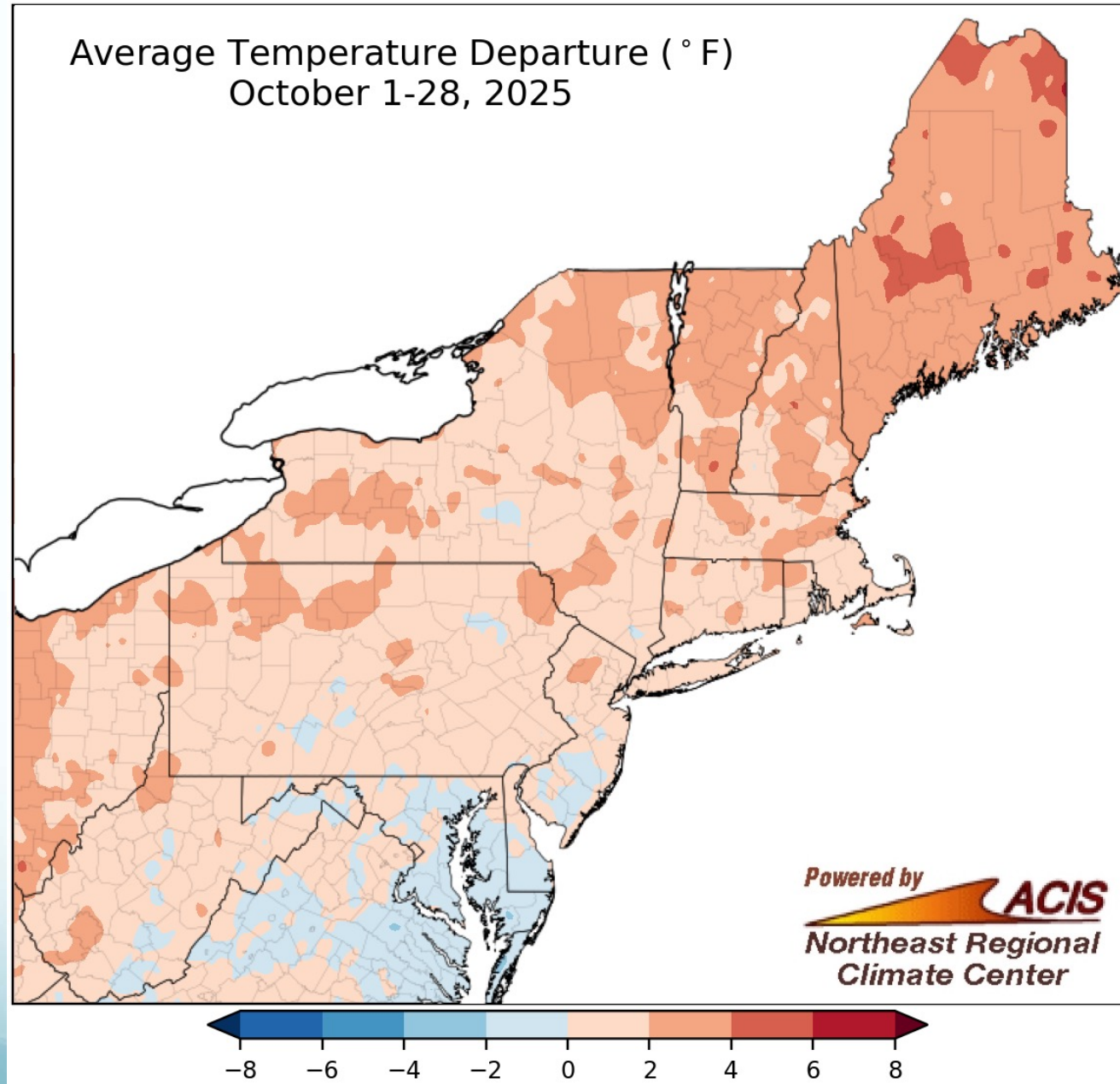


October Review & Northeast DEWS Discussion

By: Samantha Borisoff, Climatologist
Northeast Regional Climate Center



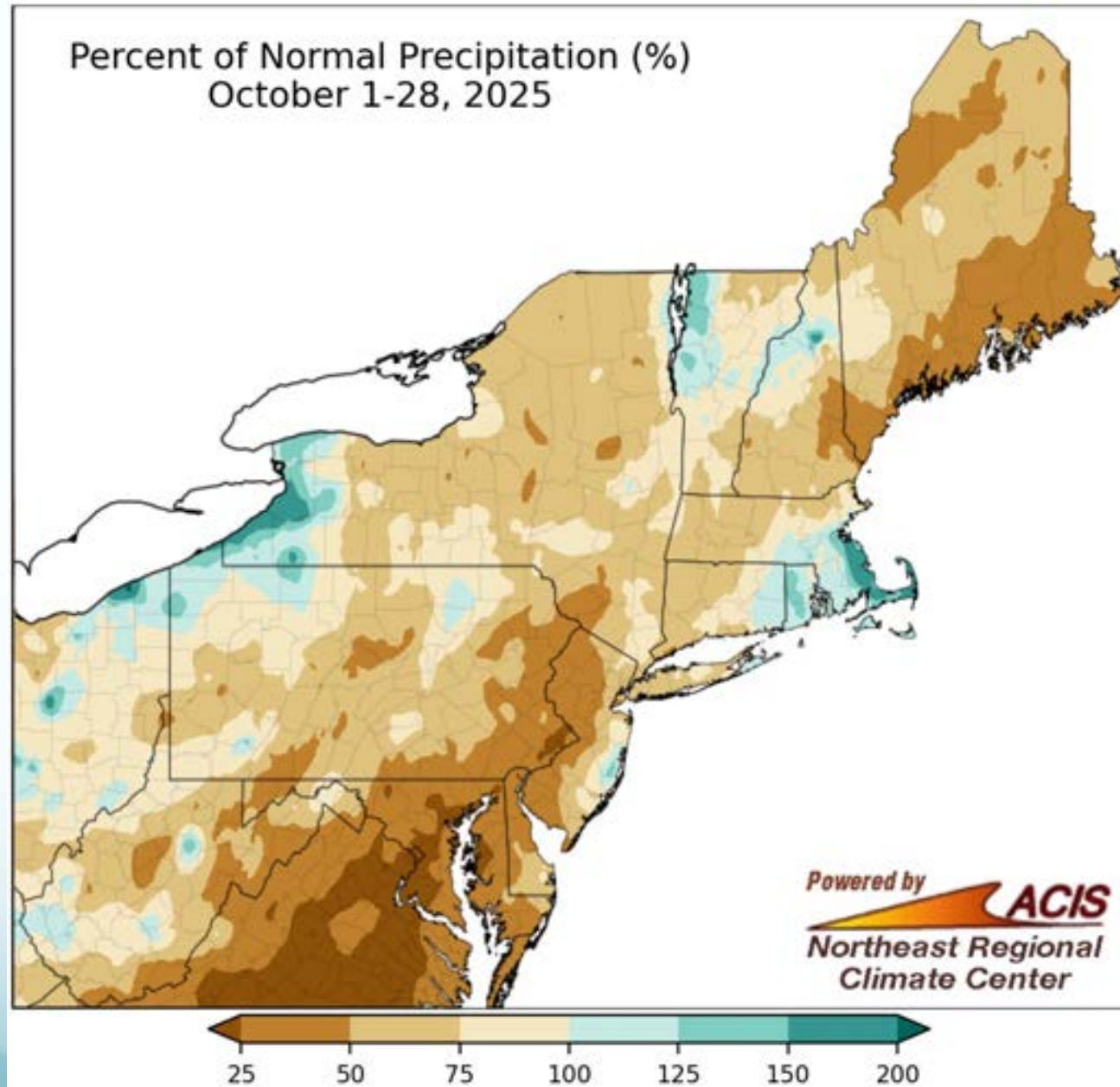
October Temperatures



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



October Precipitation



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



Drought Monitor

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

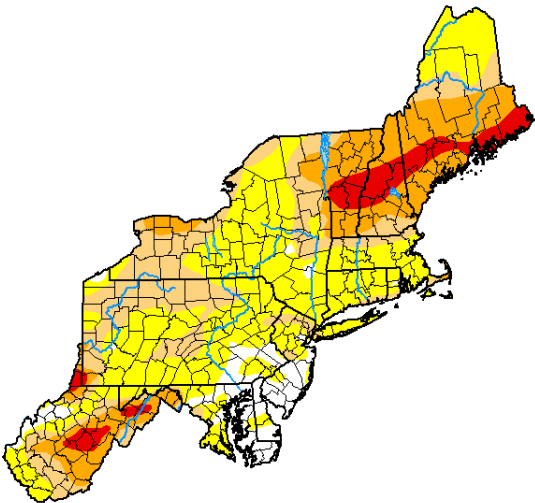


October 28, 2025
compared to
September 30, 2025

droughtmonitor.unl.edu



U.S. Drought Monitor Northeast



September 30, 2025
(Released Thursday, Oct. 2, 2025)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
Current	7.86	42.89	23.79	18.78	6.67	0.00
Last Week 09-23-2025	7.19	39.42	27.37	19.42	6.60	0.00
3 Months Ago 07-01-2025	96.04	3.16	0.79	0.00	0.00	0.00
Start of Calendar Year 01-01-2025	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 10-01-2024	45.94	34.77	9.37	4.97	4.27	0.67

Intensity:

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

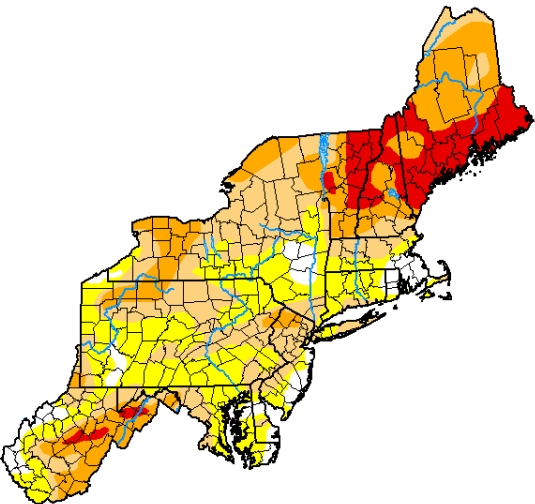
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:
Curtis Riganti
National Drought Mitigation Center



droughtmonitor.unl.edu

U.S. Drought Monitor Northeast



October 28, 2025
(Released Thursday, Oct. 30, 2025)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
Current	6.63	28.03	31.04	22.85	11.45	0.00
Last Week 10-21-2025	6.88	28.96	28.14	24.37	11.65	0.00
3 Months Ago 07-29-2025	95.73	4.07	0.20	0.00	0.00	0.00
Start of Calendar Year 01-01-2025	33.83	32.27	24.14	8.39	1.37	0.00
Start of Water Year 09-30-2025	7.86	42.89	23.79	18.78	6.67	0.00
One Year Ago 10-29-2024	21.01	40.71	23.05	10.42	4.14	0.67

Intensity:

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

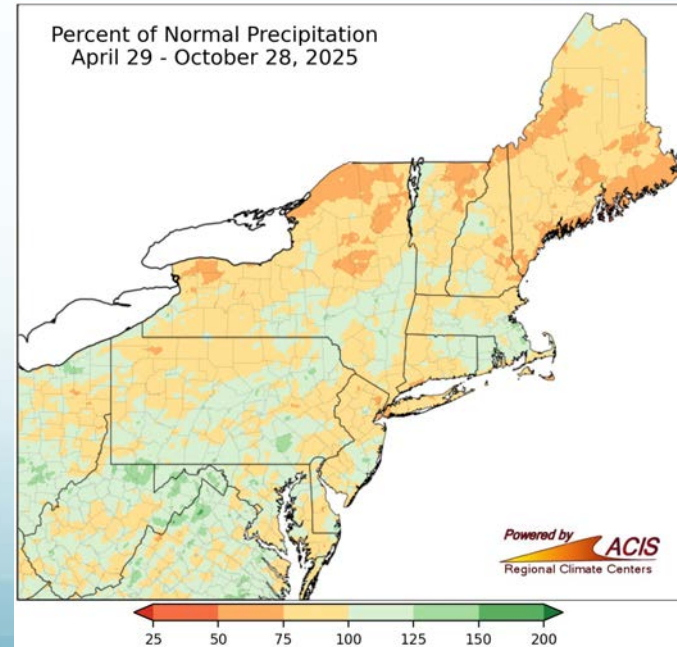
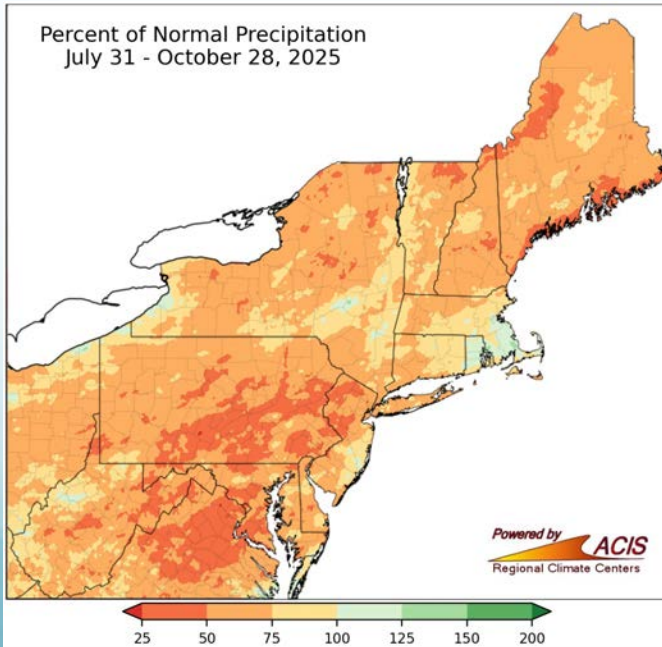
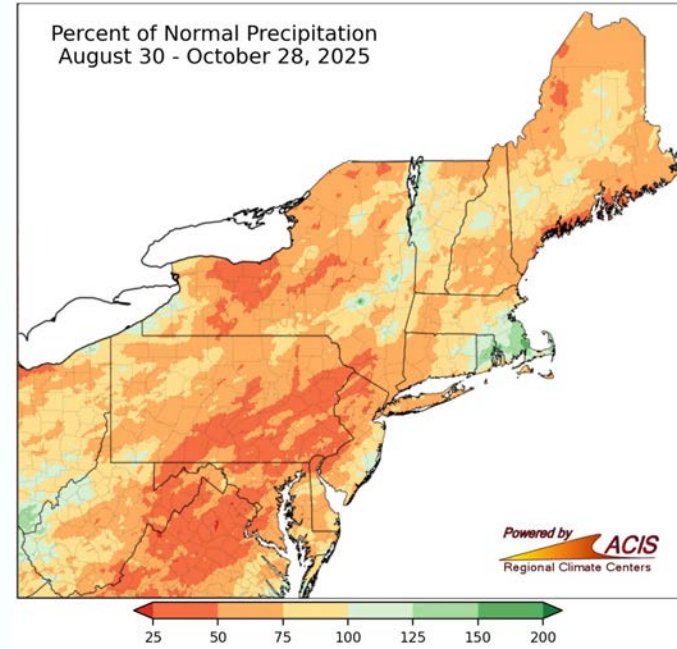
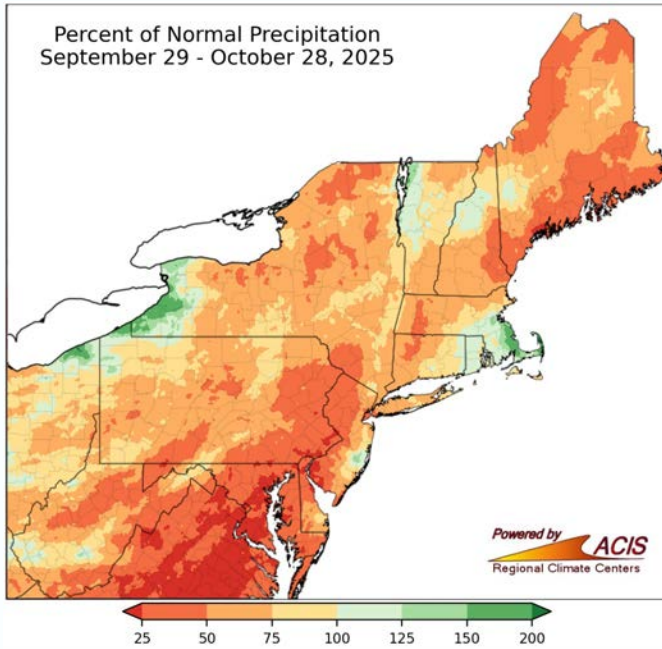
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:
Richard Tinker
CPC/NOAA/NWS/NCEP

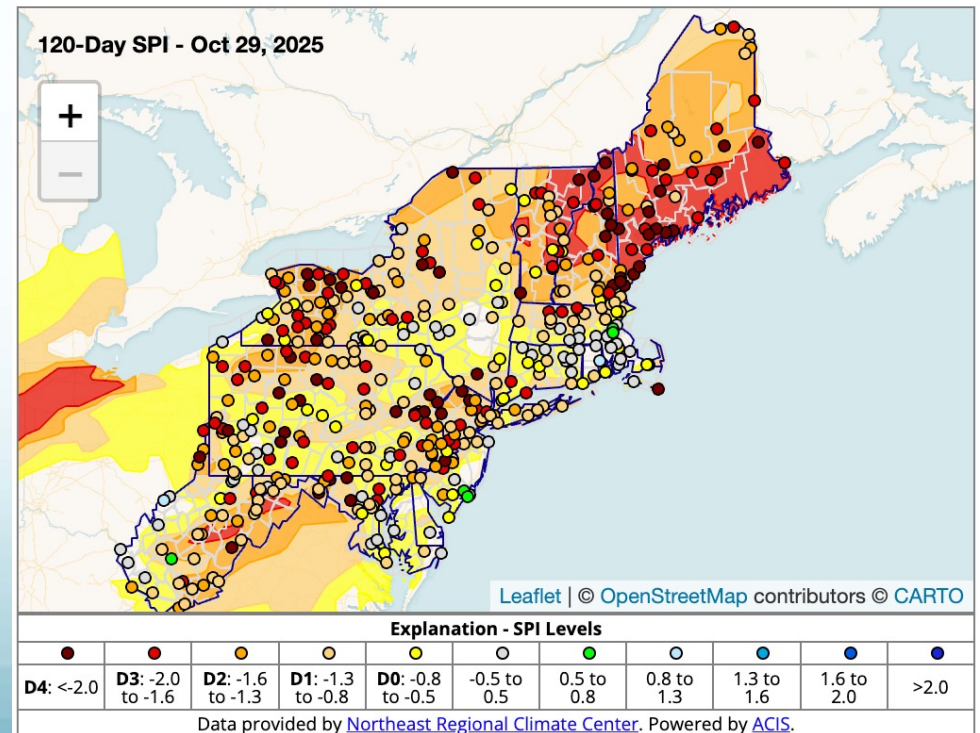
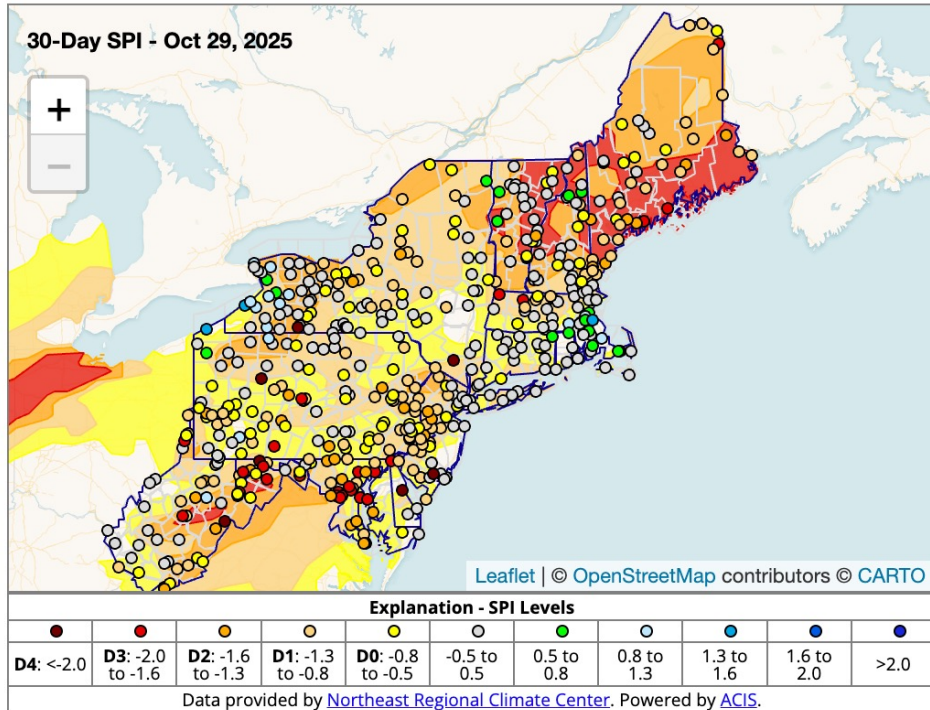


droughtmonitor.unl.edu

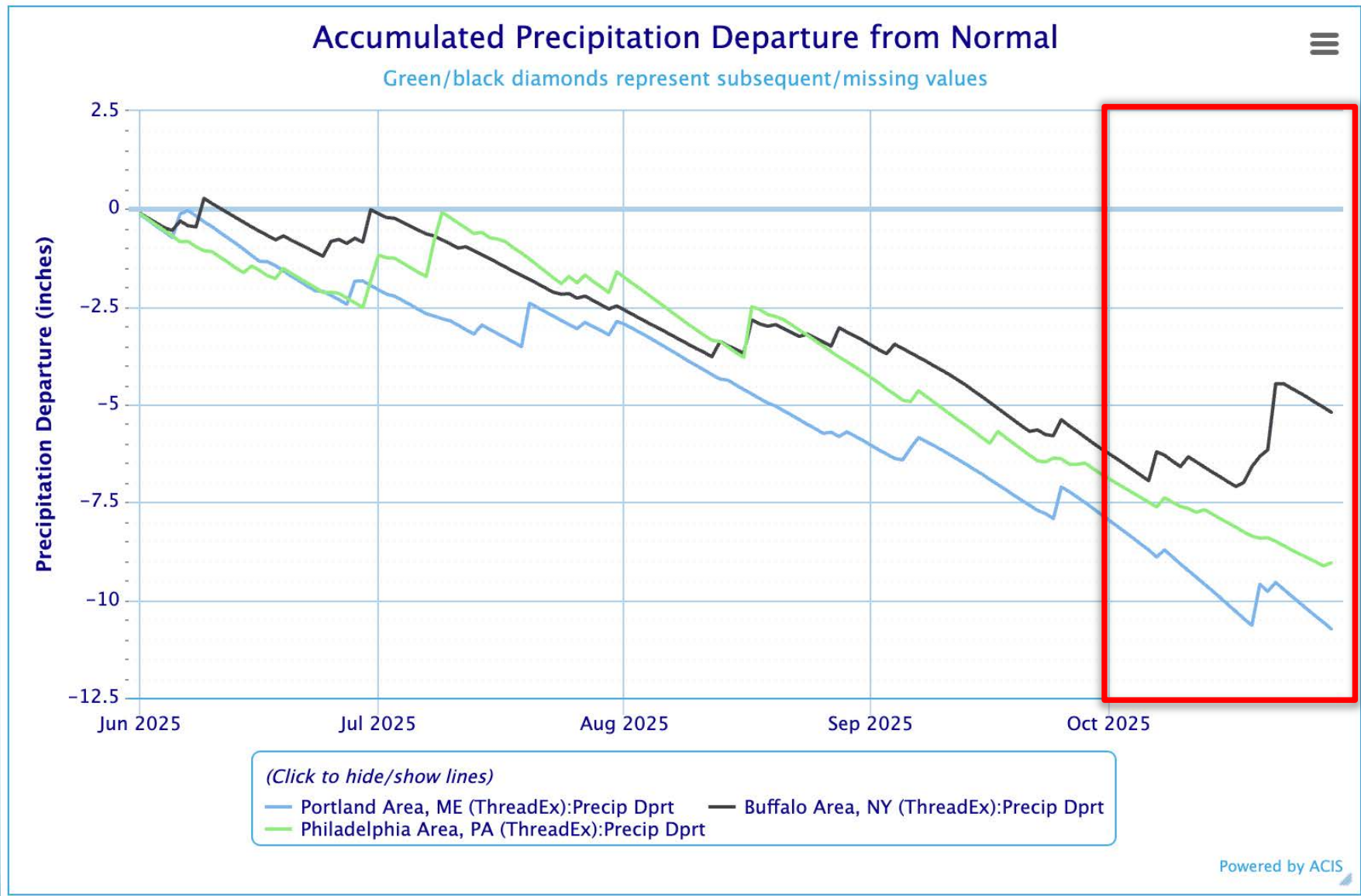
Precipitation



Standardized Precipitation Index

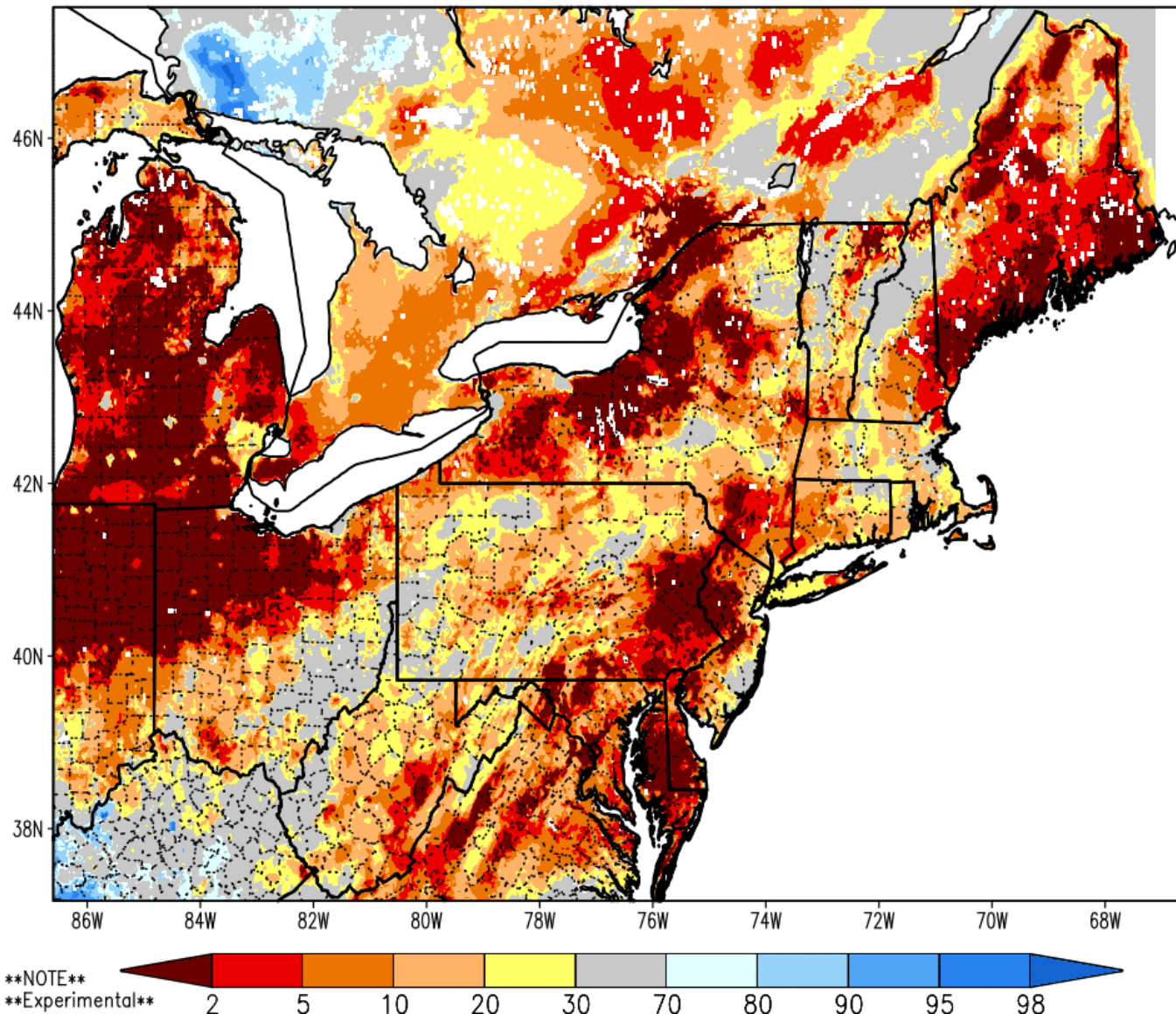


Precipitation

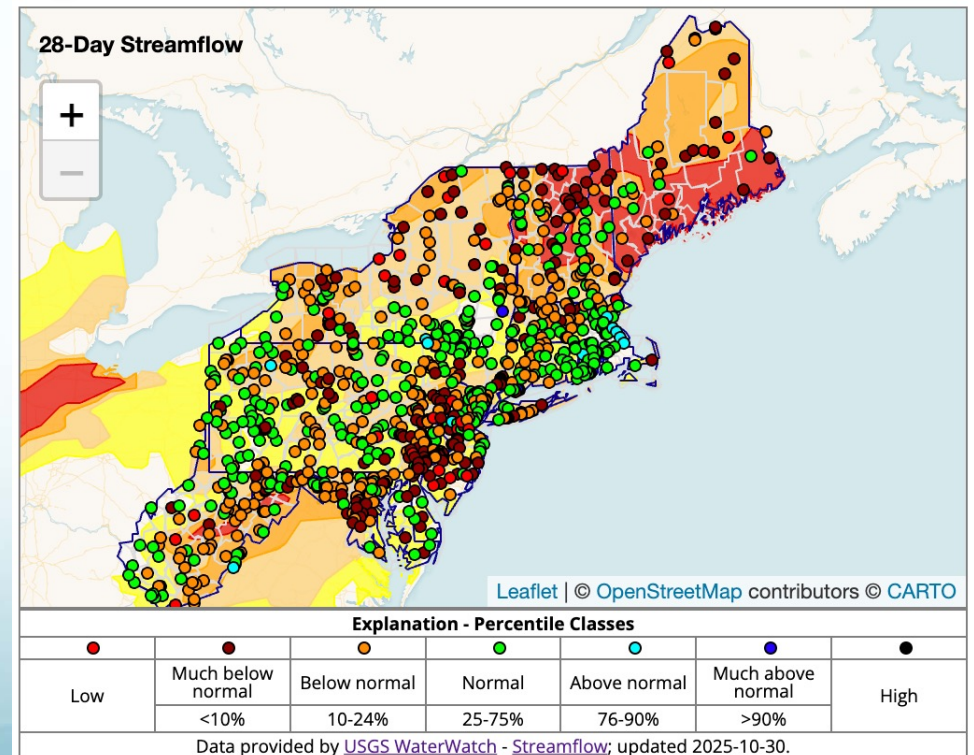
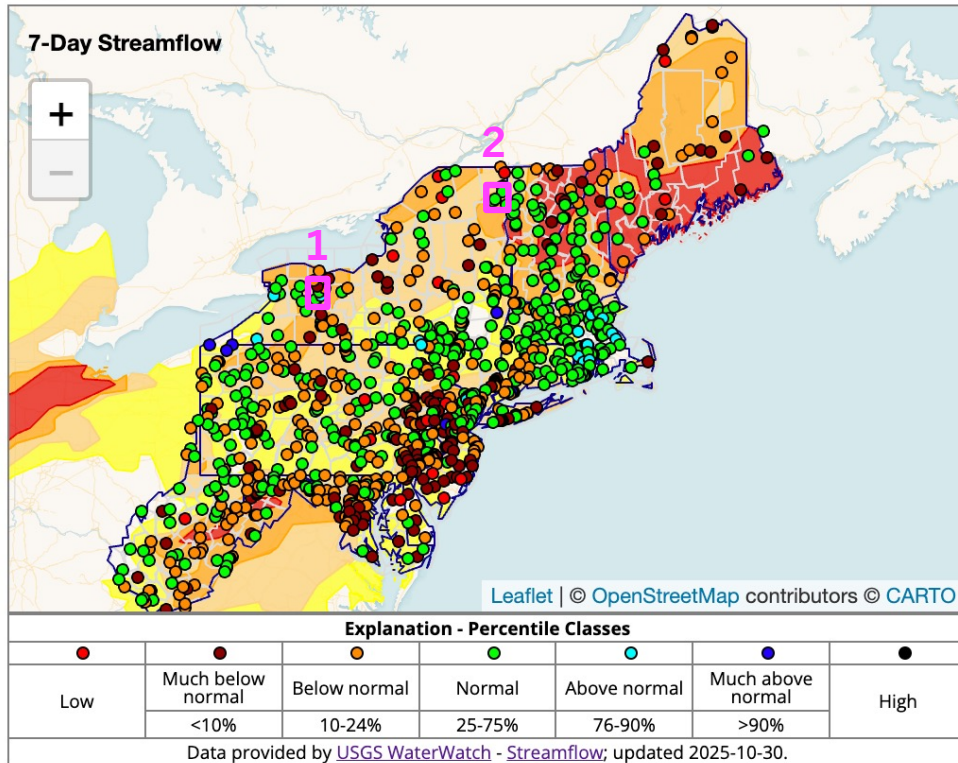


Soil Moisture

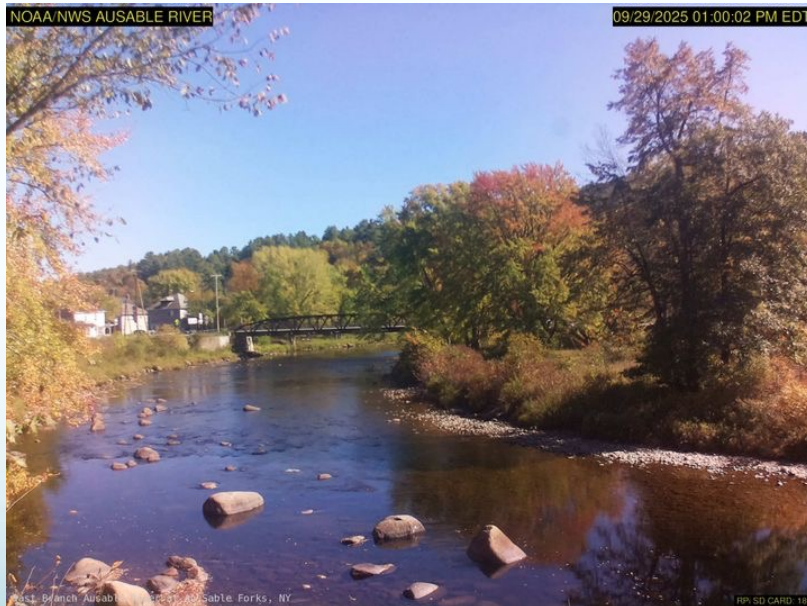
SPoRT-LIS 0–100 cm Soil Moisture percentile valid 30 Oct 2025



Streamflow



Streamflow

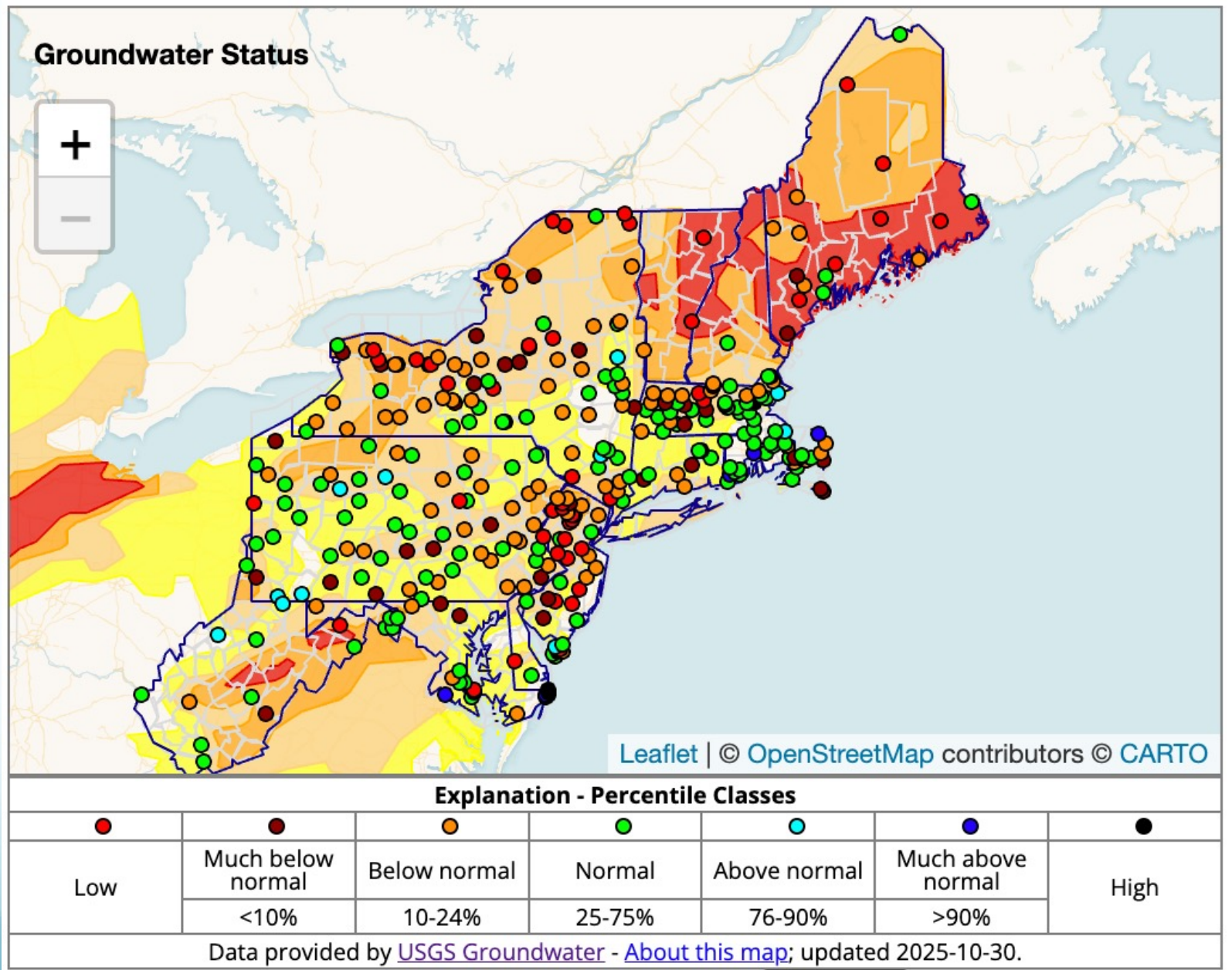


Late September

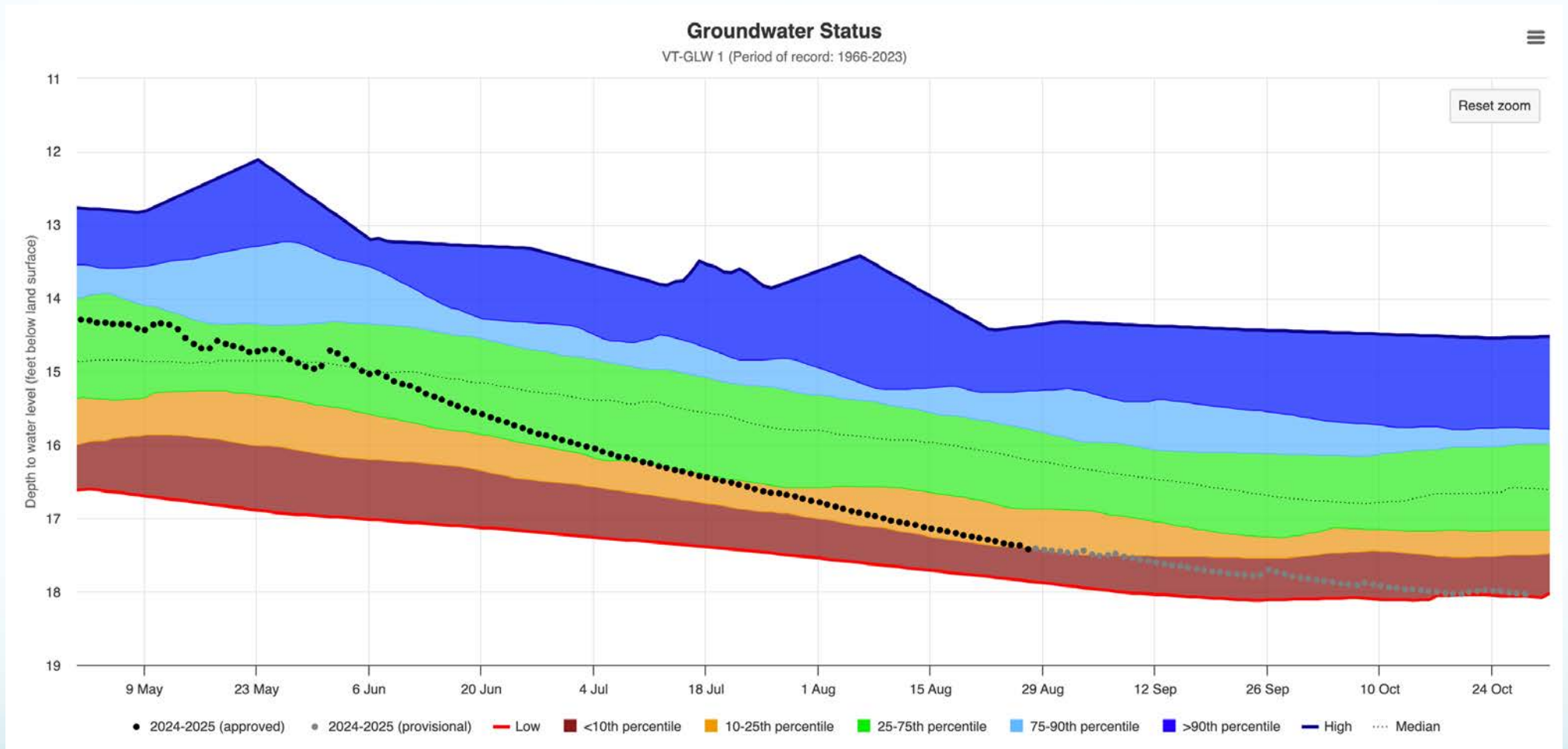
Late October



Groundwater

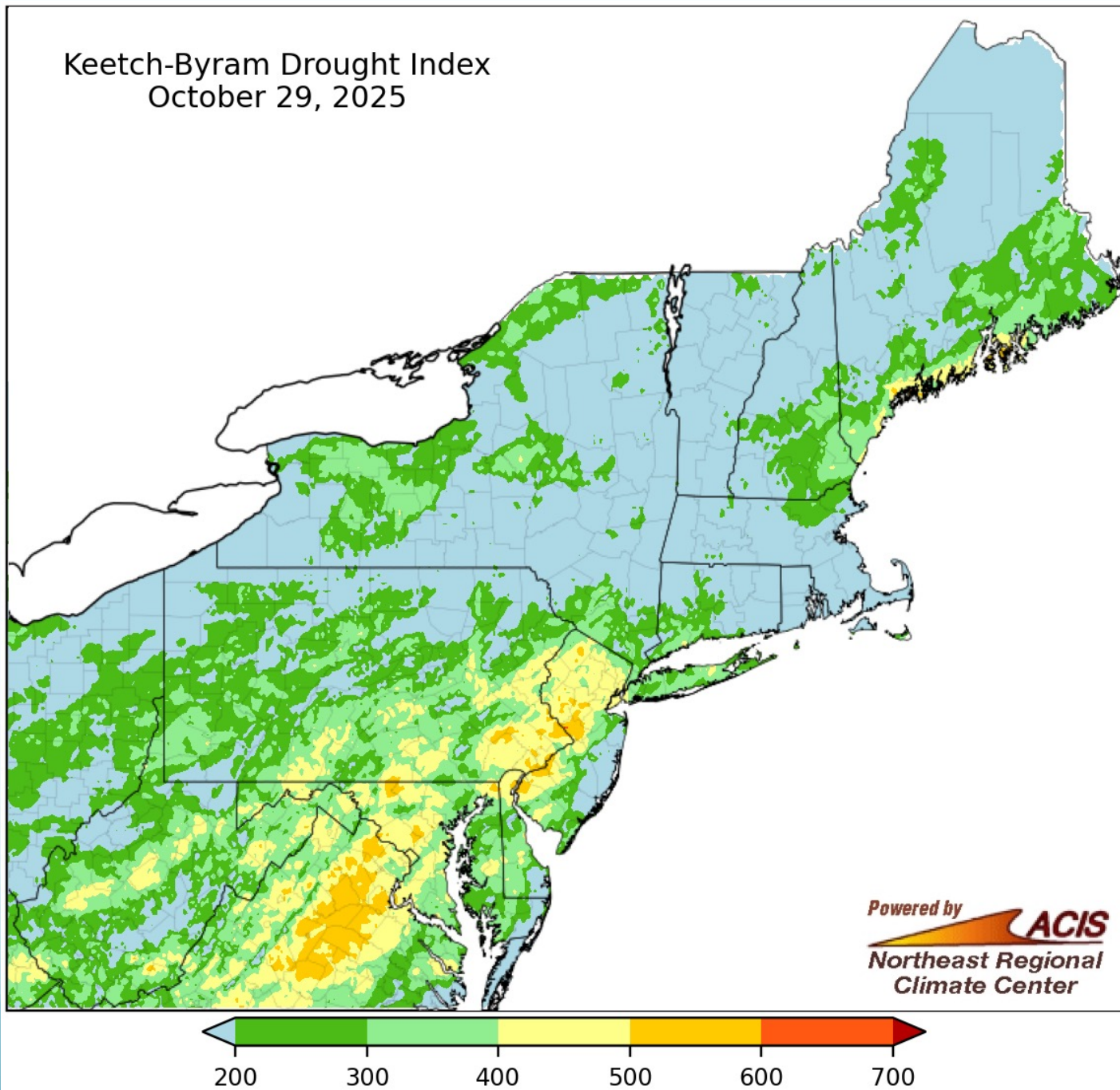


Groundwater



Wildfire Risk

Keetch-Byram Drought Index
October 29, 2025



Drought Impacts

Low ponds in southeastern West Virginia (left) and northern New York (below).



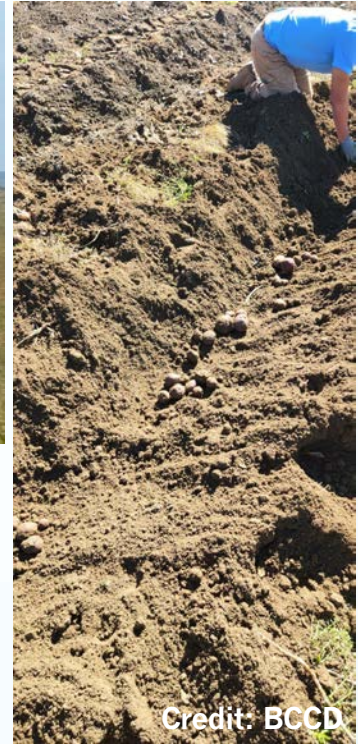
Credit: Eroche



Credit: Nicole Caldwell



Credit: Sarver Farms



Credit: BCCD



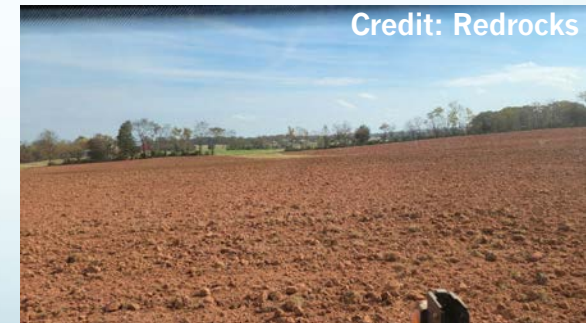
Credit: Bratt Ski Hill

Low water levels at a southeastern Vermont snowmaking reservoir (above) and a mostly dry creek in eastern West Virginia (right).



Credit: CDF

Little pasture regrowth in southeastern West Virginia (above). Reduced root crop yields in southwestern Vermont (right). Dry soils in western Maryland (below).

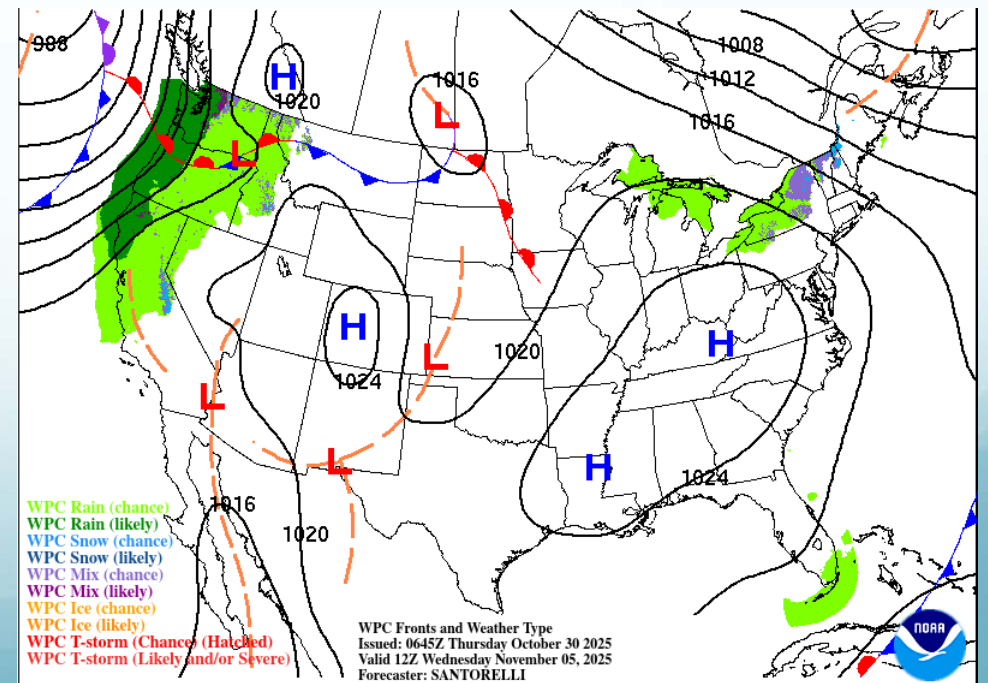
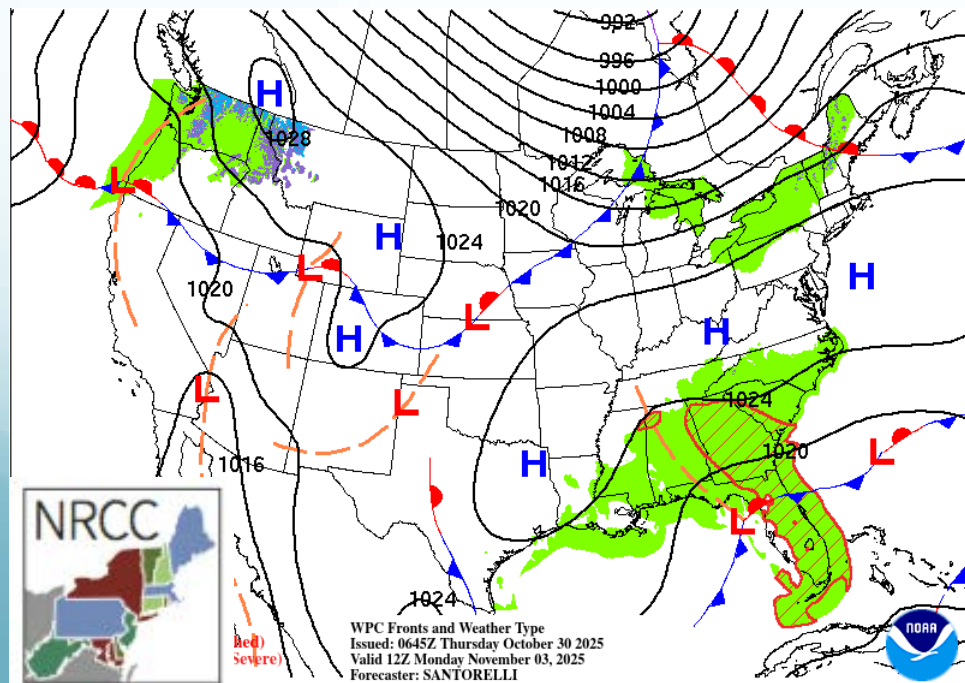
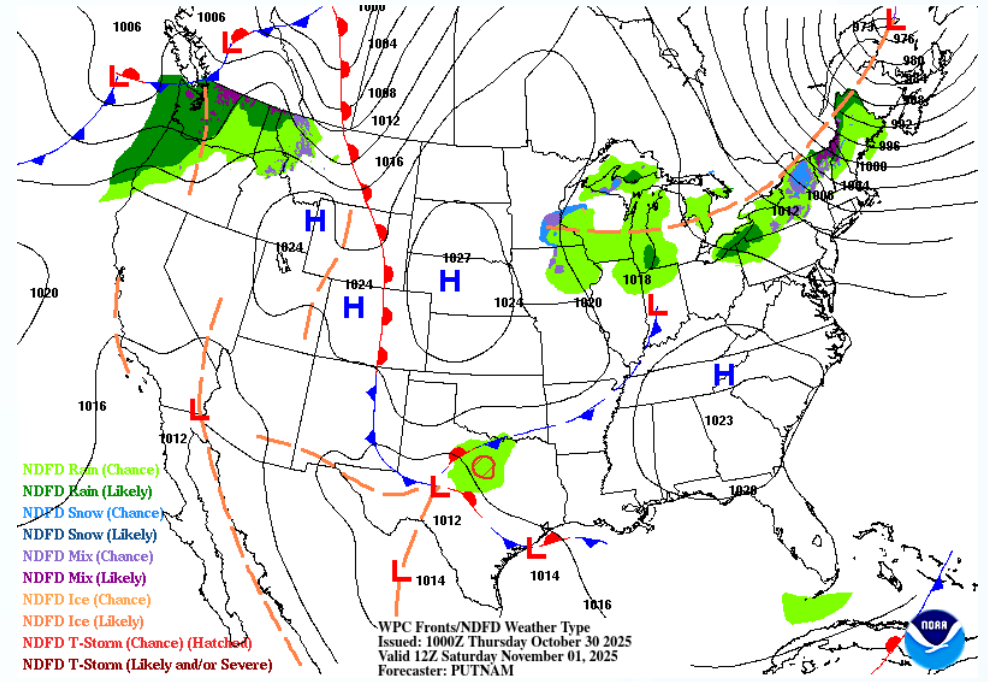
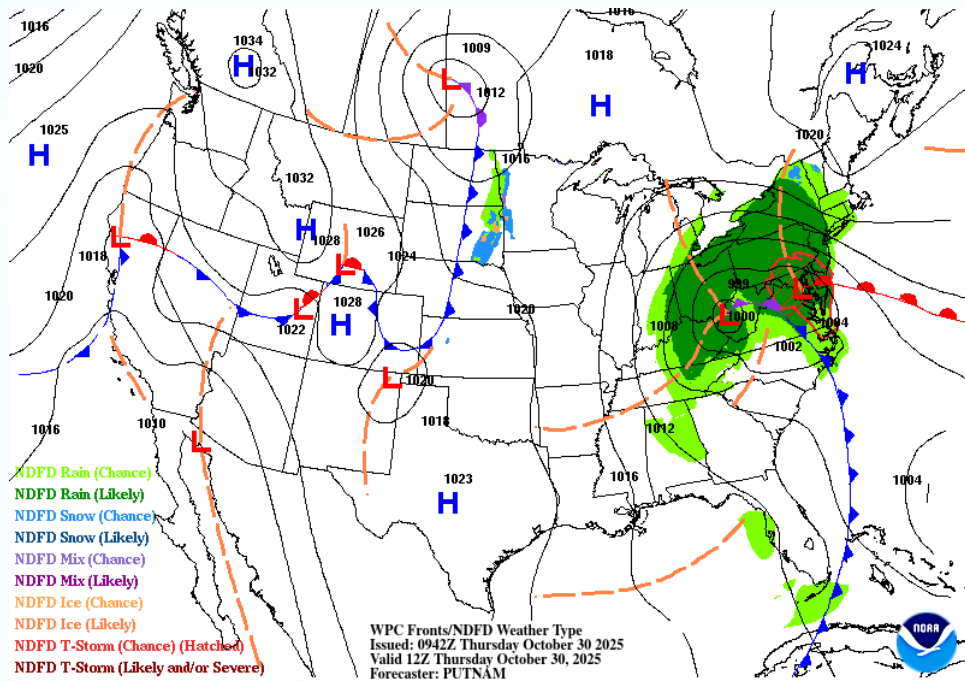


Credit: Redrocks

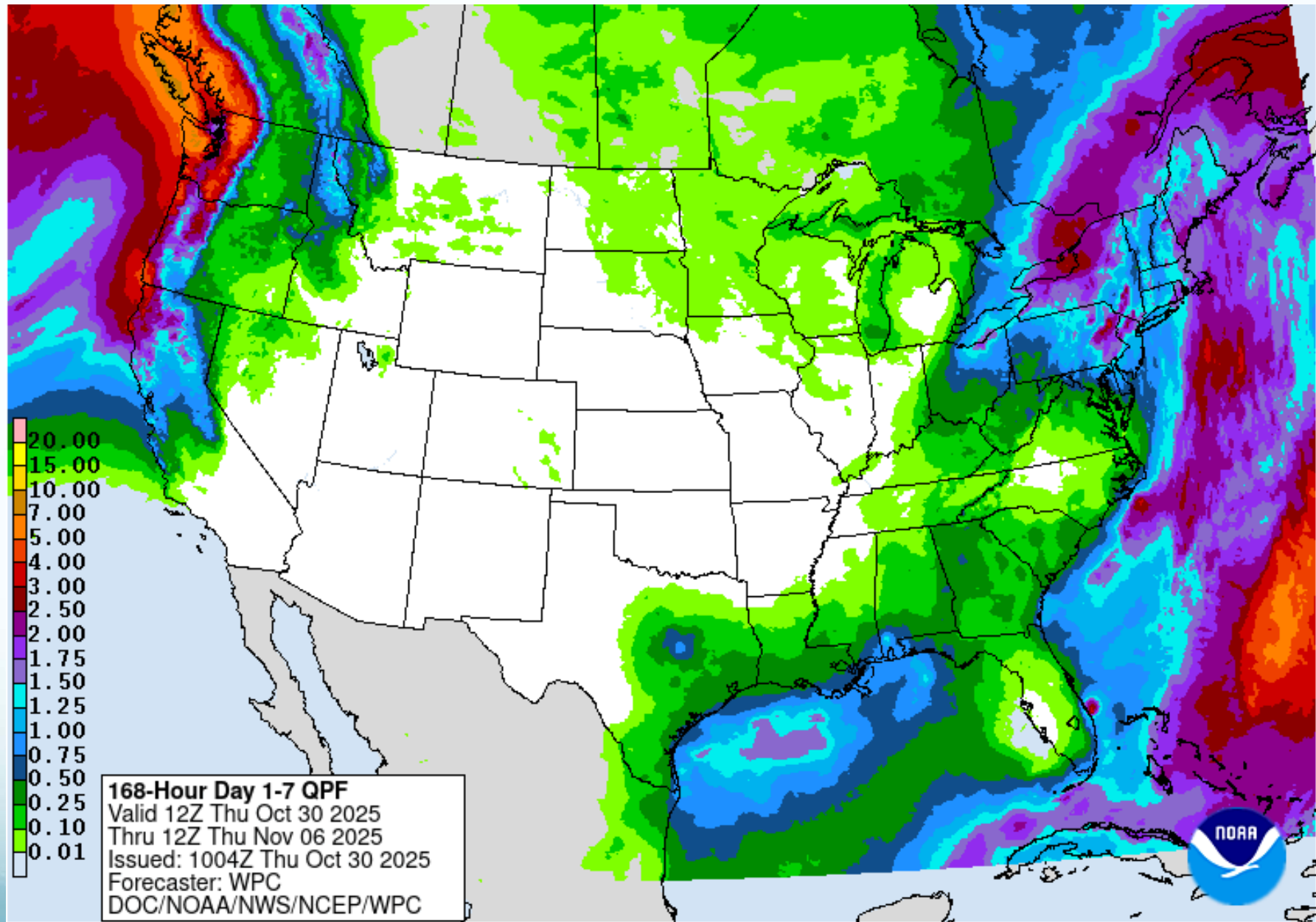
CMOR -

<https://droughtimpacts.unl.edu/Tools/ConditionMonitoringObservations.aspx>

Forecast Maps

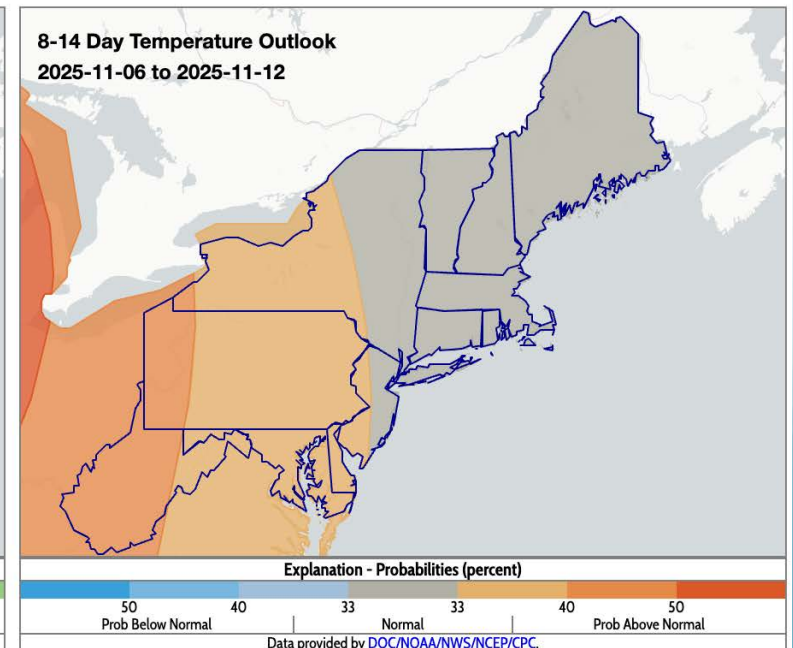
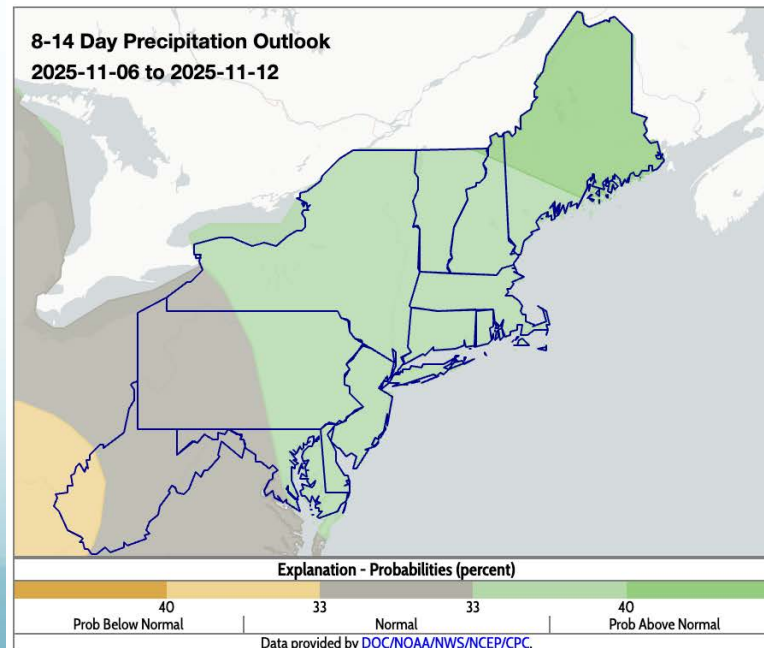
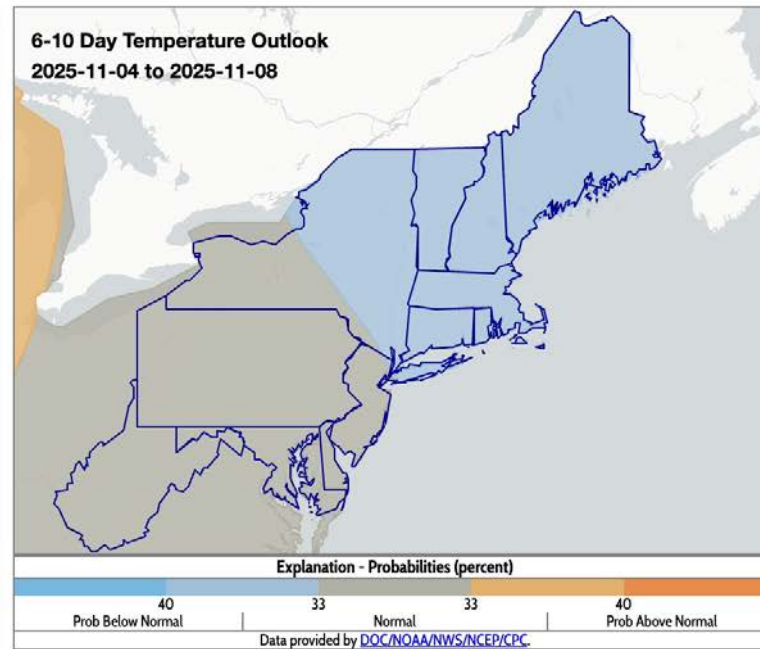
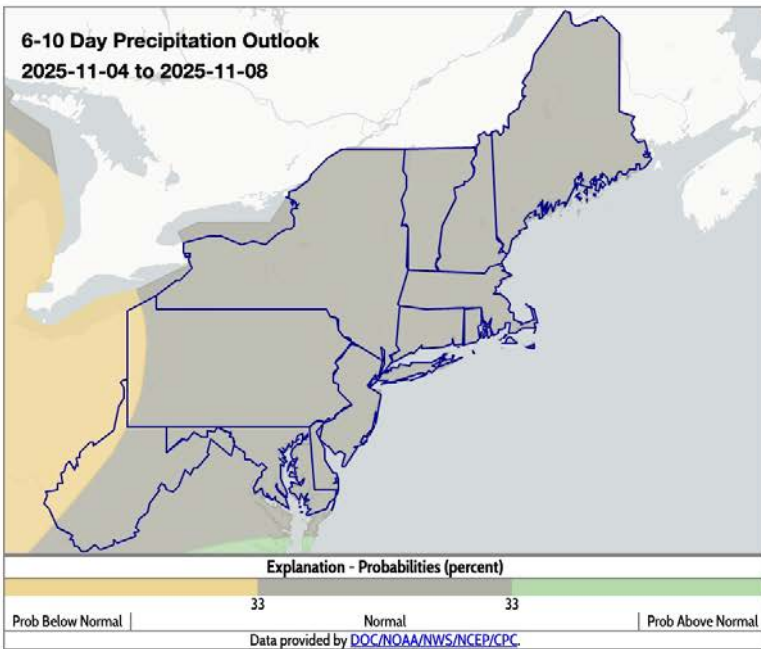


Precipitation Forecast

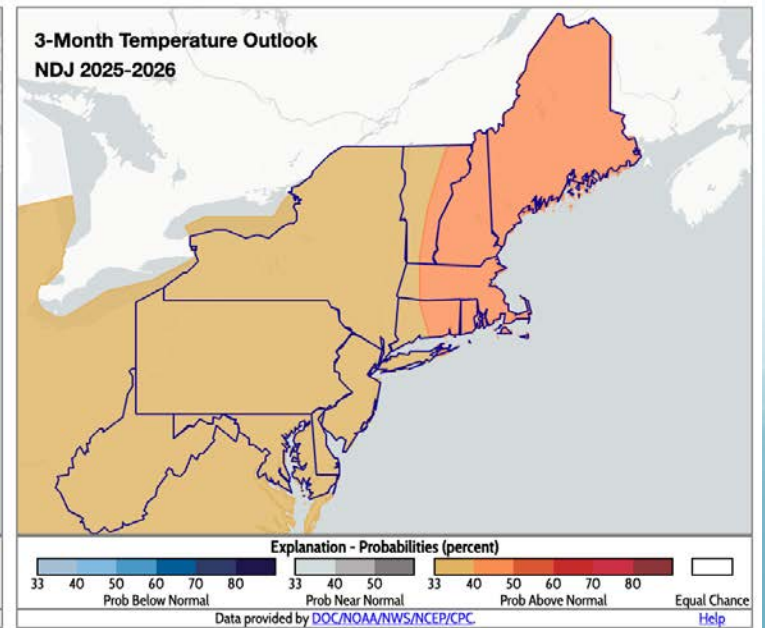
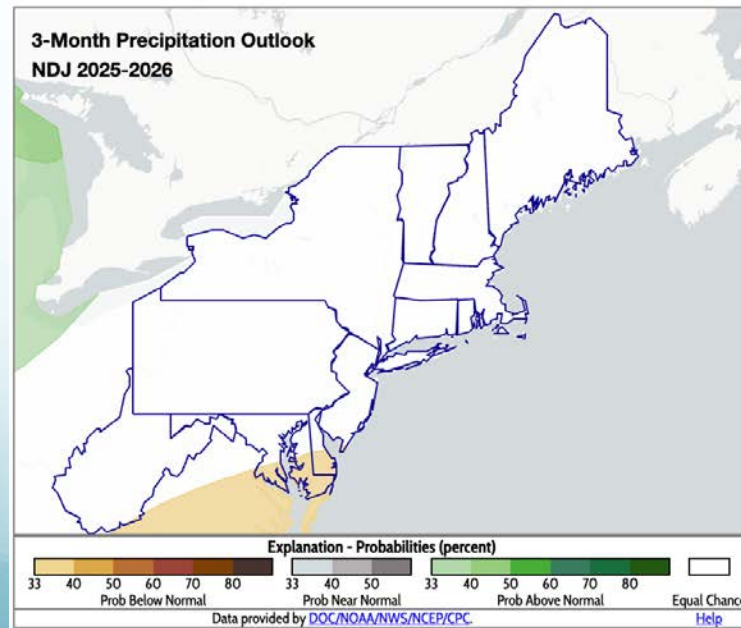
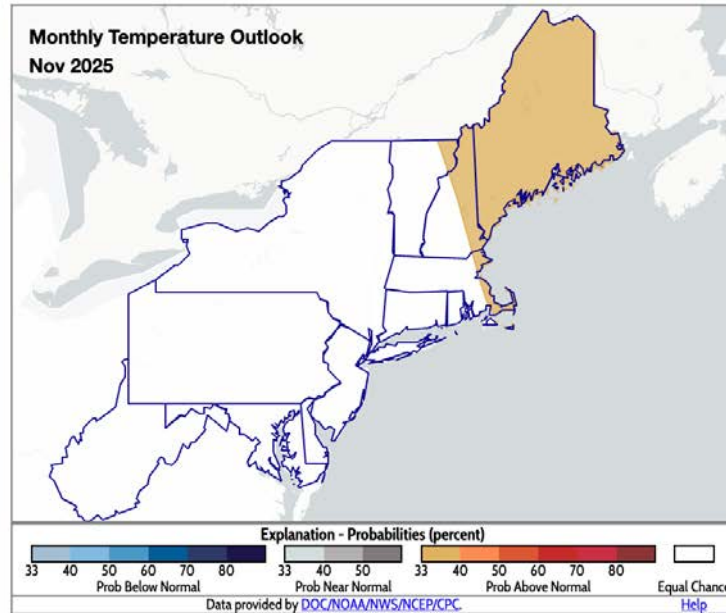
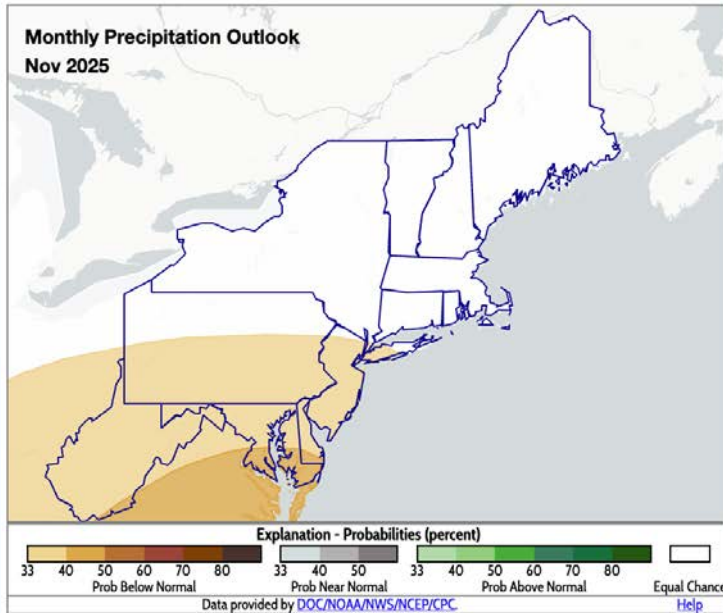


“Normal” precipitation for this period is about 0.60” to 1.00”

Short-term Outlooks



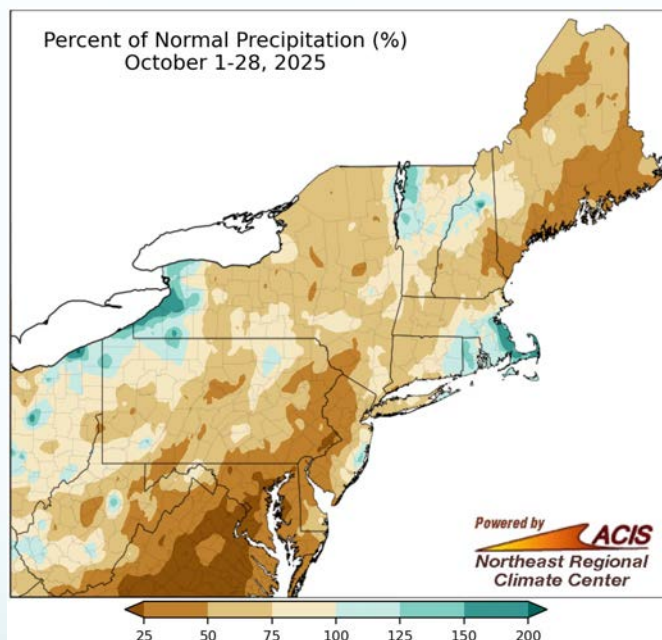
Monthly & 3-Month Outlooks



Summary

October-to-date conditions:

- Warmer-than-normal temperatures for most of the region
- Drier-than-normal weather for many areas



Drought:

- Drought/abnormal dryness spread in several areas, with impacts to water resources continuing
- However, drought/dryness eased in spots that saw notable rainfall and/or improving impacts

Outlooks:

- Short term - Generally, near- or above-normal precipitation; below- or near-normal temperatures for 6-10 day period but near- or above-normal for 8-14 day – possibly some improvement in spots
- November: drier conditions expected for southern areas; above-normal temperatures favored for parts of New England
- November-January: few southern areas could be drier; warmer than normal for all



Contact Information

- nrcc@cornell.edu

Upcoming Webinars

- Thursday, November 20 at 9:30am EST
 - ENSO & Winter Outlooks
- Thursday, December 18 at 9:30am EST
 - TBD
- Thursday, January 29 at 9:30am EST
 - TBD



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