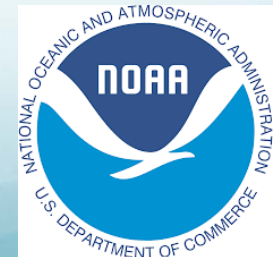


January Review & Northeast DEWS Discussion

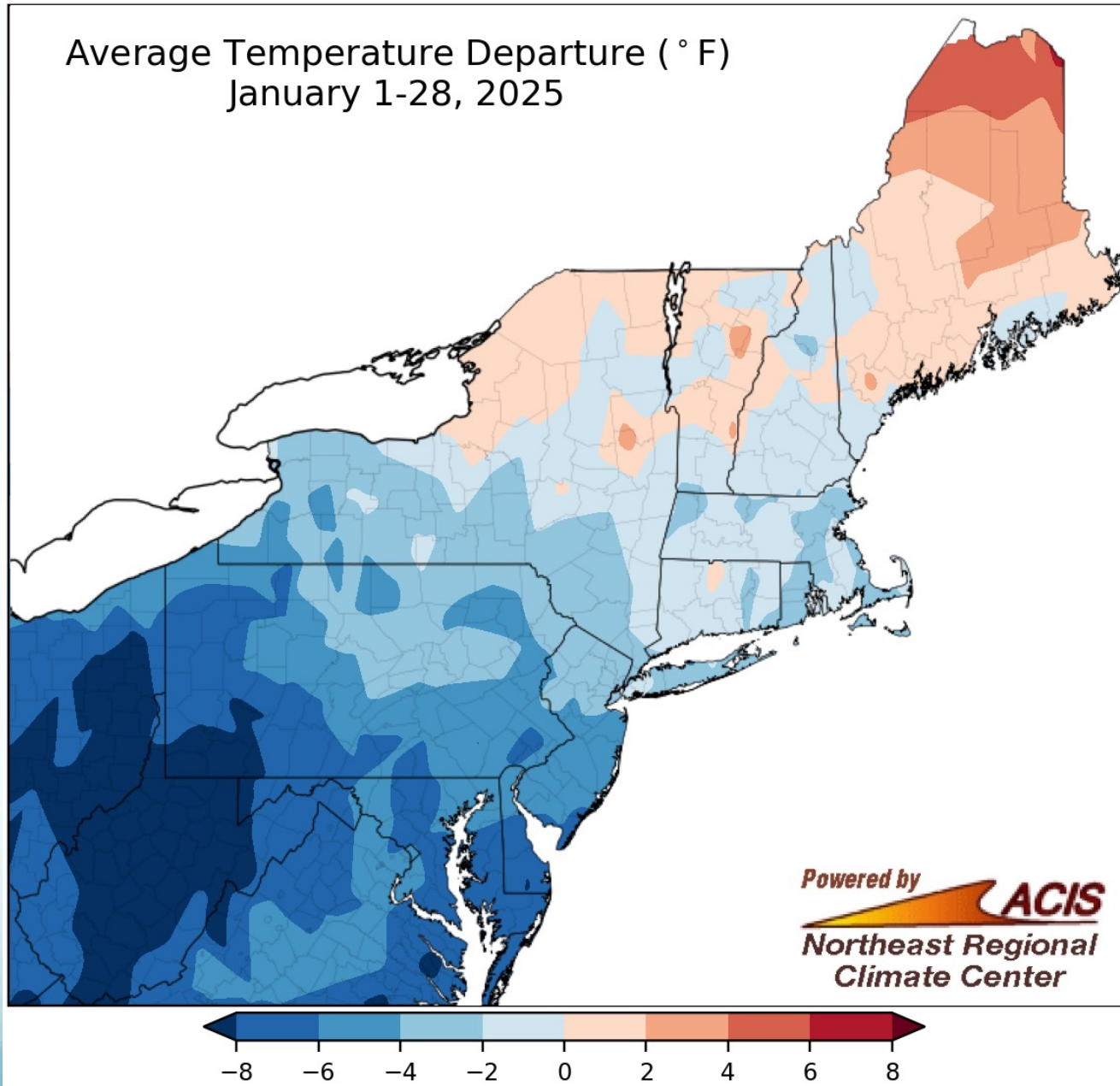
By: Samantha Borisoff, Climatologist
Northeast Regional Climate Center



Northeast Regional
Climate Center

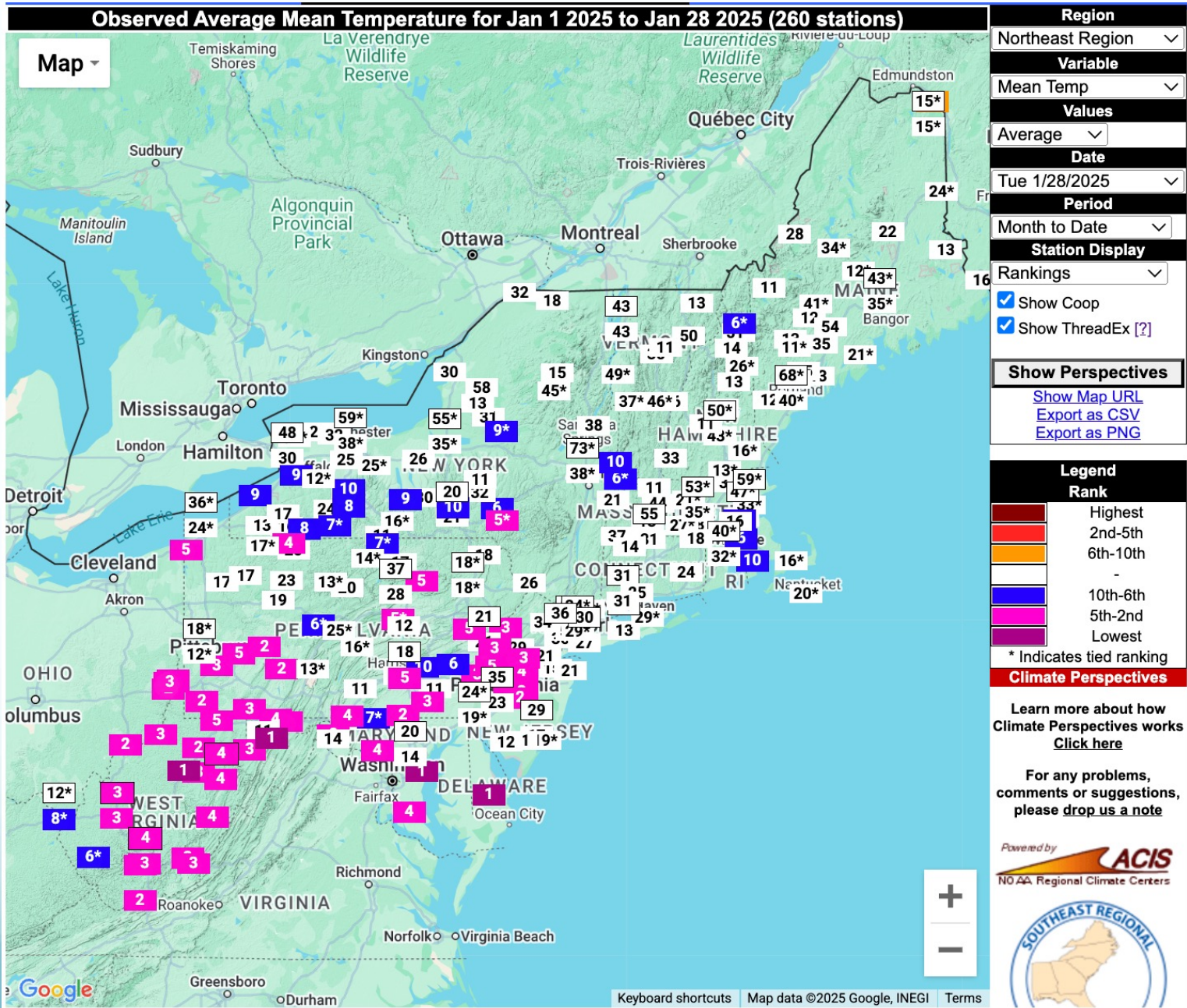


January Temperatures



From more than 8°F below normal to 6°F above normal

January Temperatures



Created by and hosted at the [Southeast Regional Climate Center](#).



Minimum 1-Day Mean Min Temperature for Middletown-Harrisburg Area, PA (ThreadEx)

Click column heading to sort ascending, click again to sort descending.

Rank	Value	Ending Date
1	-22.0	1994-01-21
2	-16.0	1994-01-20
3	-14.0	1994-01-19
-	-14.0	1912-01-14
5	-13.0	1899-02-10
6	-11.0	1934-02-09
7	-10.0	1899-02-11
8	-9.0	1985-01-21
-	-9.0	1984-01-22
10	-8.0	1960-12-23
-	-8.0	1918-01-20
12	-7.0	2025-01-22
-	-7.0	1994-01-18

January Temperatures



NWS Pittsburgh
@NWSPPittsburgh

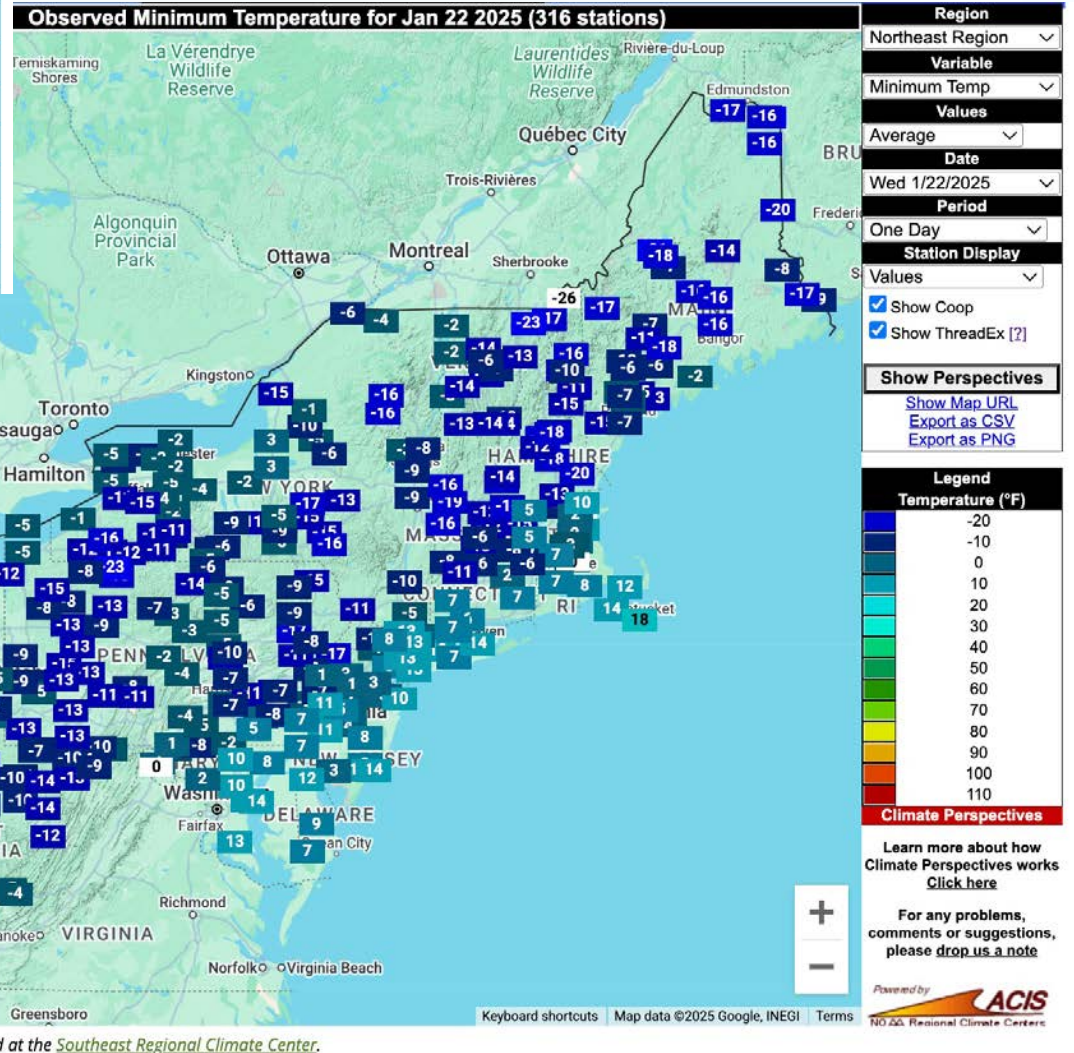
For Pittsburgh, the lowest temperature recorded this morning was -9°F. It hasn't been this cold since February 2015.

6:33 AM · Jan 22, 2025 · 150.3K Views

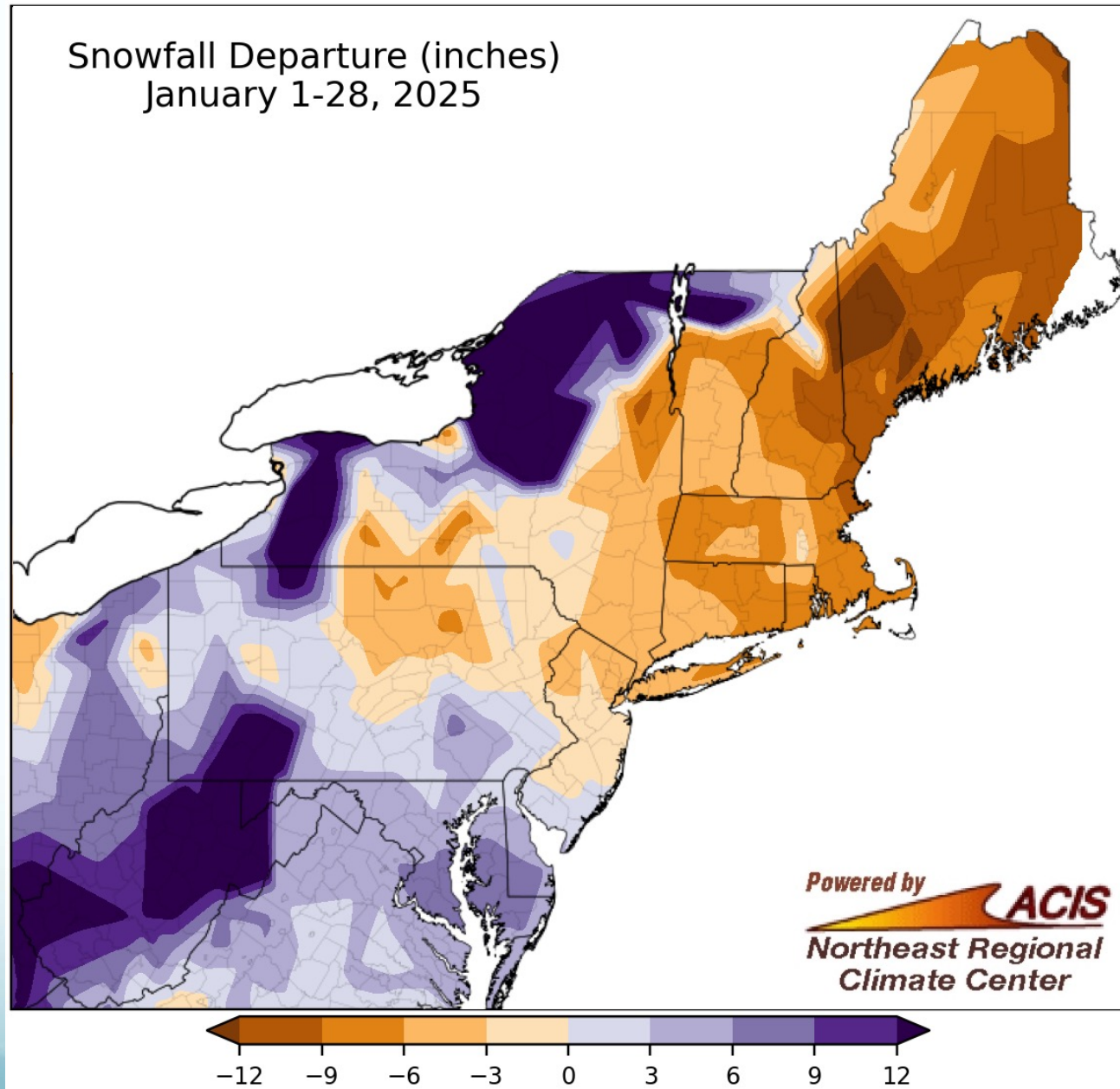
National High and Low Temperature (for the contiguous United States)
NWS Weather Prediction Center, College Park, MD

High Temperature for Wednesday, January 22, 2025
(As received by 18 UTC January 23)
86 at Santa Ana, CA

Low Temperature for Wednesday, January 22, 2025
(As received by 06 UTC January 23)
-28 at 5 miles east of Davis, WV

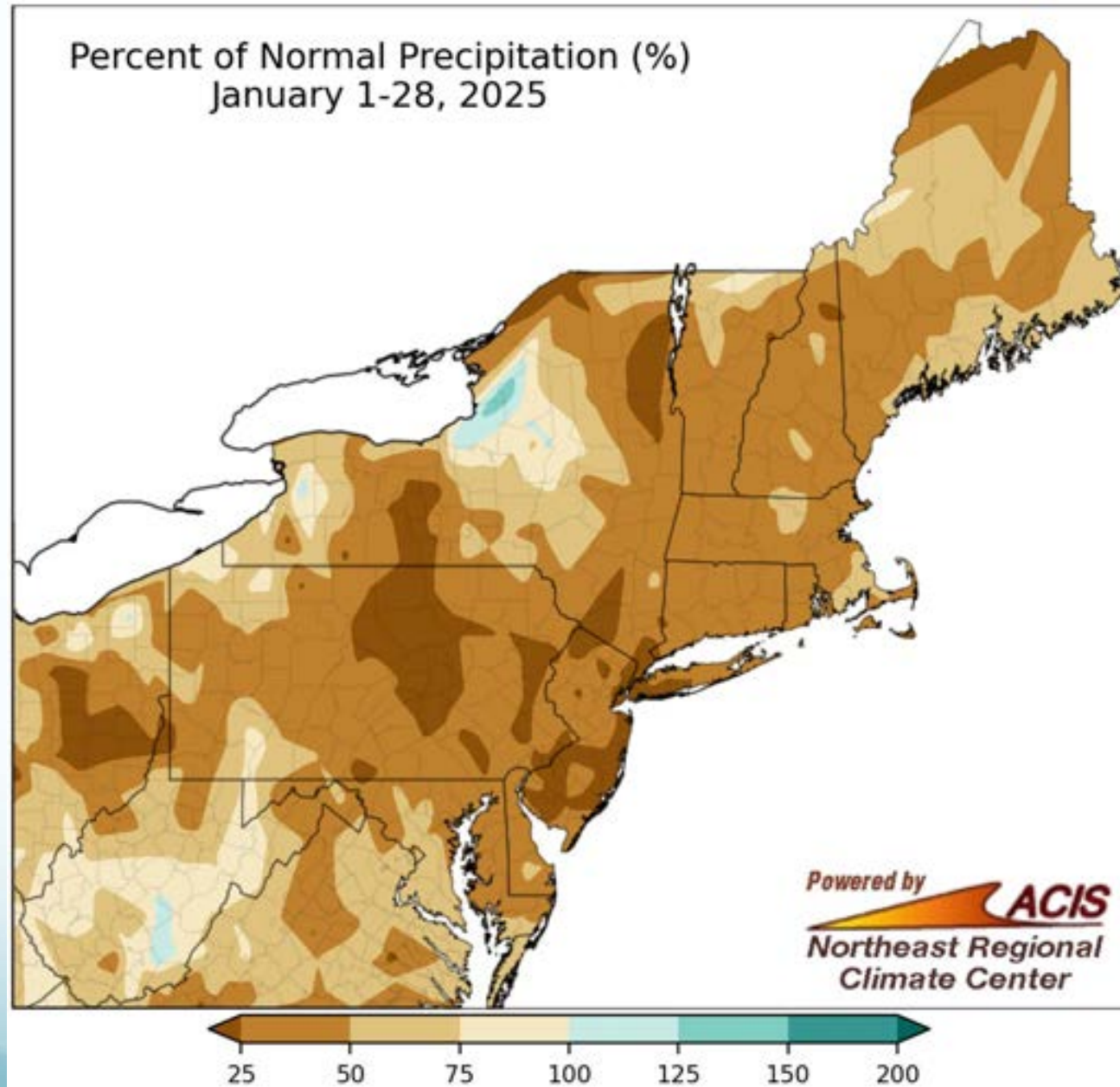


January Snowfall



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

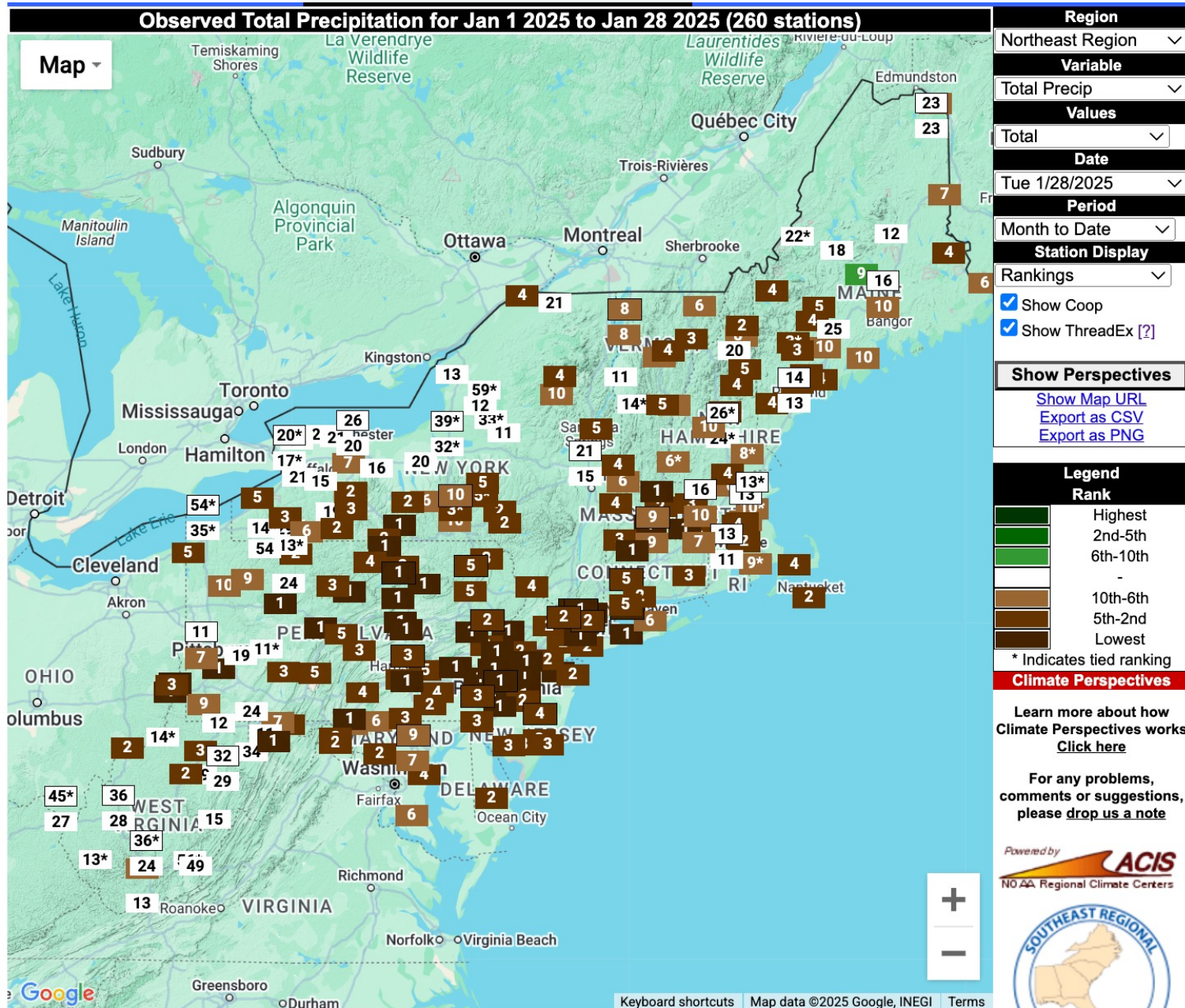
January Precipitation



From less than 25% of normal to 150% of normal



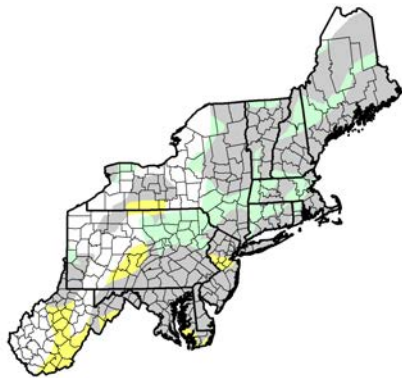
January Precipitation



Created by and hosted at the [Southeast Regional Climate Center](#).

Drought Monitor

U.S. Drought Monitor Class Change - Northeast Climate Region 4 Week

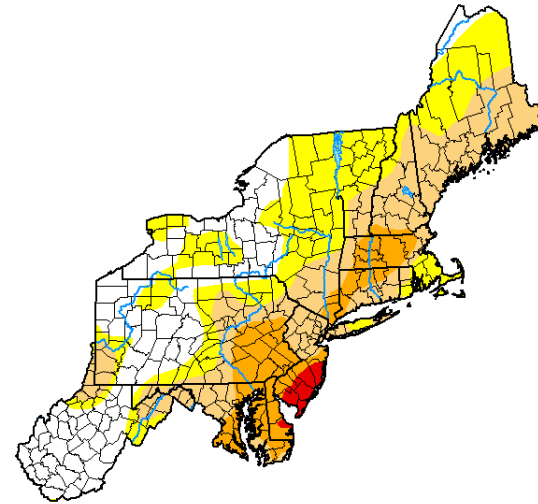


January 28, 2025
compared to
December 31, 2024

droughtmonitor.unl.edu



U.S. Drought Monitor Northeast



December 31, 2024
(Released Wednesday, Jan. 1, 2025)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
Current	27.81	30.61	28.51	11.71	1.37	0.00
Last Week 12-24-2024	23.50	33.13	29.16	12.13	2.07	0.00
3 Months Ago 10-01-2024	45.94	34.77	9.37	4.97	4.27	0.67
Start of Calendar Year 01-02-2024	87.20	10.30	1.83	0.67	0.00	0.00
Start of Water Year 10-01-2024	45.94	34.77	9.37	4.97	4.27	0.67
One Year Ago 01-02-2024	87.20	10.30	1.83	0.67	0.00	0.00

Intensity



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>

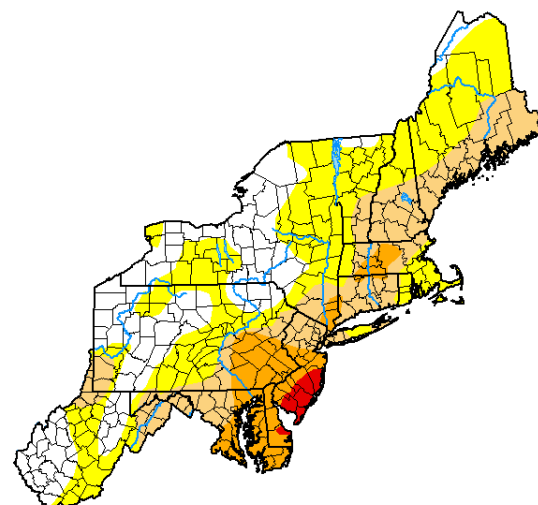
Author:

Rocky Bilotta
NCEI/NOAA



droughtmonitor.unl.edu

U.S. Drought Monitor Northeast



January 28, 2025
(Released Thursday, Jan. 30, 2025)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
Current	27.00	39.10	22.64	9.90	1.37	0.00
Last Week 01-21-2025	33.83	32.58	23.75	8.49	1.37	0.00
3 Months Ago 10-29-2024	21.01	40.71	23.05	10.42	4.14	0.67
Start of Calendar Year 01-07-2025	33.83	32.27	24.14	8.39	1.37	0.00
Start of Water Year 10-01-2024	45.94	34.77	9.37	4.97	4.27	0.67
One Year Ago 01-30-2024	96.89	2.85	0.19	0.07	0.00	0.00

Intensity



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:

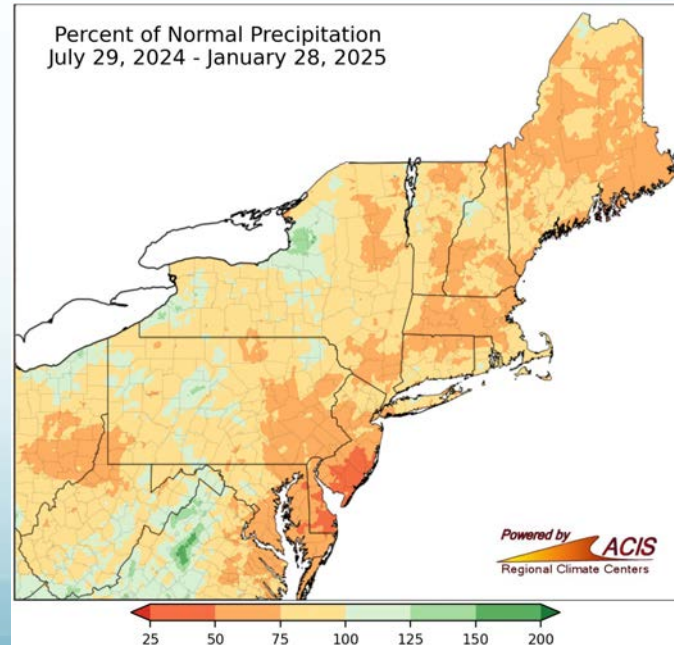
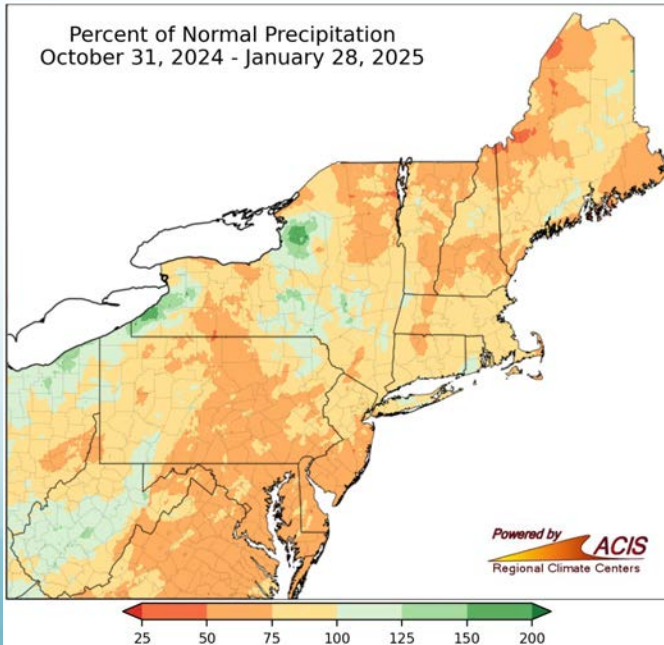
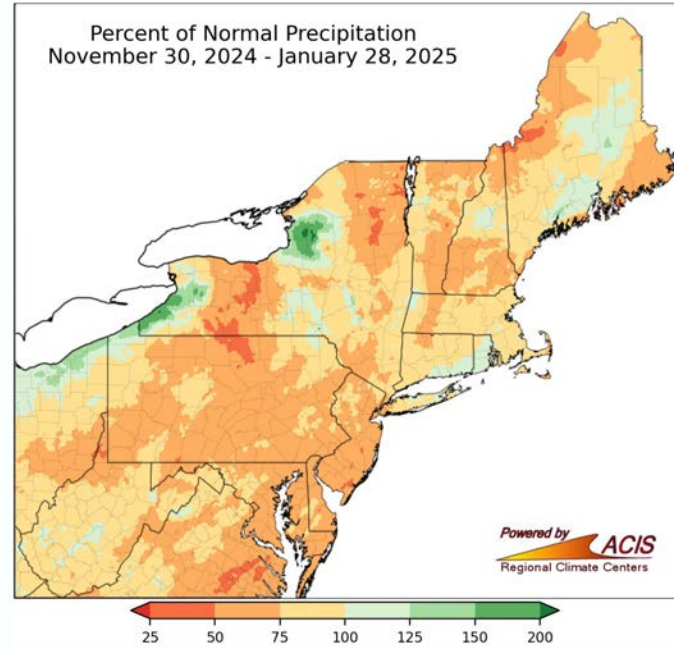
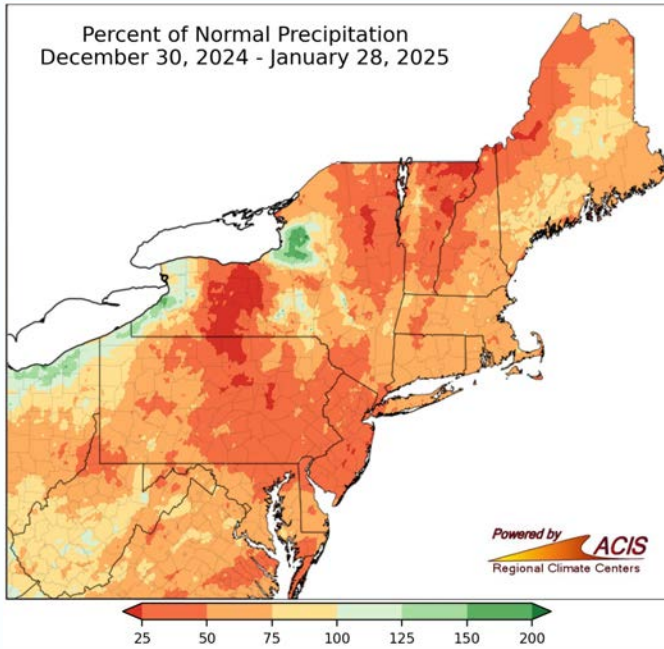
Brian Fuchs
National Drought Mitigation Center



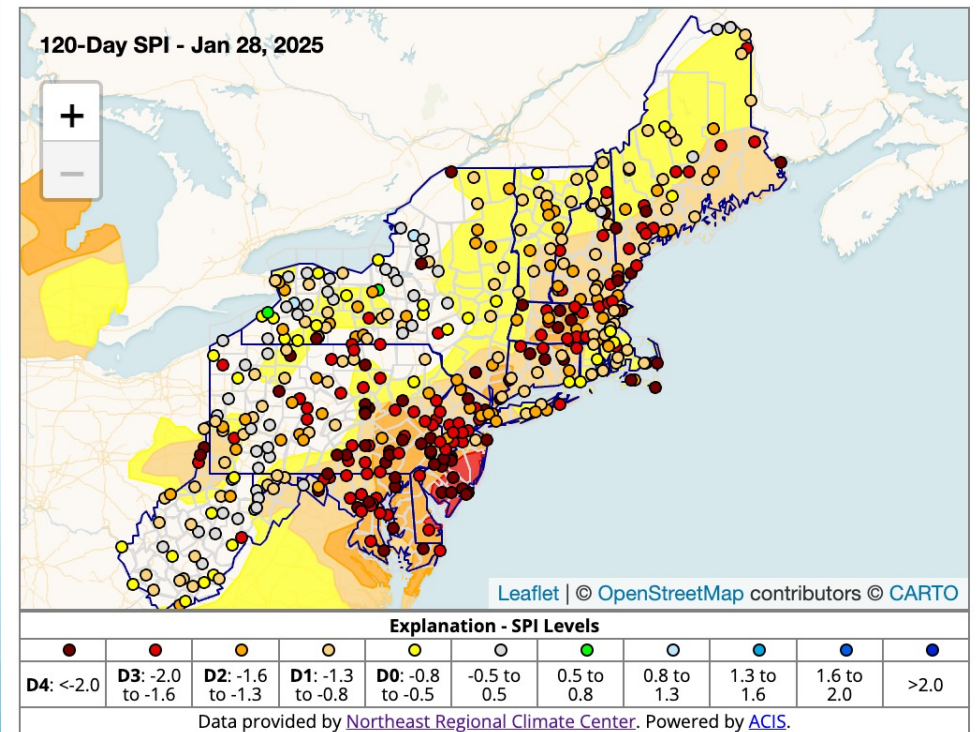
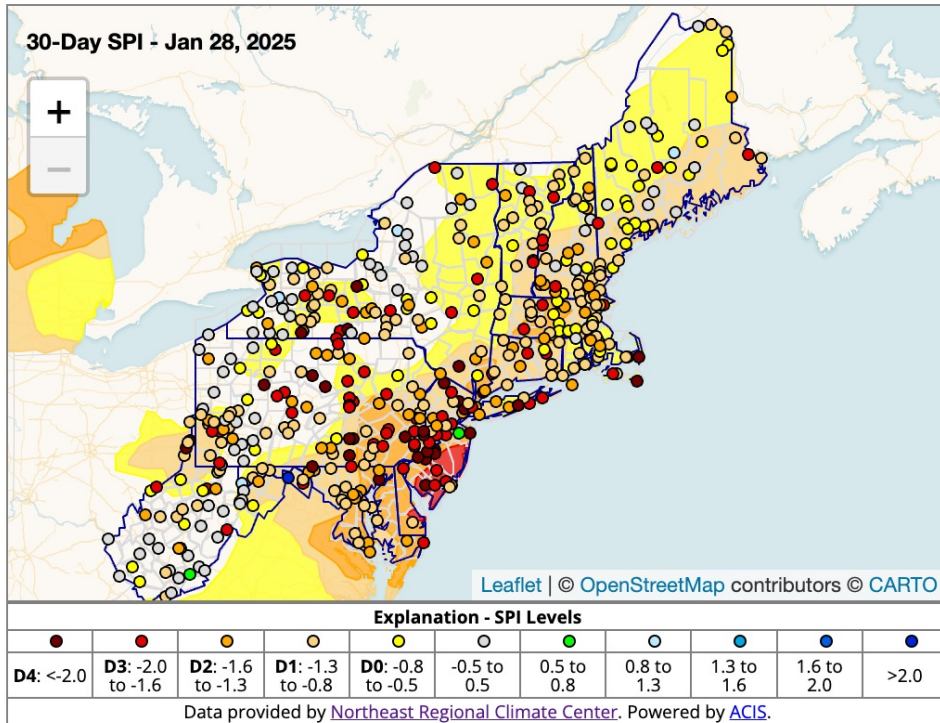
droughtmonitor.unl.edu



Precipitation



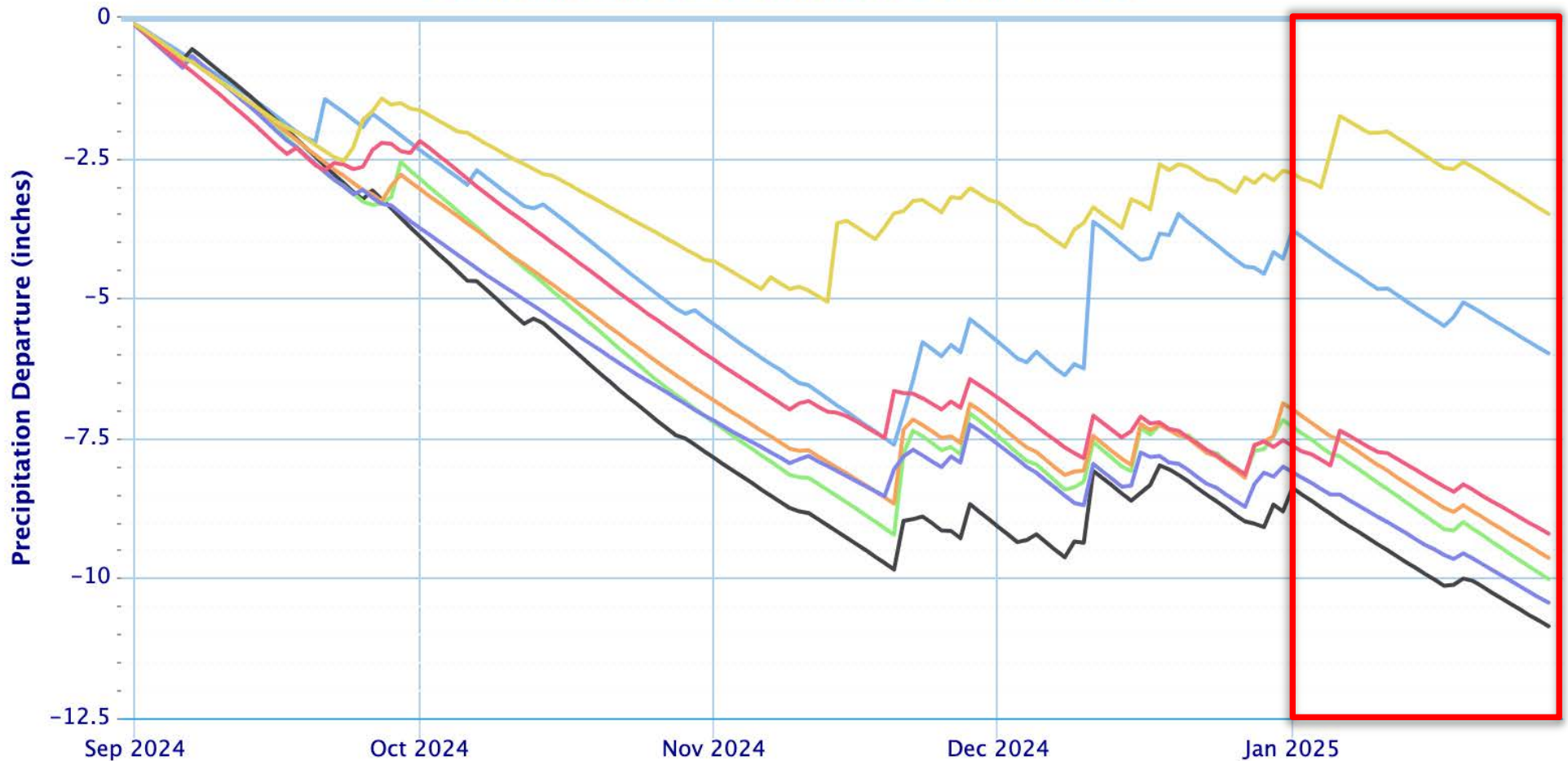
Standardized Precipitation Index



Precipitation

Accumulated Precipitation Departure from Normal

Green/black diamonds represent subsequent/missing values



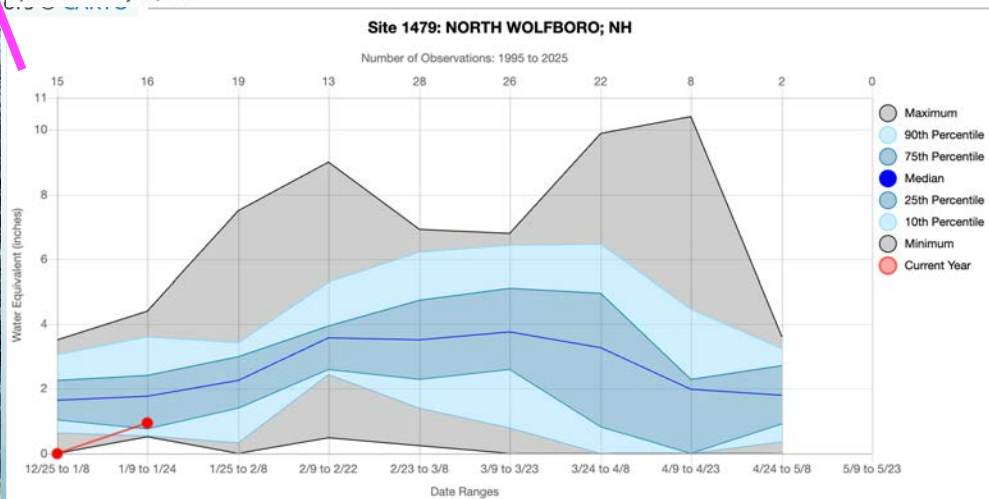
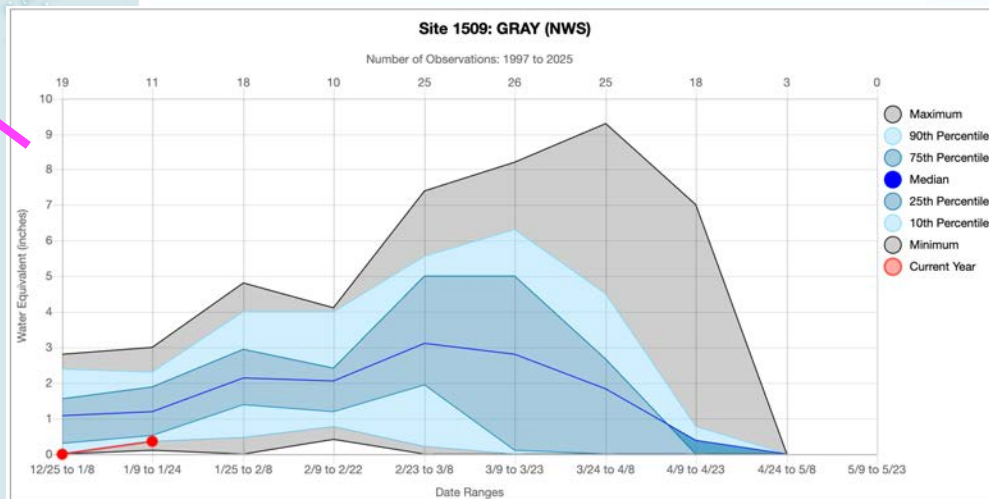
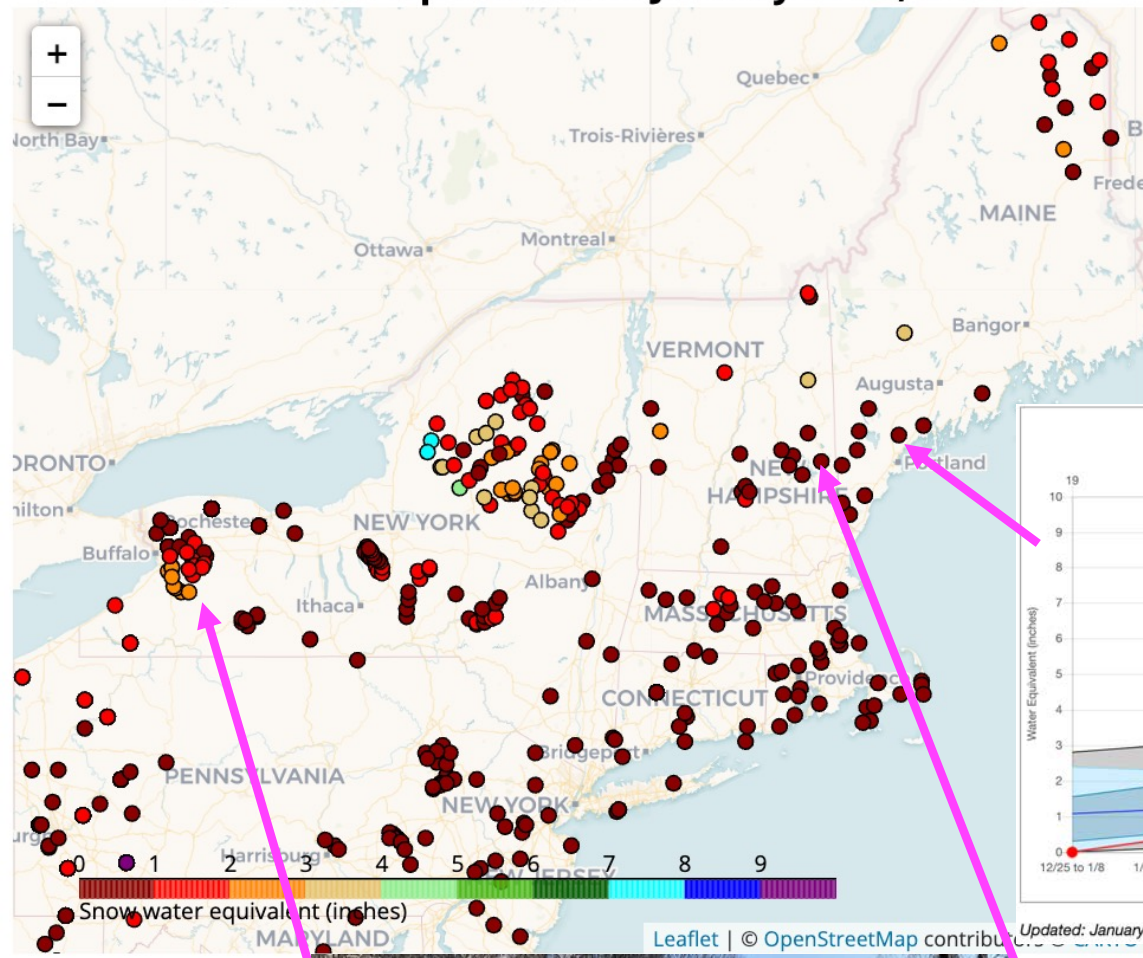
(Click to hide/show lines)

- Boston Area, MA (ThreadEx):Precip Dprt
- Hartford Area, CT (ThreadEx):Precip Dprt
- New York-Central Park Area, NY (ThreadEx):Precip Dprt
- Philadelphia Area, PA (ThreadEx):Precip Dprt
- Charleston Area, WV (ThreadEx):Precip Dprt
- Newark Area, NJ (ThreadEx):Precip Dprt
- Baltimore Area, MD (ThreadEx):Precip Dprt



Snow Water Equivalent for January 11-22, 2025

SWE



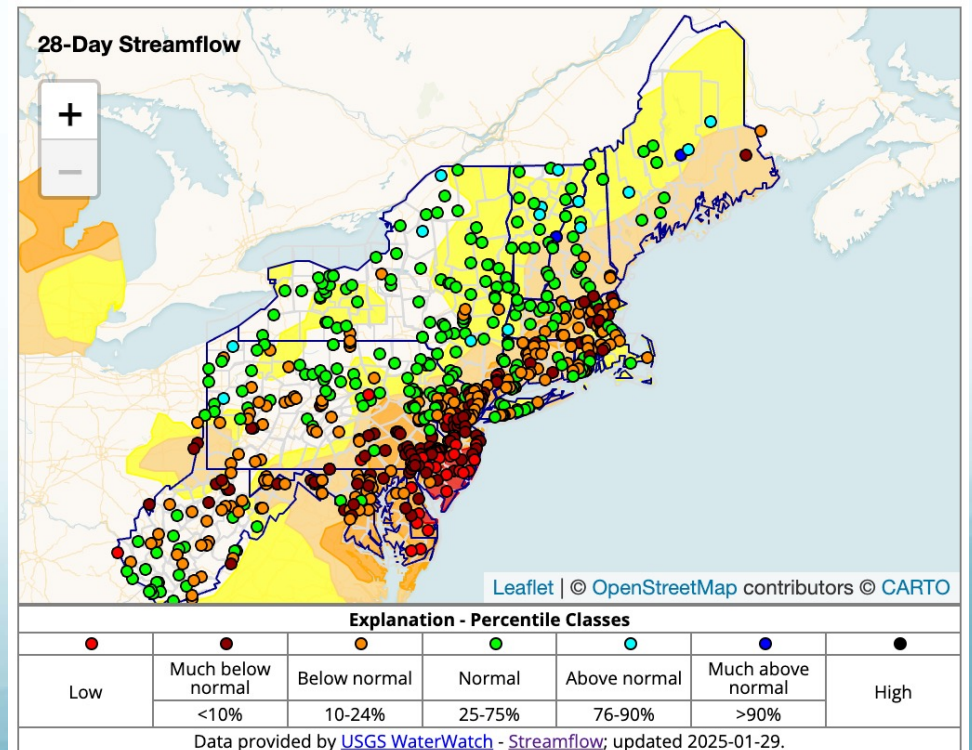
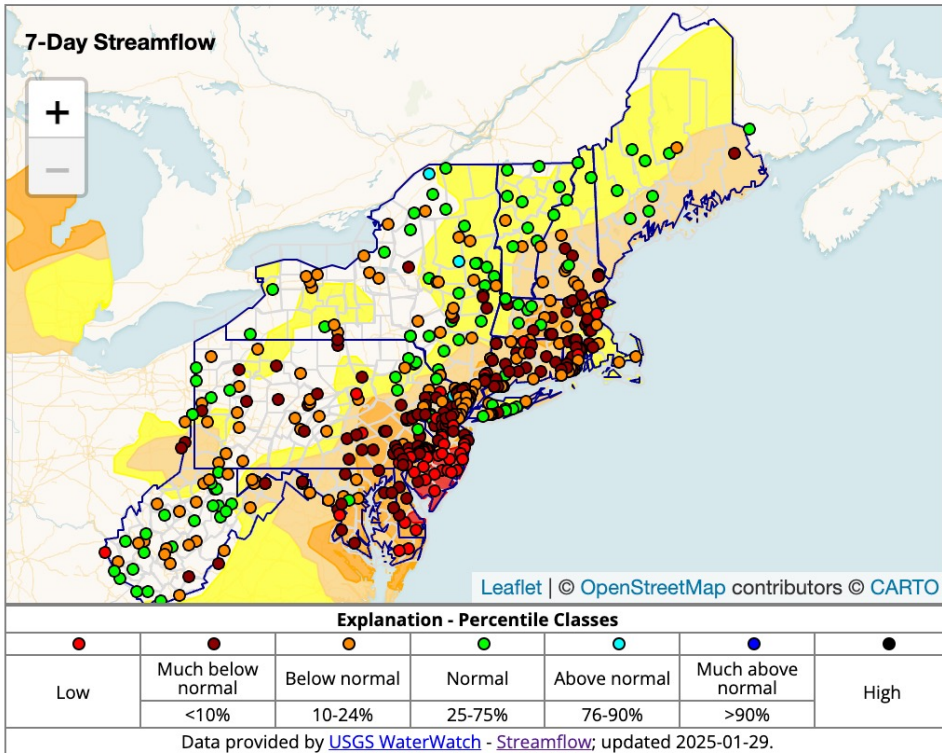
Credit: NWS BUF



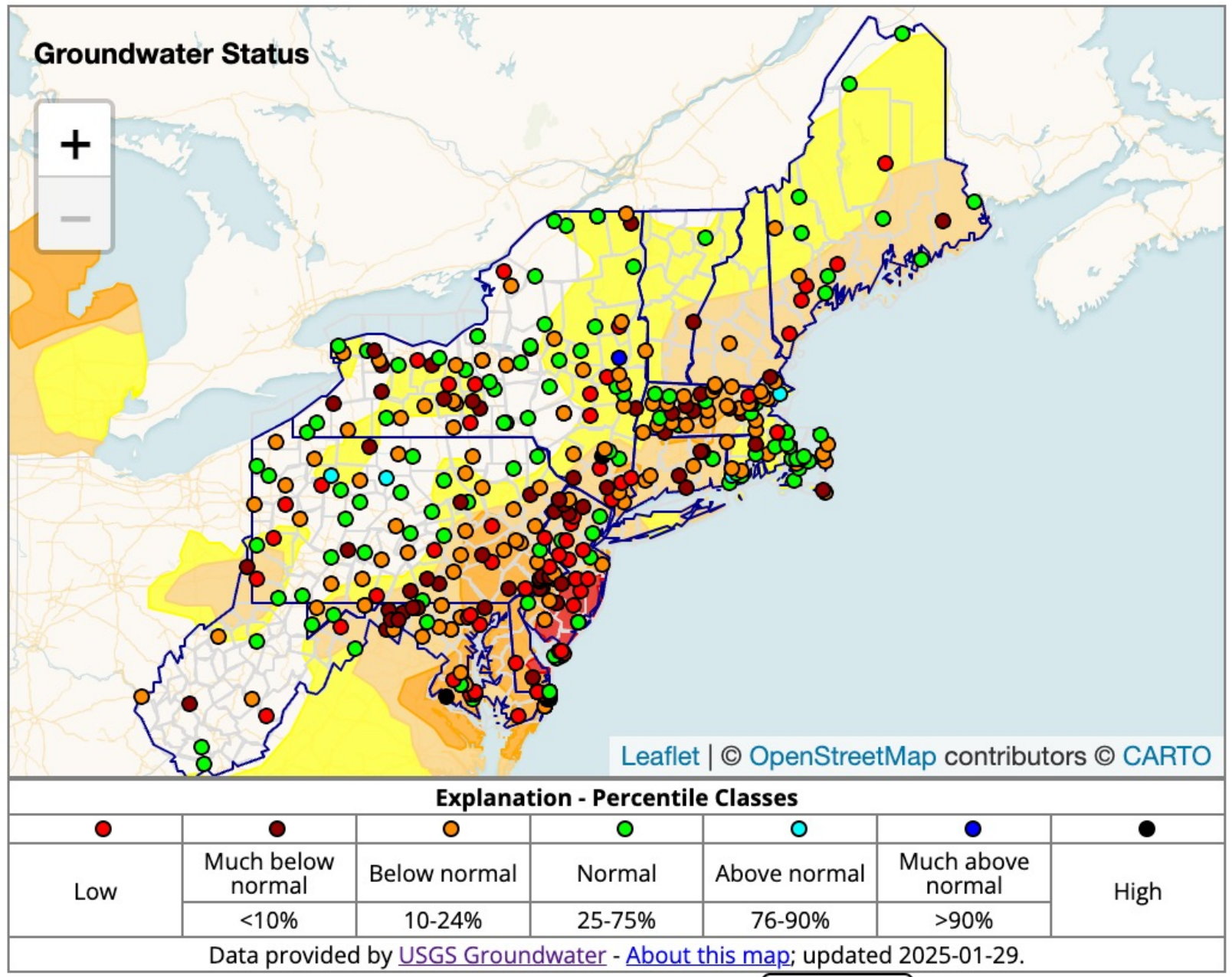
Updated: January 22, 2025

Graphs courtesy of Maine Geological Survey

Streamflow

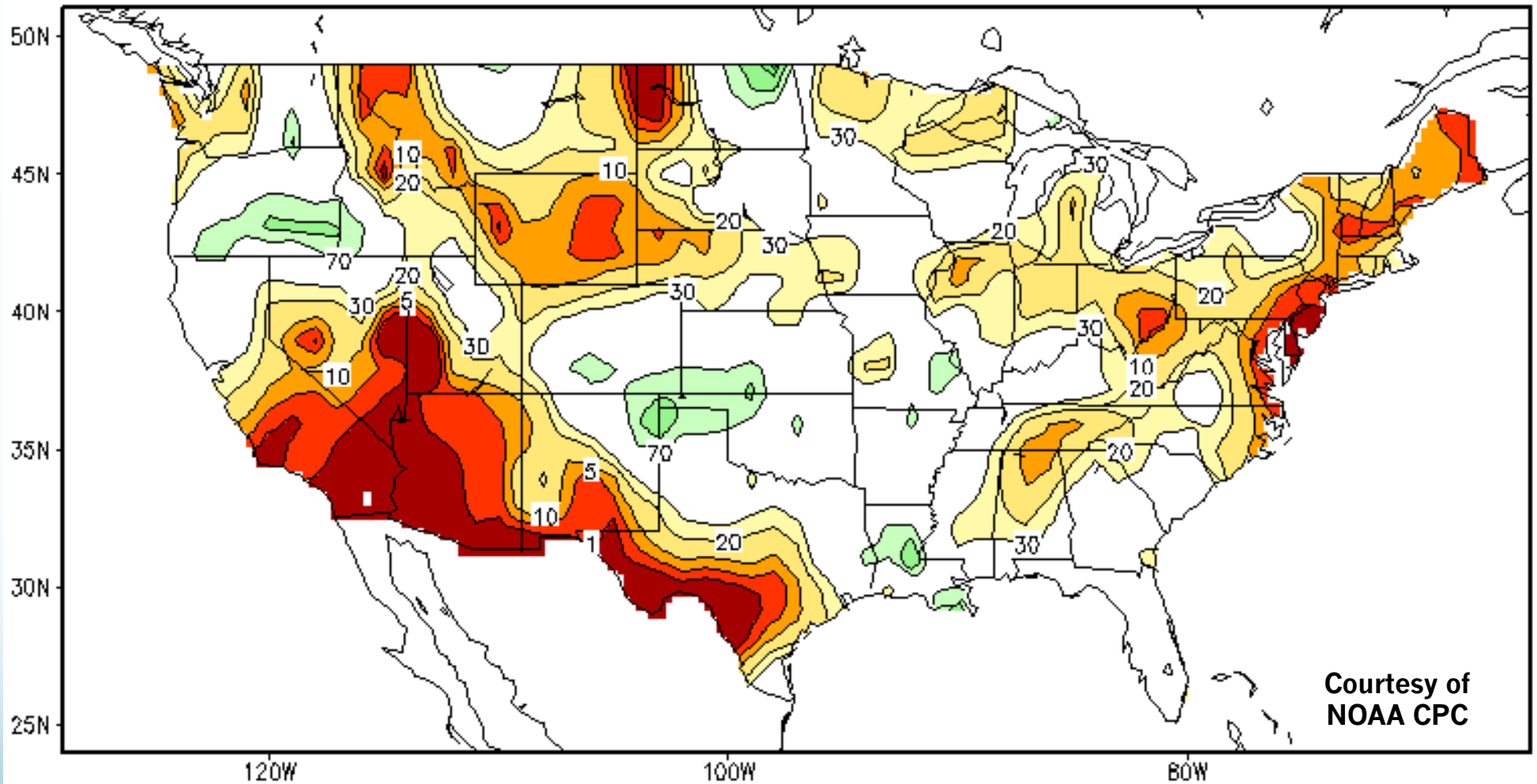


Groundwater

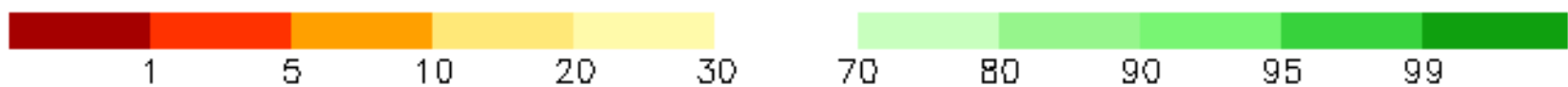


Soil Moisture

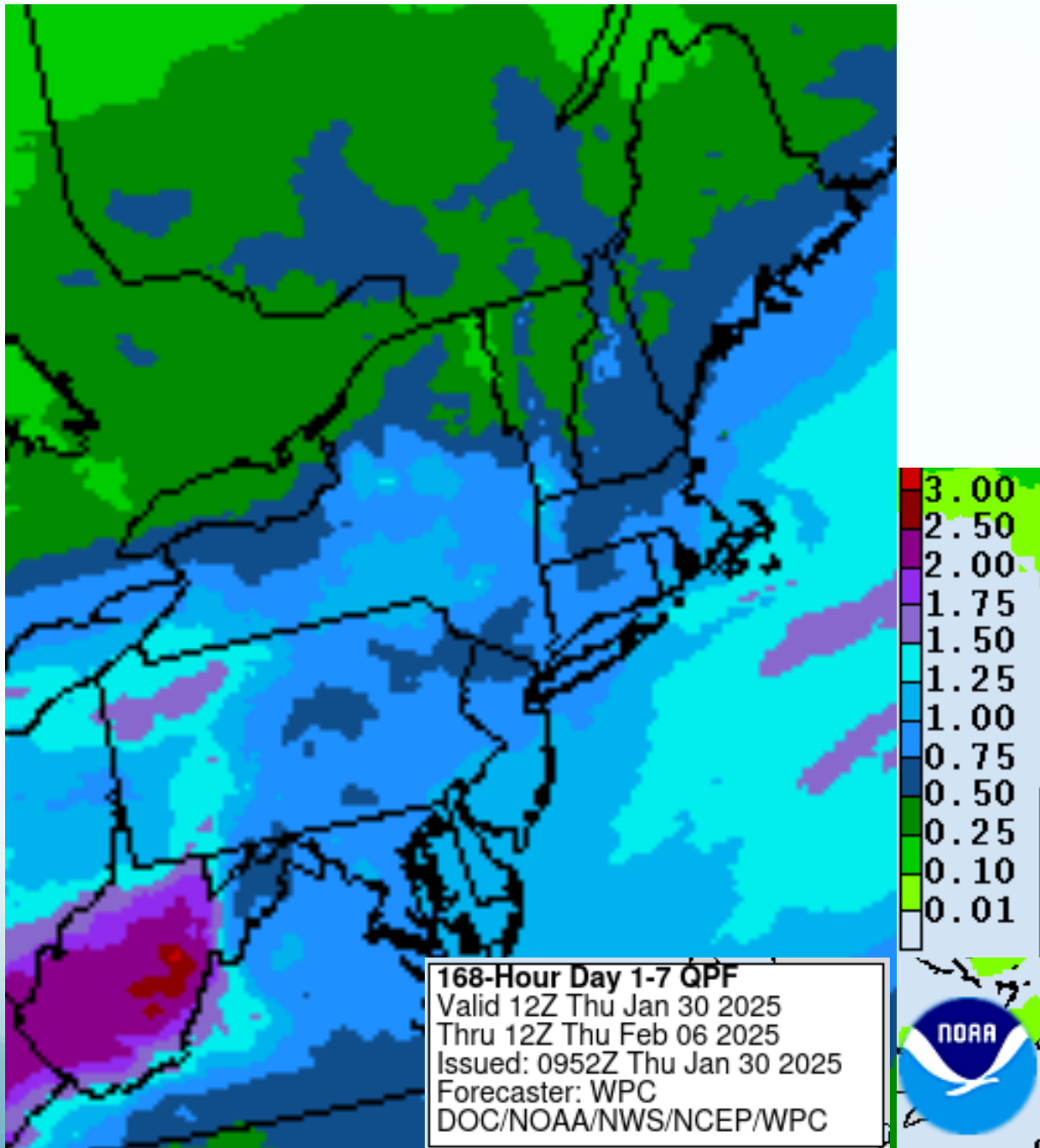
Calculated Soil Moisture Ranking Percentile
JAN 28, 2025



Courtesy of
NOAA CPC



Precipitation Forecast

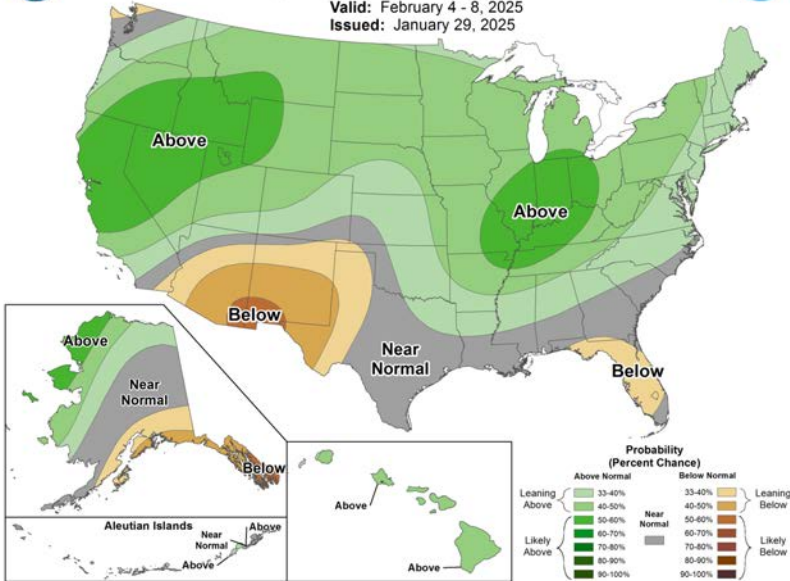


Short-term Outlooks



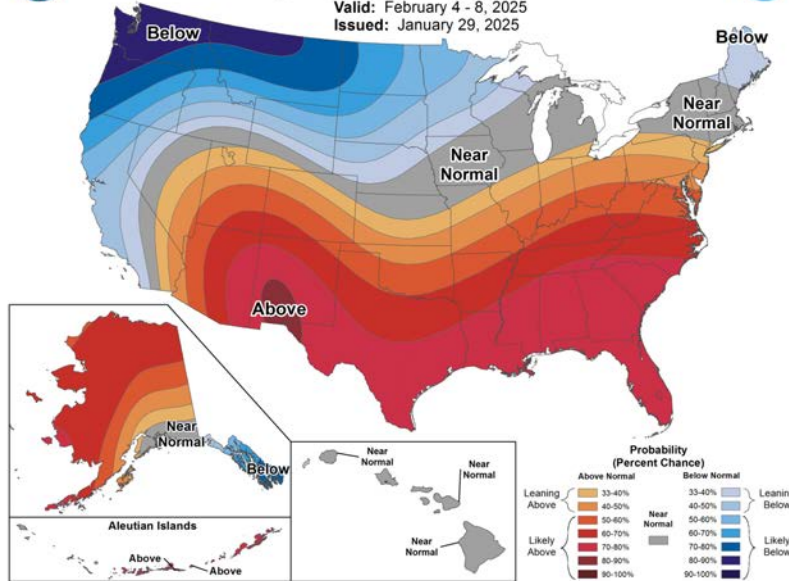
6-10 Day Precipitation Outlook

Valid: February 4 - 8, 2025
Issued: January 29, 2025



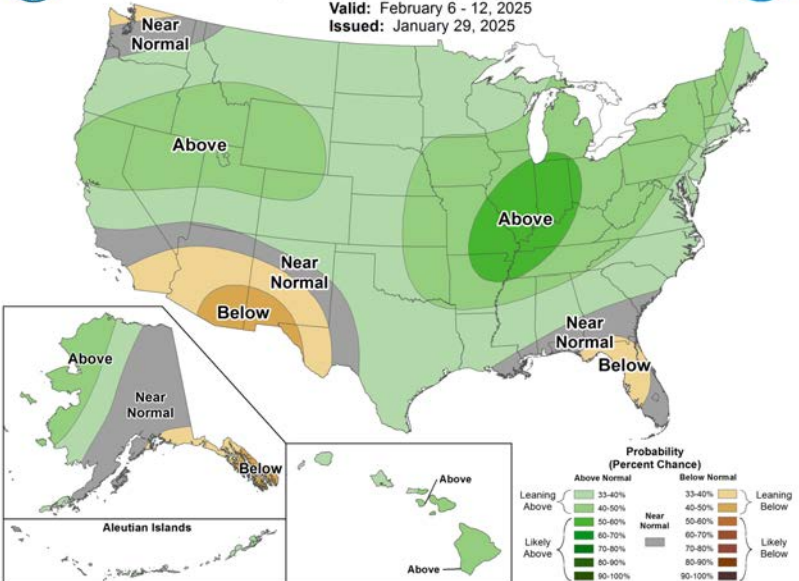
6-10 Day Temperature Outlook

Valid: February 4 - 8, 2025
Issued: January 29, 2025



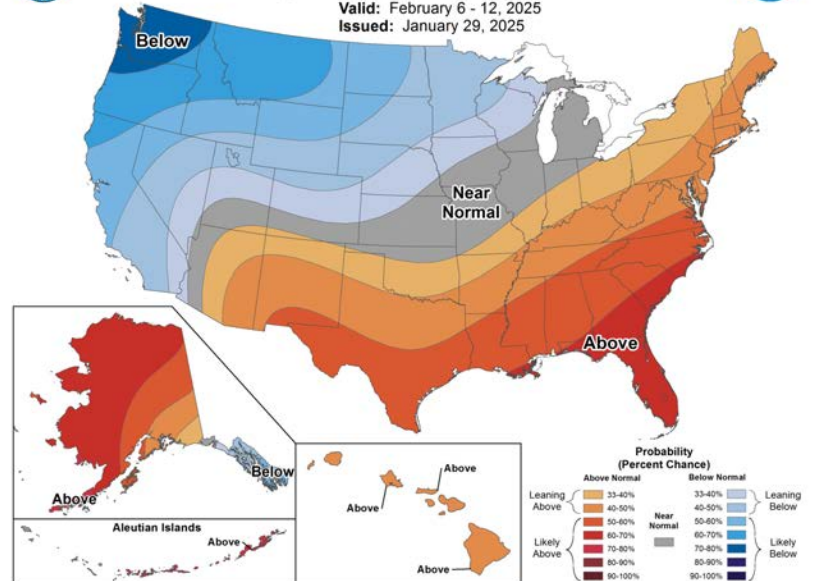
8-14 Day Precipitation Outlook

Valid: February 6 - 12, 2025
Issued: January 29, 2025

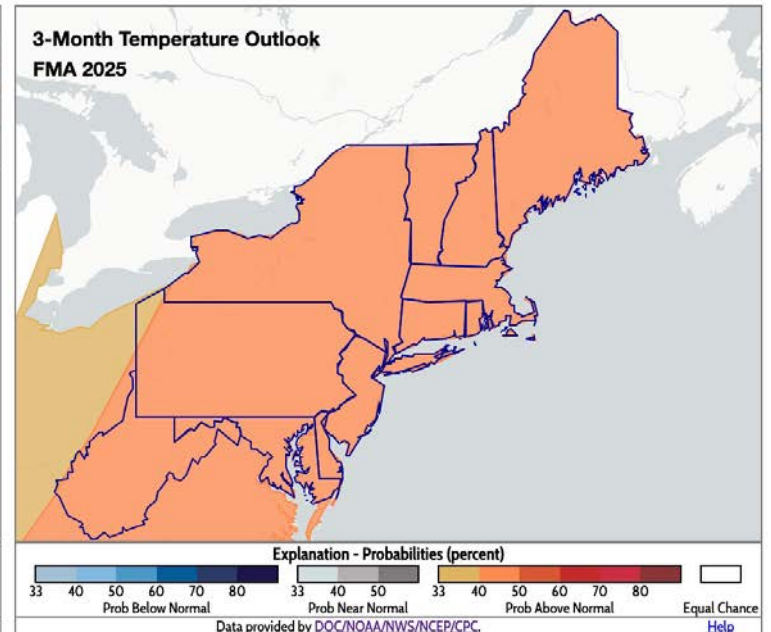
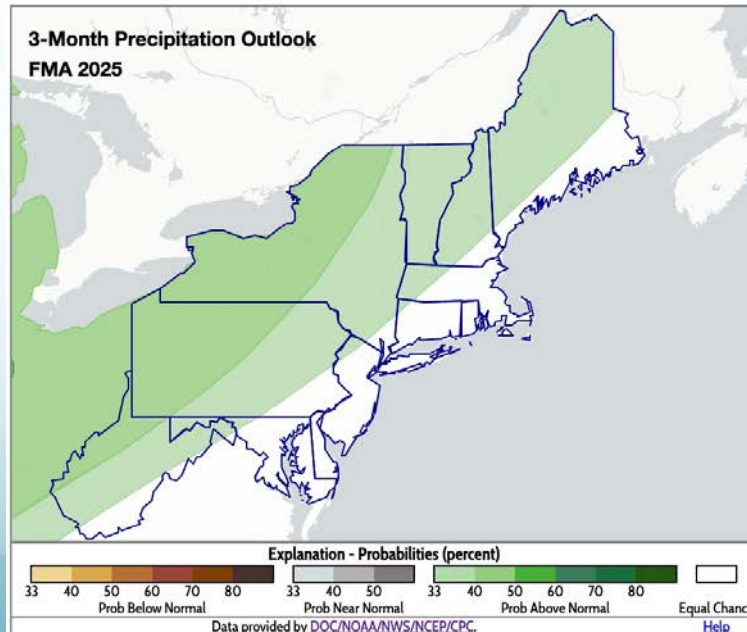
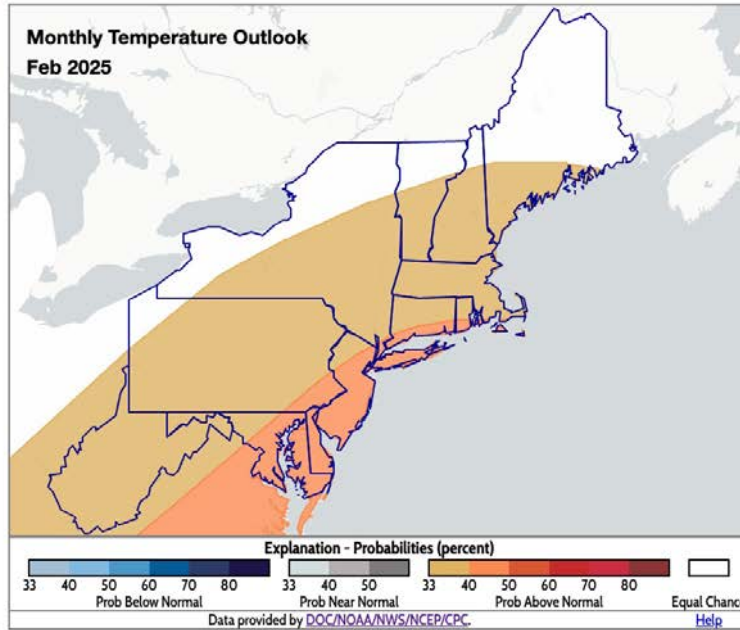
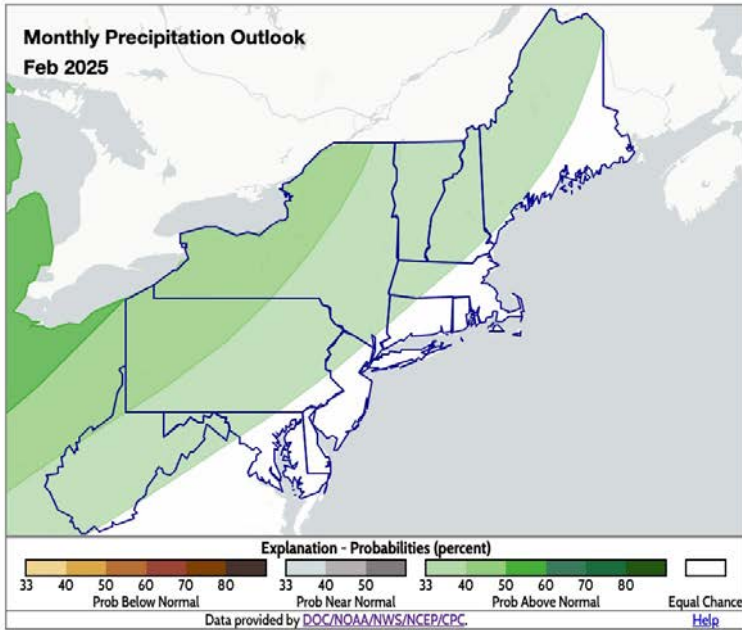


8-14 Day Temperature Outlook

Valid: February 6 - 12, 2025
Issued: January 29, 2025



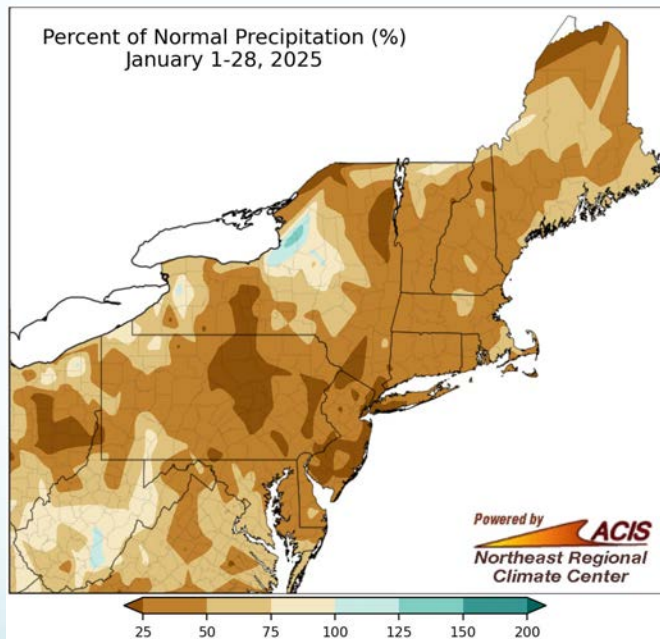
Monthly & 3-Month Outlooks



Summary

January-to-date conditions:

- Below-normal temperatures for most, except far northern areas
- Below-normal precipitation for almost the entire region
- Wide range of snowfall amounts



Drought:

- Below-normal precipitation and water resources impacts allowed drought to persist or expand in multiple areas
- Some locations still have significant deficits

Outlooks:

- Short term precip: above-normal precipitation favored for all; possible status quo or maybe even limited relief?
- Short term temps: for 6-10 day - below-normal temps for northern areas but near or above normal elsewhere; for 8-14 day – above normal for all
- Feb and Feb-Apr: above-normal precipitation for all except coastal areas and above-normal temperatures favored for most



Contact Information

- nrcc@cornell.edu

Upcoming Webinars

- Thursday, February 27 at 9:30am EST
 - NOAA's Climate Resilience Regional Challenge Grants
- Thursday, March 27 at 9:30am EDT
 - Spring Flood Outlook
- Tuesday, April 29 at 9:30am EDT
 - USGS Climate Services Program



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