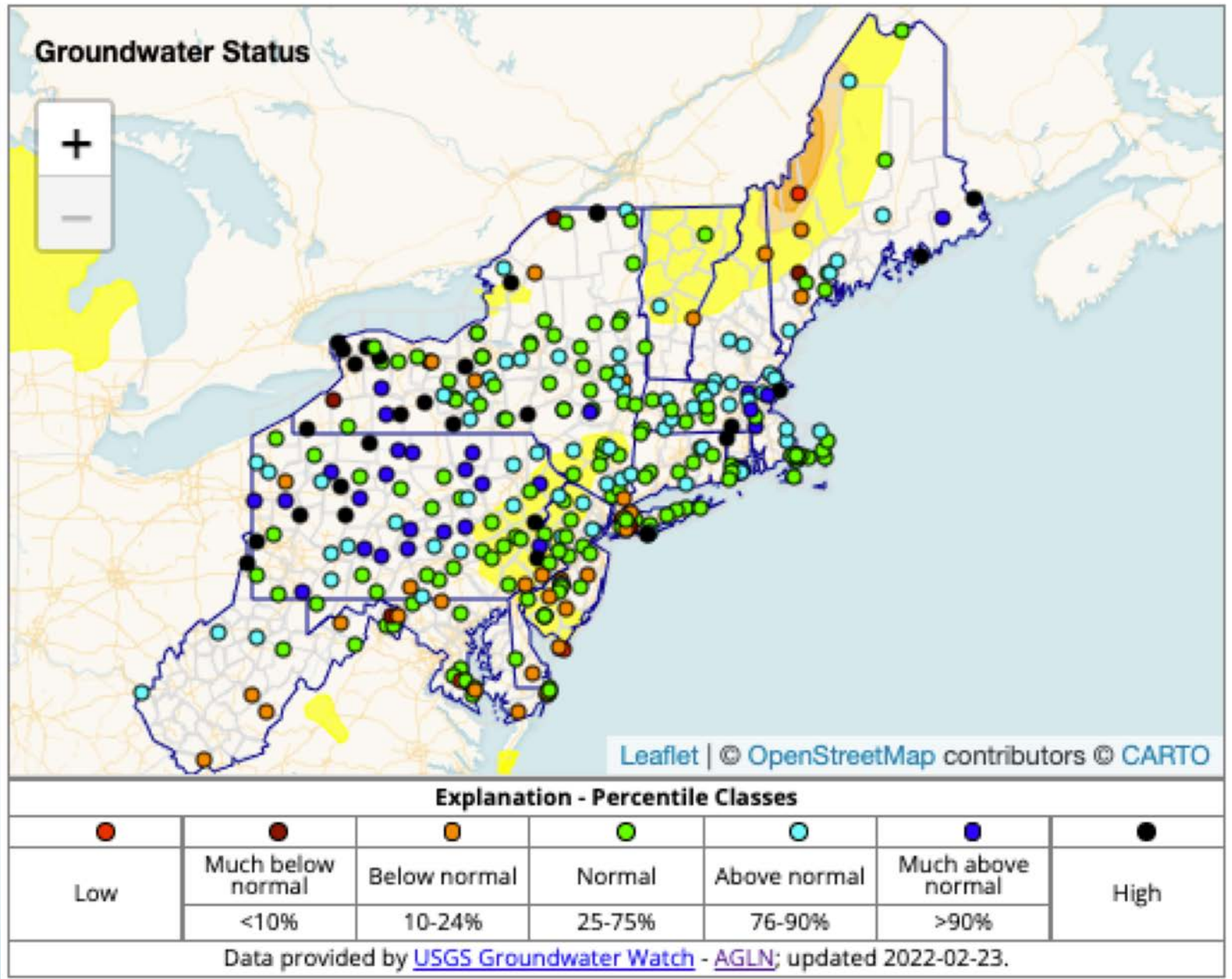
Standardized Precipitation Index



Streamflow



Groundwater





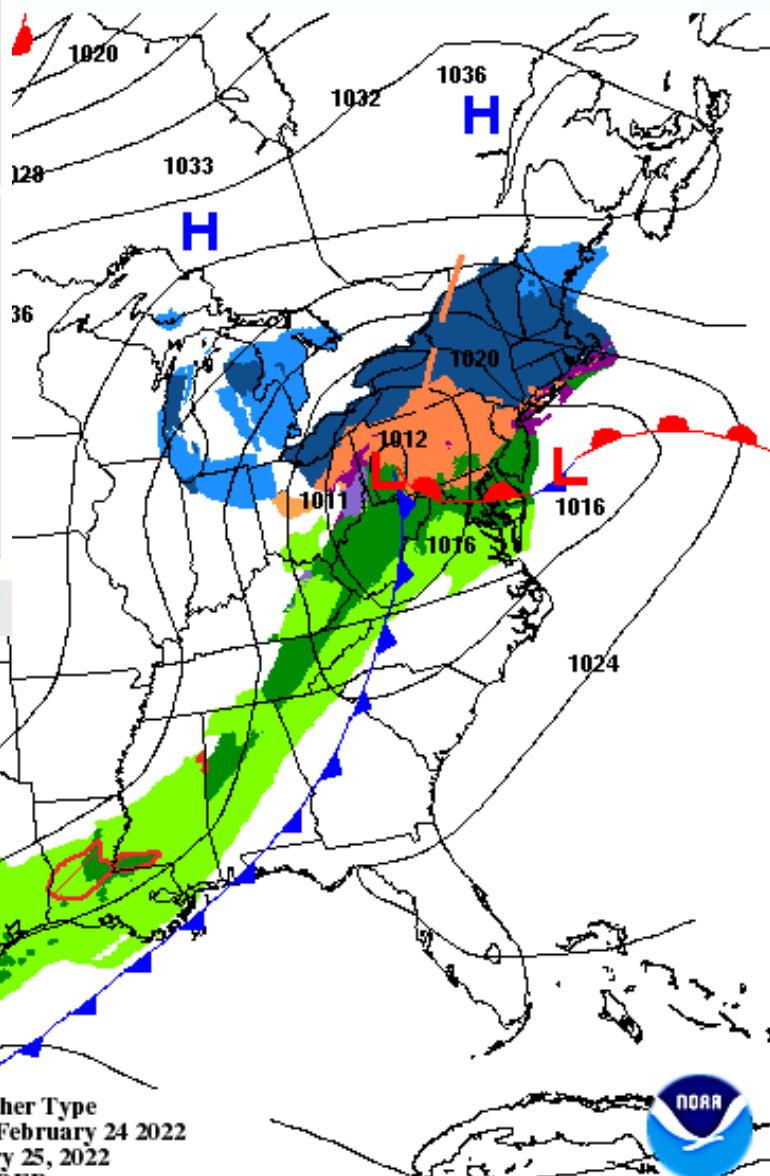
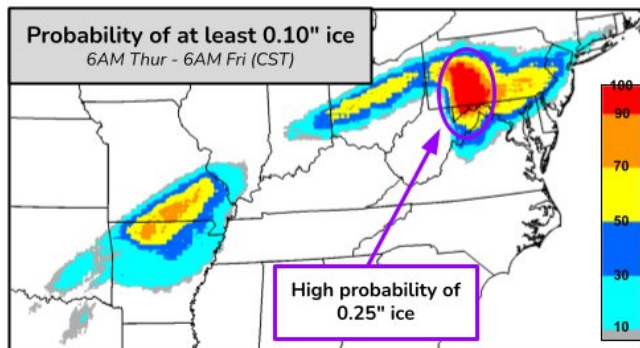
Key Messages for Feb. 23-25 Winter Storm

Updated Feb. 24, 2022
4:00AM CST

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

Precipitation Forecast

- 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.



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

Weather Prediction Center
College Park, MD

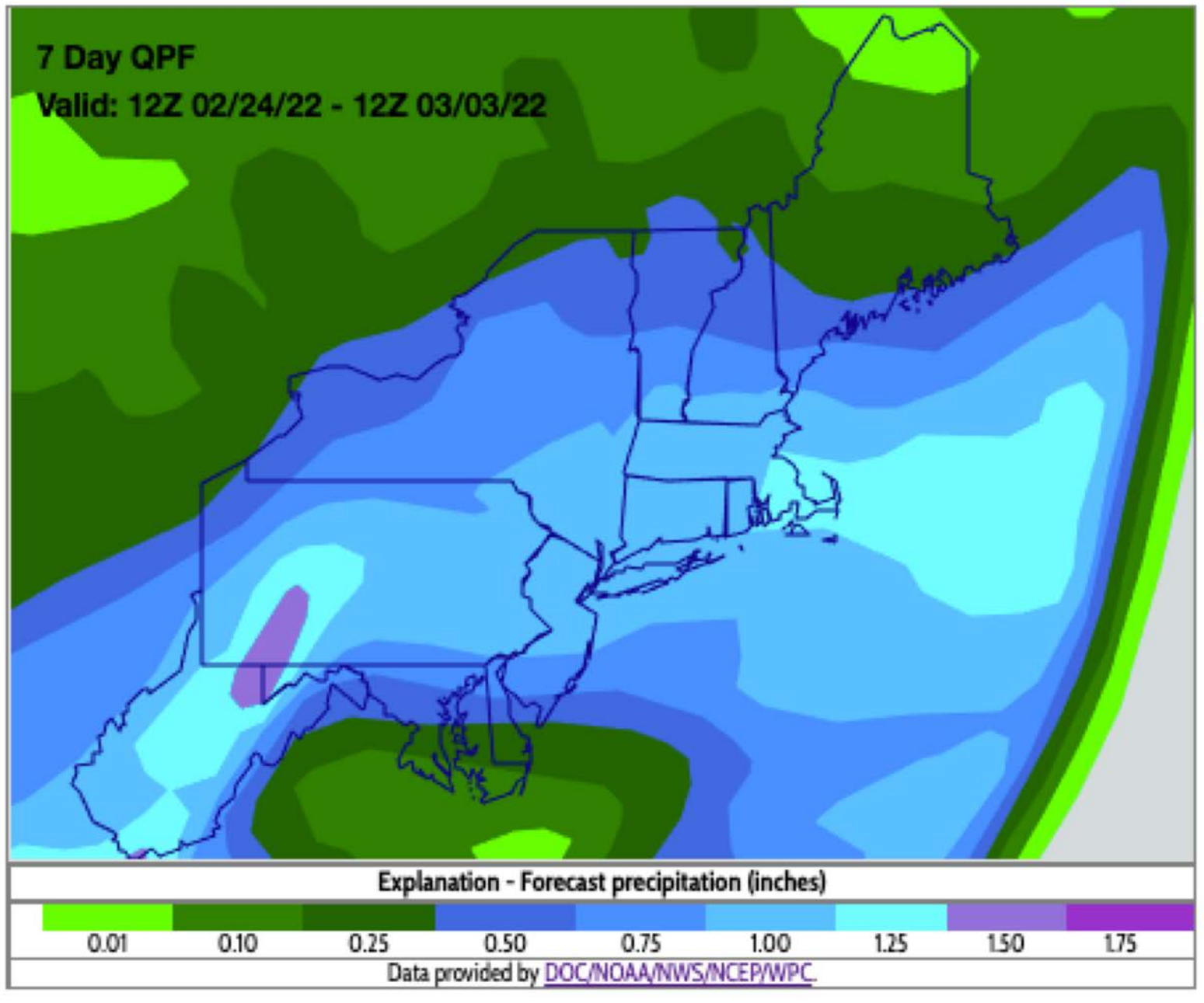
- NDFD Rain (Chance)
- NDFD Rain (Likely)
- NDFD Snow (Chance)
- NDFD Snow (Likely)
- NDFD Mix (Chance)
- NDFD Mix (Likely)
- NDFD Ice (Chance)
- NDFD Ice (Likely)
- NDFD T-Storm (Chance) (Hatched)
- NDFD T-Storm (Likely and/or Severe)



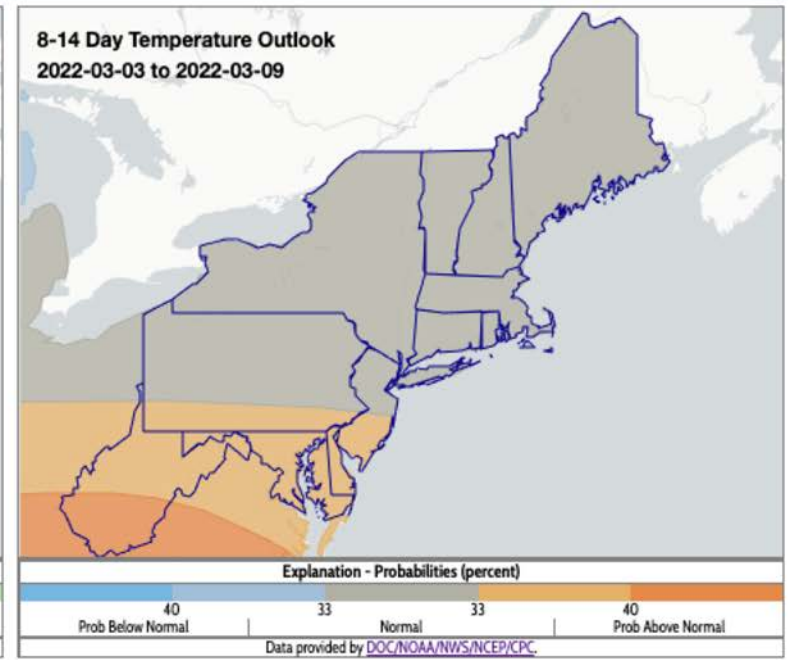
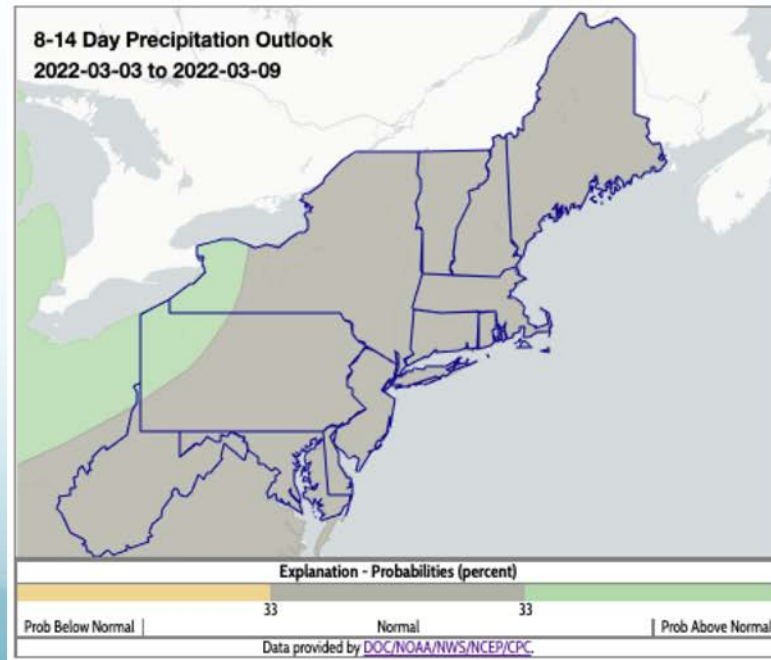
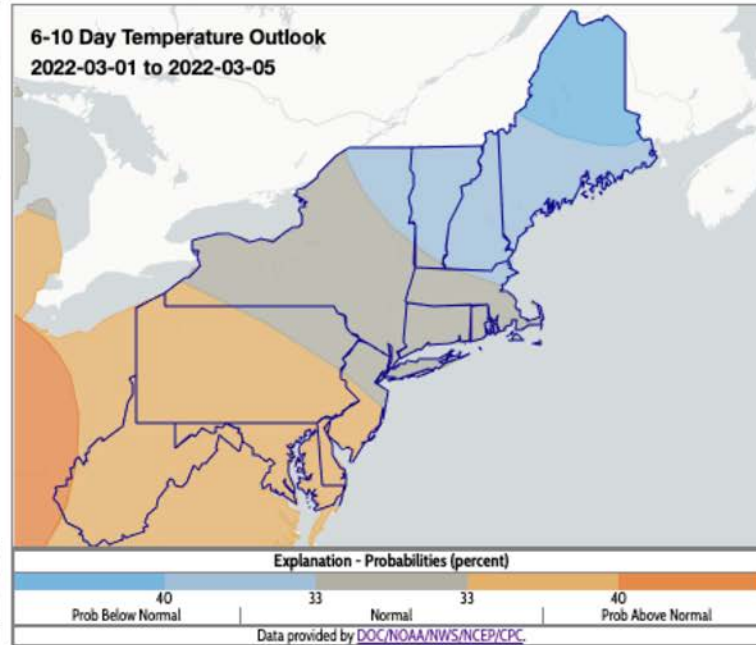
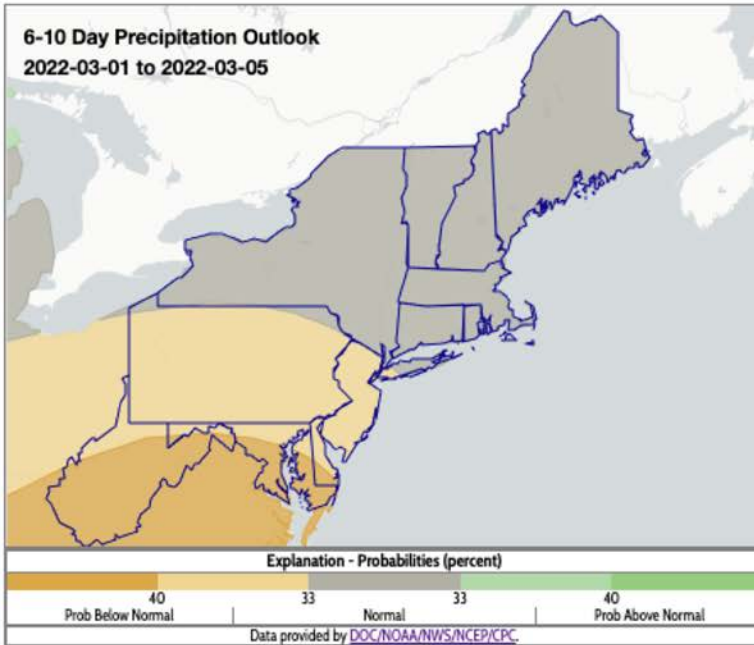
1018 WPC Fronts/NDFD Weather Type
Issued: 1004Z Thursday February 24 2022
Valid 12Z Friday February 25, 2022
Forecaster: ZIEGENFELDER



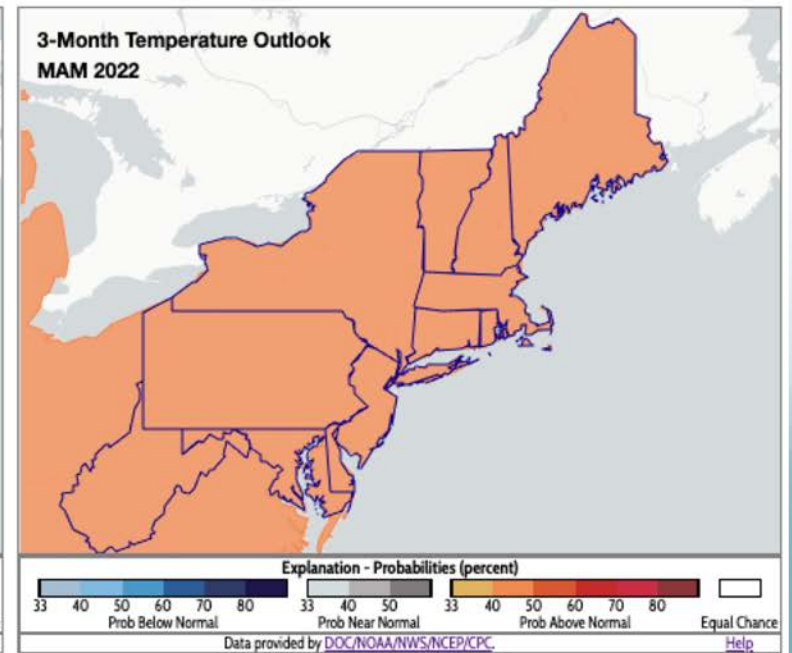
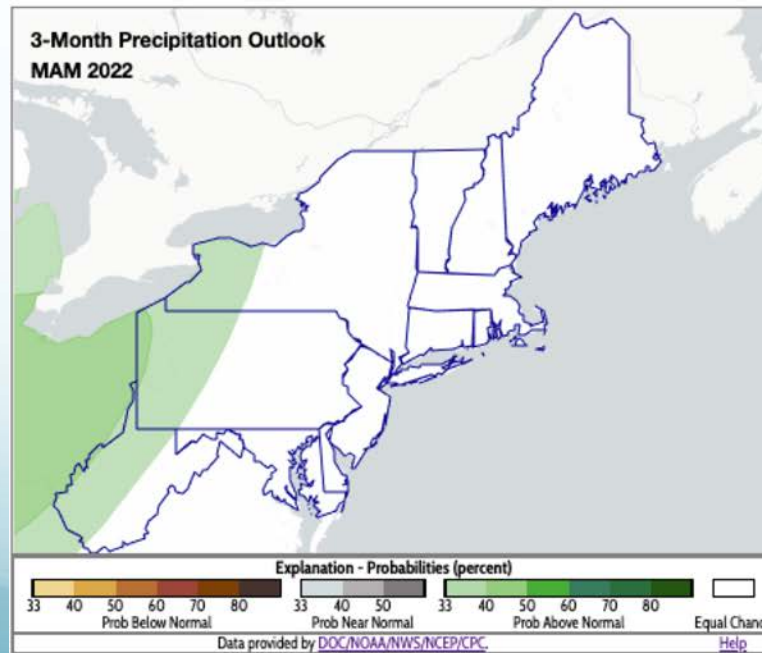
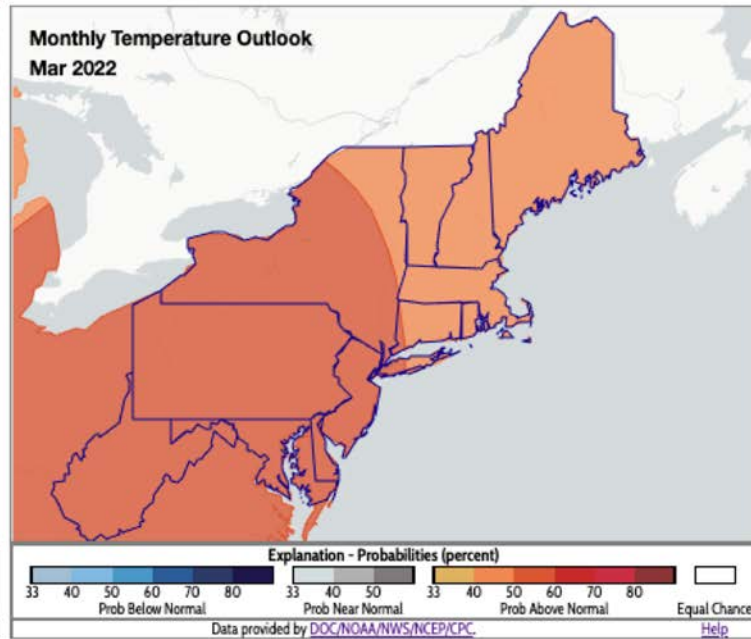
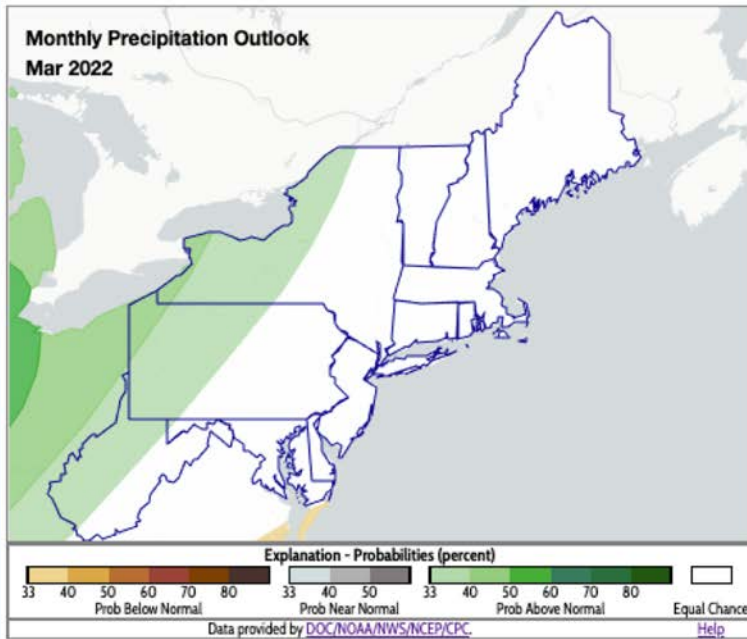
Precipitation Forecast



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