



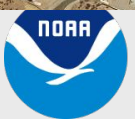
Drought Information Statement for Northern and Eastern Maine

Valid August 21, 2025

Issued By: WFO Caribou, ME

- This product will be updated August 28, 2025 or sooner, if drought conditions change significantly.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/car/DroughtInformationStatement> for previous statements.
- Please visit <https://www.drought.gov/drought-status-updates/car> for regional drought status updates.

- Flash Drought Worsens to Severe Downeast
- Moderate Drought Expands in the Bangor Region, Interior Downeast & Portions of the Central Highlands





U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for Maine

August 21, 2025

4:09 PM EDT

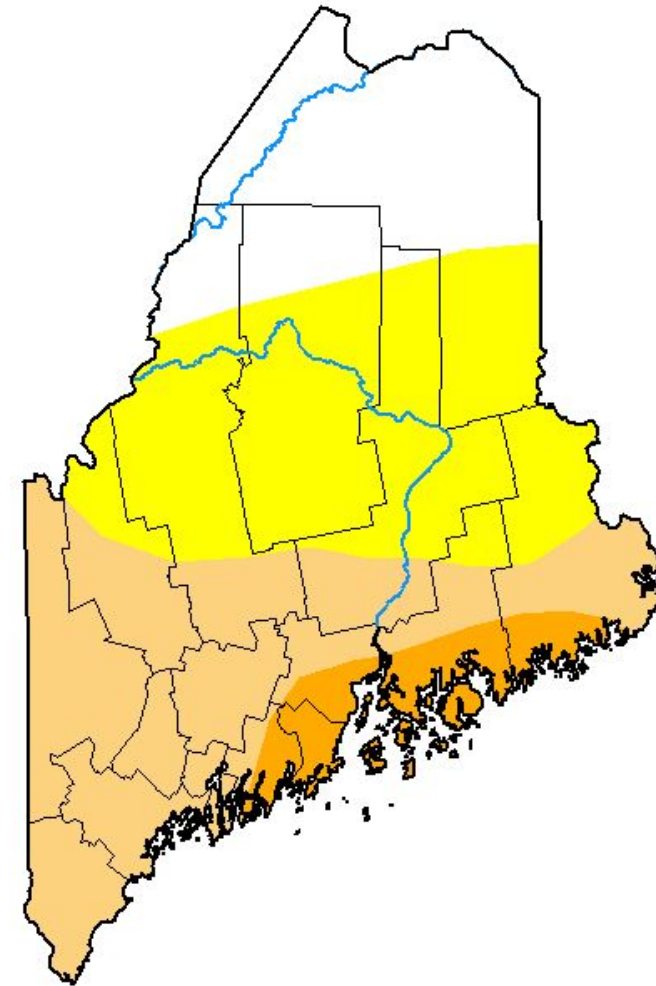
- **Drought Intensity and Extent:**

- **D2 (Severe Drought):** Coastal Hancock & Washington counties.
- **D1 (Moderate Drought):** Interior Hancock, Interior Washington, Southern & South-Central Penobscot, Extreme Southern Piscataquis counties.
- **D0: (Abnormally Dry):** Portions of Northern Somerset, Central & Northern Penobscot, far Northern Washington and Southern Aroostook County.

Percentage of Maine in Drought

- **D0: (Abnormally Dry):** 36.8%
- **D1 (Moderate Drought):** 34.1%
- **D2 (Severe Drought):** 7.1%

U.S. Drought Monitor Maine

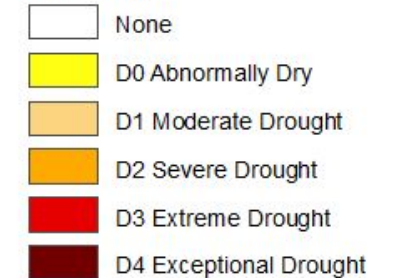


August 19, 2025

(Released Thursday, Aug. 21, 2025)

Valid 8 a.m. EDT

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:

Lindsay Johnson
National Drought Mitigation Center



droughtmonitor.unl.edu



National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

**National Weather Service
Caribou, ME**



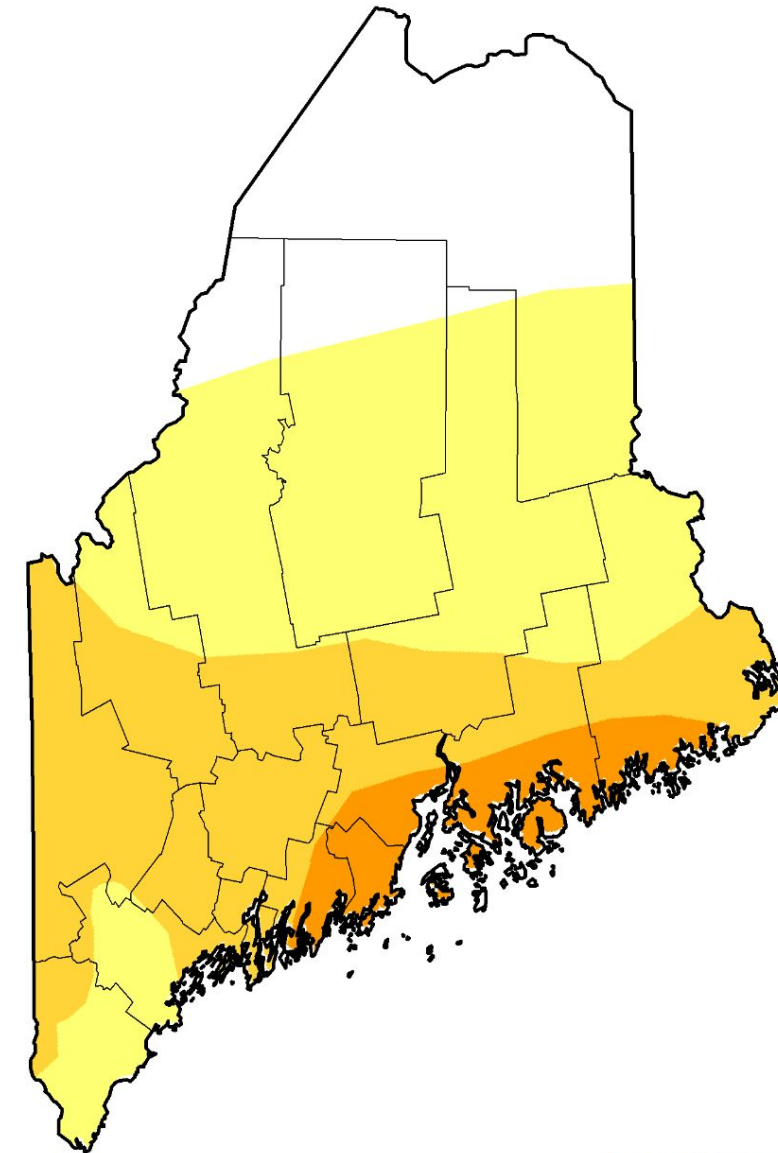
Recent Change in Drought Intensity

August 21, 2025
4:09 PM EDT

Link to the latest [4-week change map](#) for Northeast U.S.

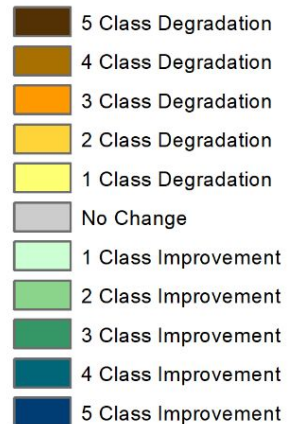
- Four week drought monitor class change:
 - **Flash Drought Worsened:** in Downeast Maine, Bangor region into portions of the Central Highlands.
 - **No Change:** Moosehead Region to Southern Aroostook and points northward.

U.S. Drought Monitor Class Change - Maine
4 Week



August 19, 2025
compared to
July 22, 2025

droughtmonitor.unl.edu



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National Weather Service
Caribou, ME



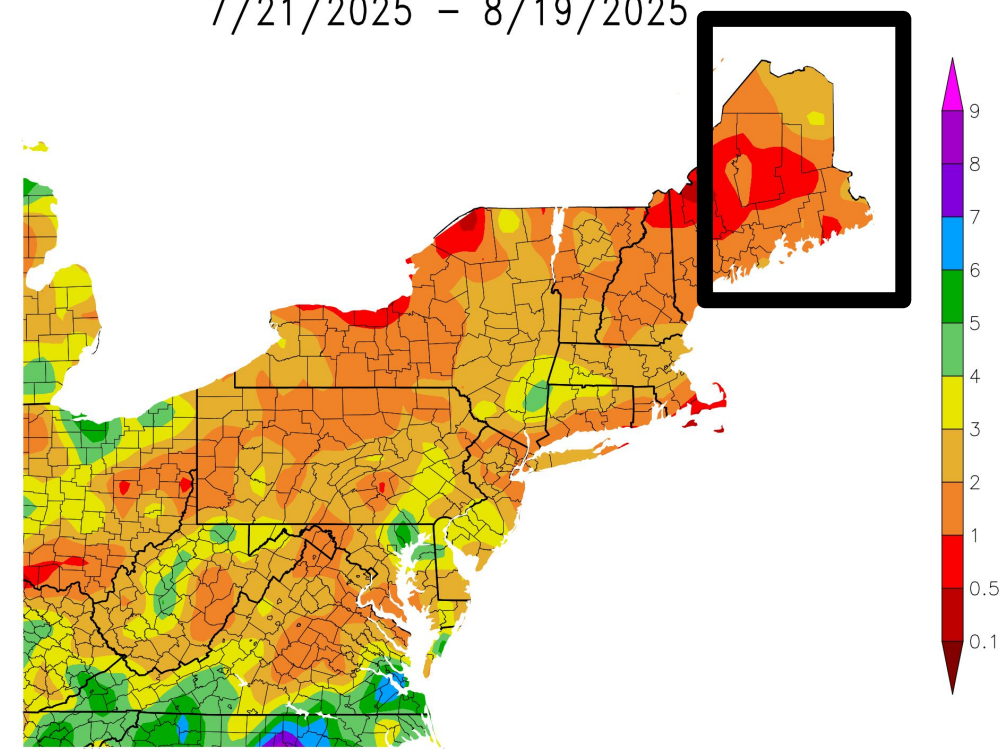
Precipitation

August 21, 2025
4:09 PM EDT

Link to [Northeast Regional Climate Center](#)

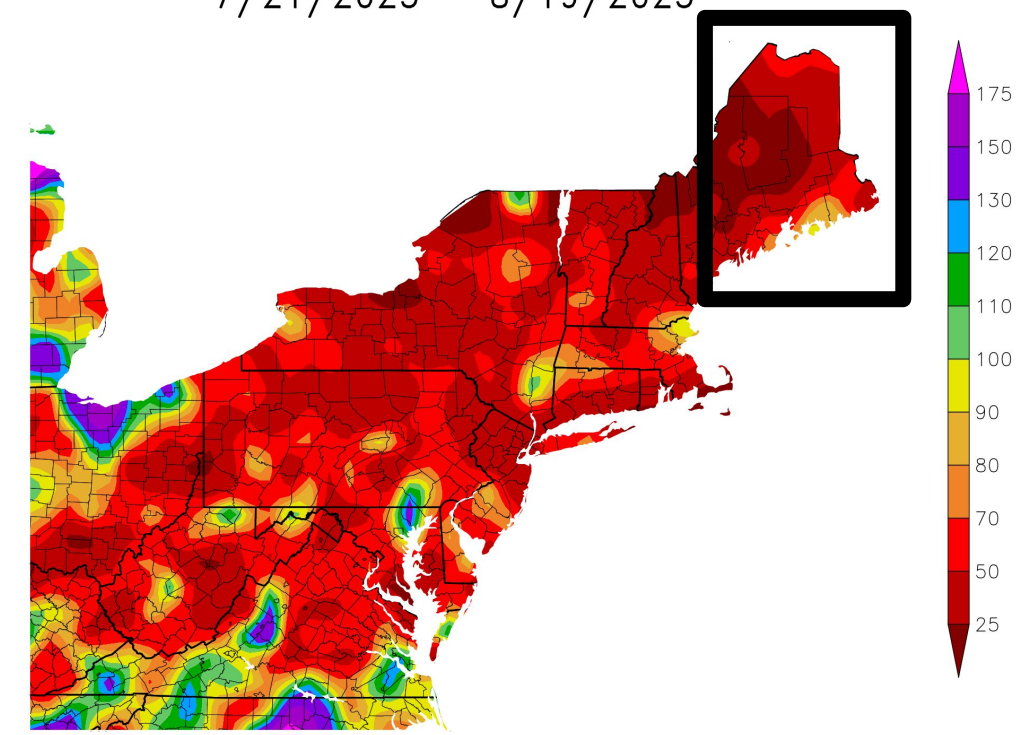
- Rainfall has been limited to mainly scattered showers and thunderstorms.
- A couple recent events provided some rainfall, but significant 30-60 day deficits remain.

Precipitation (in)
7/21/2025 – 8/19/2025



Generated 8/20/2025 using provisional data.

Percent of Normal Precipitation (%)
7/21/2025 – 8/19/2025



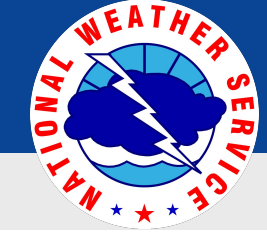
ACIS Web Services enenerated 8/20/2025 using provisional data.

ACIS Web Services

Total precipitation over the past
30 days

Percent of normal precipitation
for the past 30 days





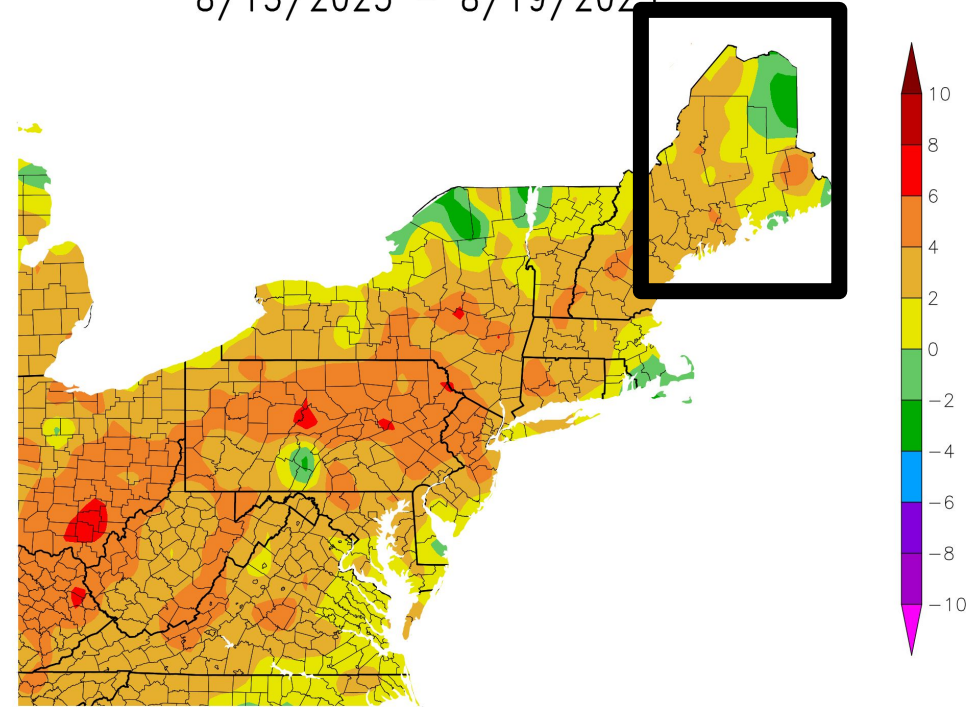
Temperature

August 21, 2025
4:09 PM EDT

Link to [Northeast Regional Climate Center](#)

- 7 day trends have featured above normal temperatures across the western half of the service area. Near to slightly below normal in eastern areas near New Brunswick
- 30 day trends have been near to slightly above normal for most locations. Slightly below normal along the Downeast Coast & NE Aroostook County.

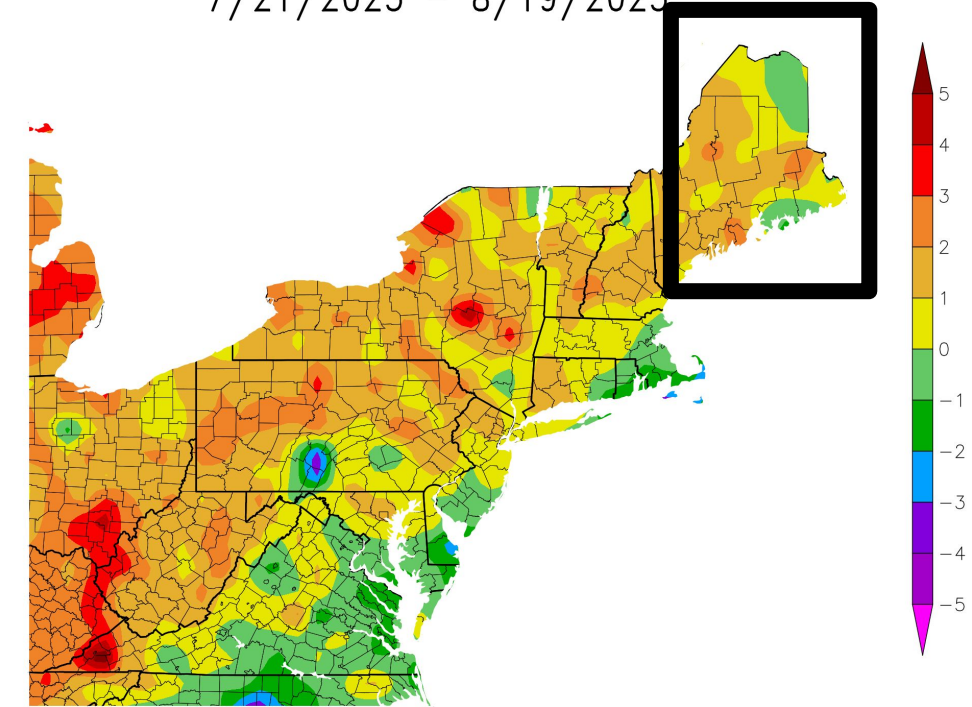
Departure from Normal Temperature (F)
8/13/2025 – 8/19/2025



Generated 8/20/2025 using provisional data.

Temperature departure from
normal over the past 7 days

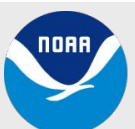
Departure from Normal Temperature (F)
7/21/2025 – 8/19/2025



ACIS Web Services Generated 8/20/2025 using provisional data.

ACIS Web Services

Temperature departure from
normal over the past 30 days





Summary of Impacts

August 21, 2025

4:09 PM EDT

Links: See/submit [Condition Monitoring Observer Reports \(CMOR\)](#) and view the [Drought Impacts Reporter](#)

Hydrologic Impacts

- The majority of streamflows across the service area have fallen to within the “Below” to “Much Below Normal” percentile. [\(USGS\)](#)
- A few sites approaching record low flows for this time of year.

Agricultural Impacts

- Irrigation impacts; increased usage of irrigation, water supply from ponds running low.

Fire Hazard Impacts

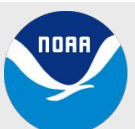
- Wildfire activity has been well above average in Maine in the past few weeks.
- Wildfires have been burning actively at night, burning deep into the ground, and completely consuming larger fuels, all indicative of dry conditions.
- Vegetation is showing signs of drought stress, with birch and other hardwood trees beginning to change color and drop leaves earlier than normal.

Other Impacts

- Dry wells can occur during periods of drought and have been reported over the past few weeks.

Mitigation Actions

- Conserve water, practice fire prevention and follow directions from local officials.

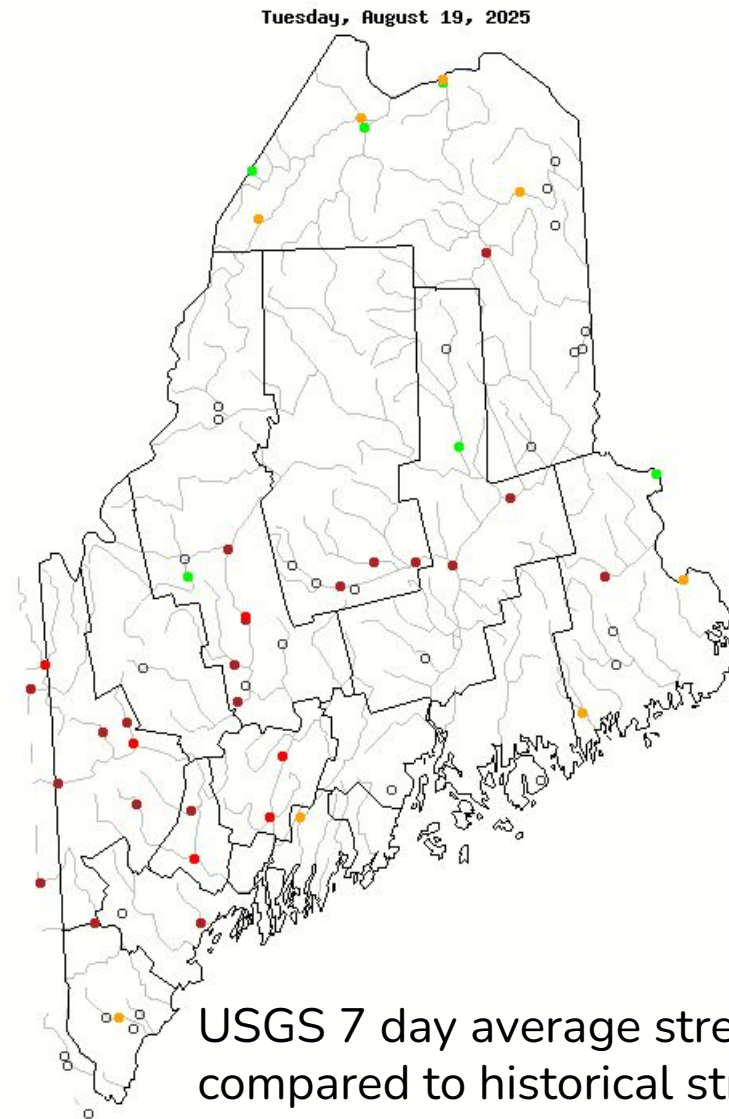




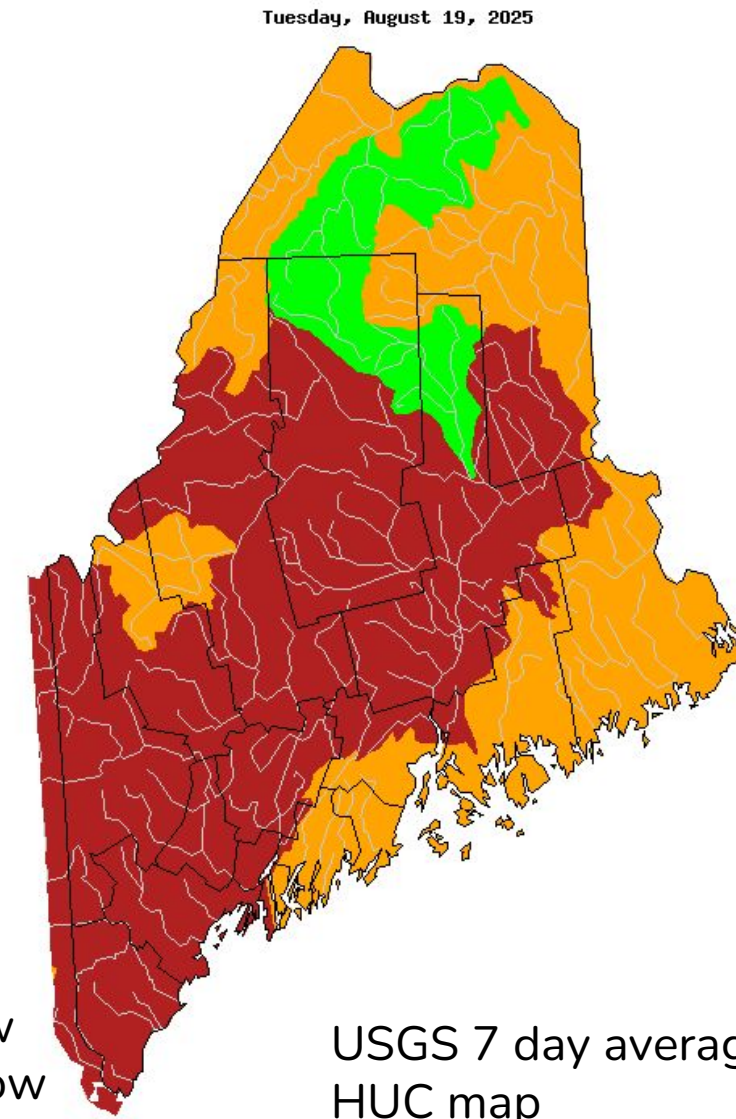
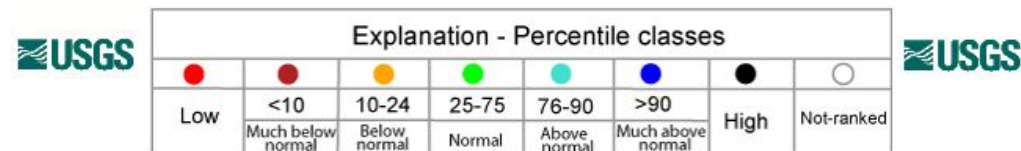
Hydrologic Conditions and Impacts

August 21, 2025
4:09 PM EDT

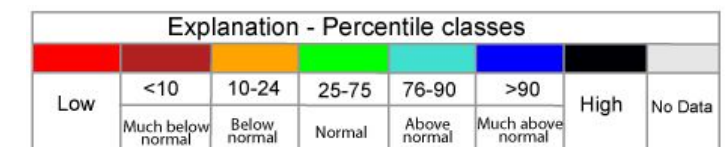
- Majority of the stream flows across the service area have fallen to “below normal” or “much below normal”.
- Only a few watersheds in Northern Maine are within the “normal” percentile.



USGS 7 day average streamflow compared to historical streamflow



USGS 7 day average streamflow HUC map





- Soil moistures are below normal across Maine.
- Soil moisture is significantly below normal in coastal Downeast Maine.

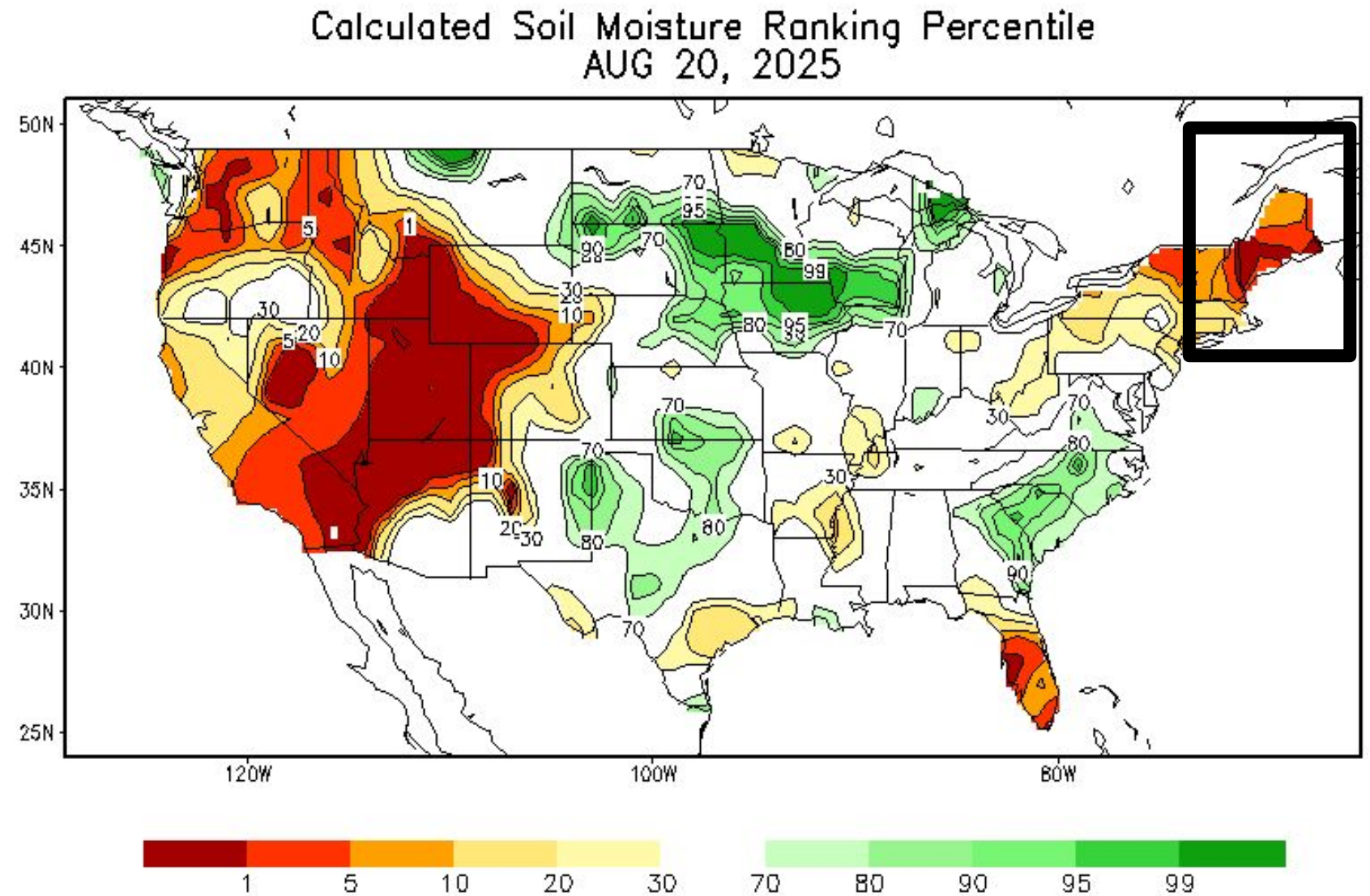


Image Captions:
CPC Calculated [Soil Moisture Ranking Percentile](#)



Fire Hazard Impacts

August 21, 2025
4:09 PM EDT

Link to [Wildfire Potential Outlooks from the National Interagency Coordination Center](#).

- High fire danger in central and coastal Maine. Moderate in northern Maine.
- Potential for some significant fire potential Friday through Saturday, from some gusty winds and low relative humidity.

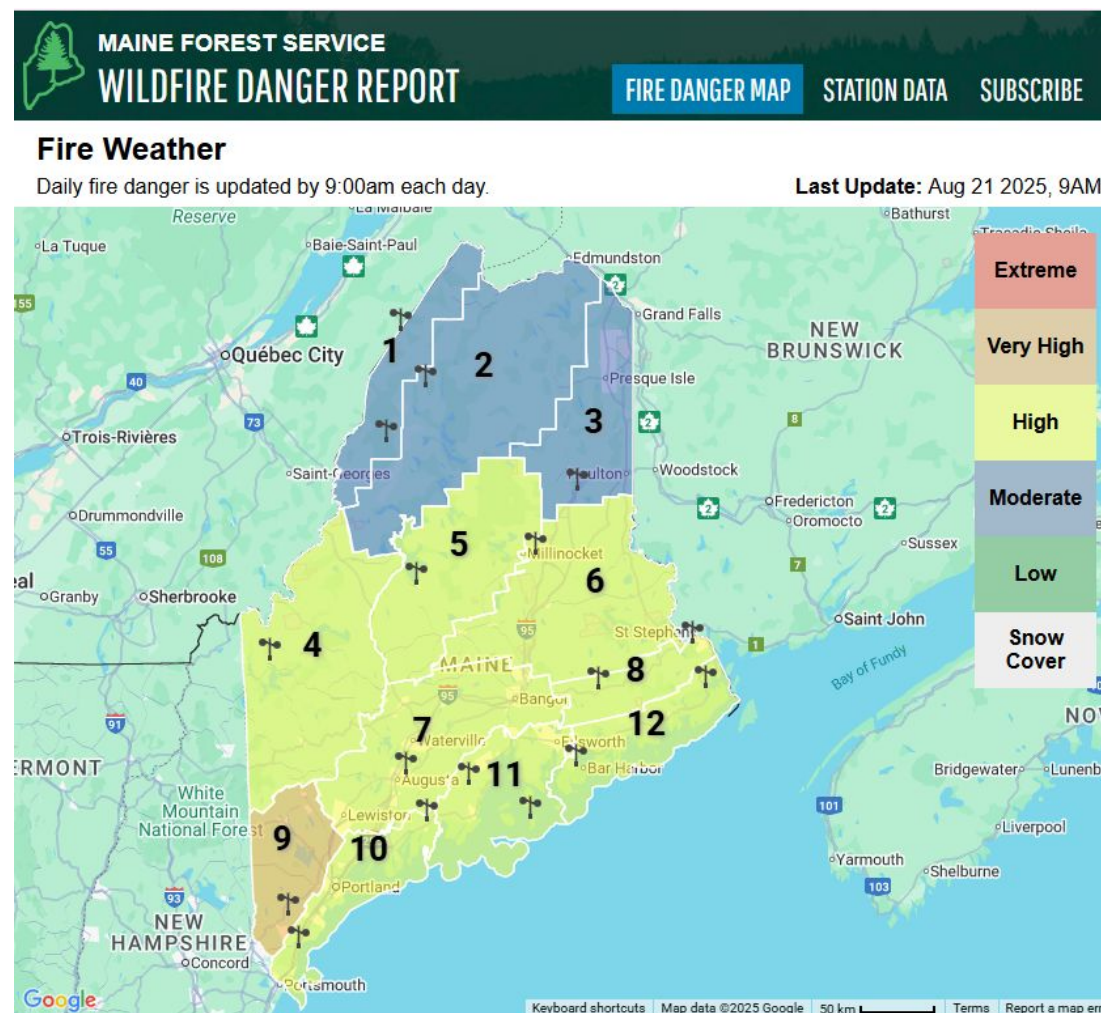


Image Captions:
[Maine Wildfire Danger Report](#)

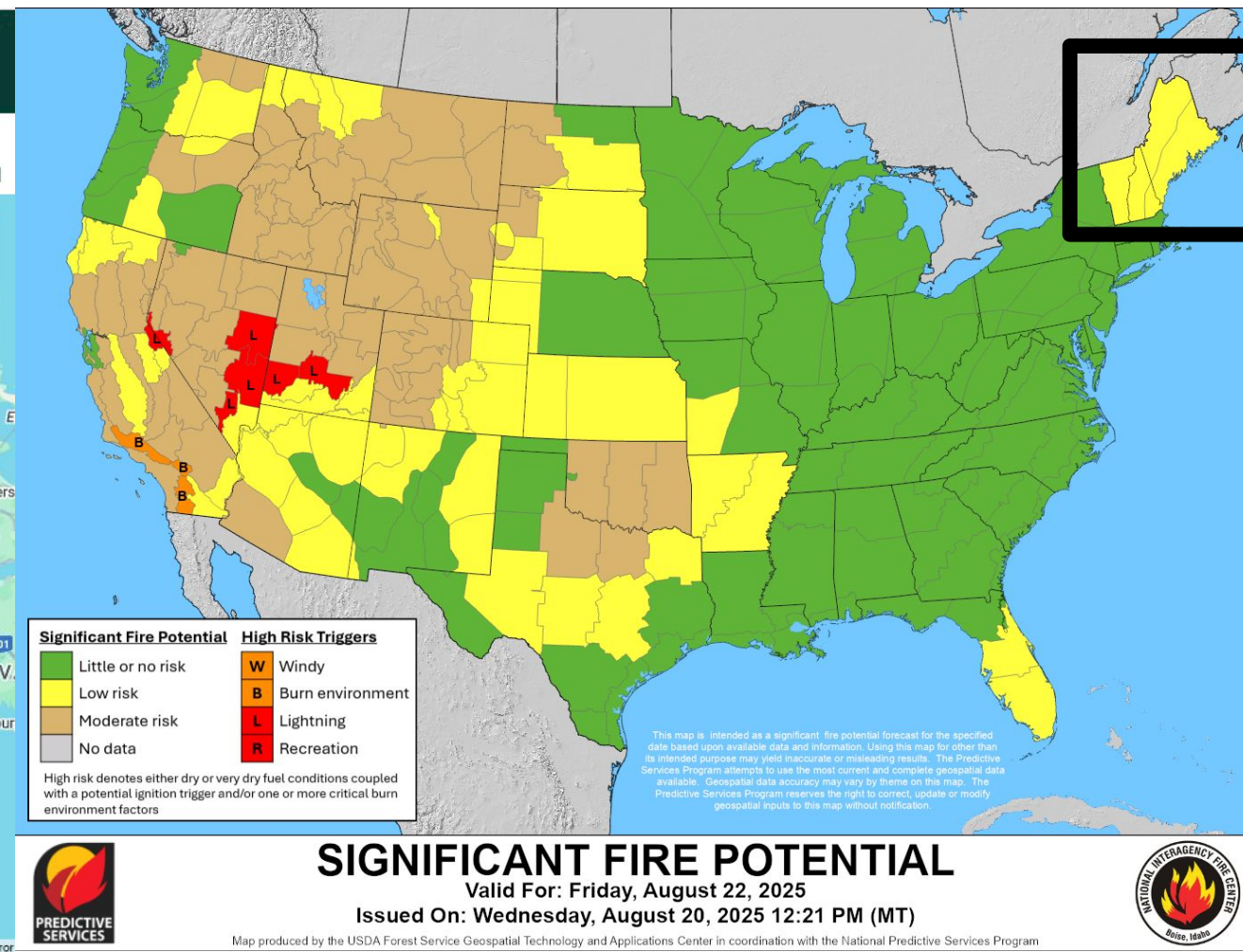


Image Captions:
[NICC 7-Day Significant Fire Potential](#)



Seven Day Precipitation Forecast

August 21, 2025
4:09 PM EDT

- High pressure over the area through the end of the week. Warm front moves through on Saturday, alongside a cold front moving through Sunday evening. With this cold front, expect precipitation chances to increase Sunday night through Tuesday.
- Chance of thunderstorms Monday.
- A wetting rain for this early week system, but not a drought buster.

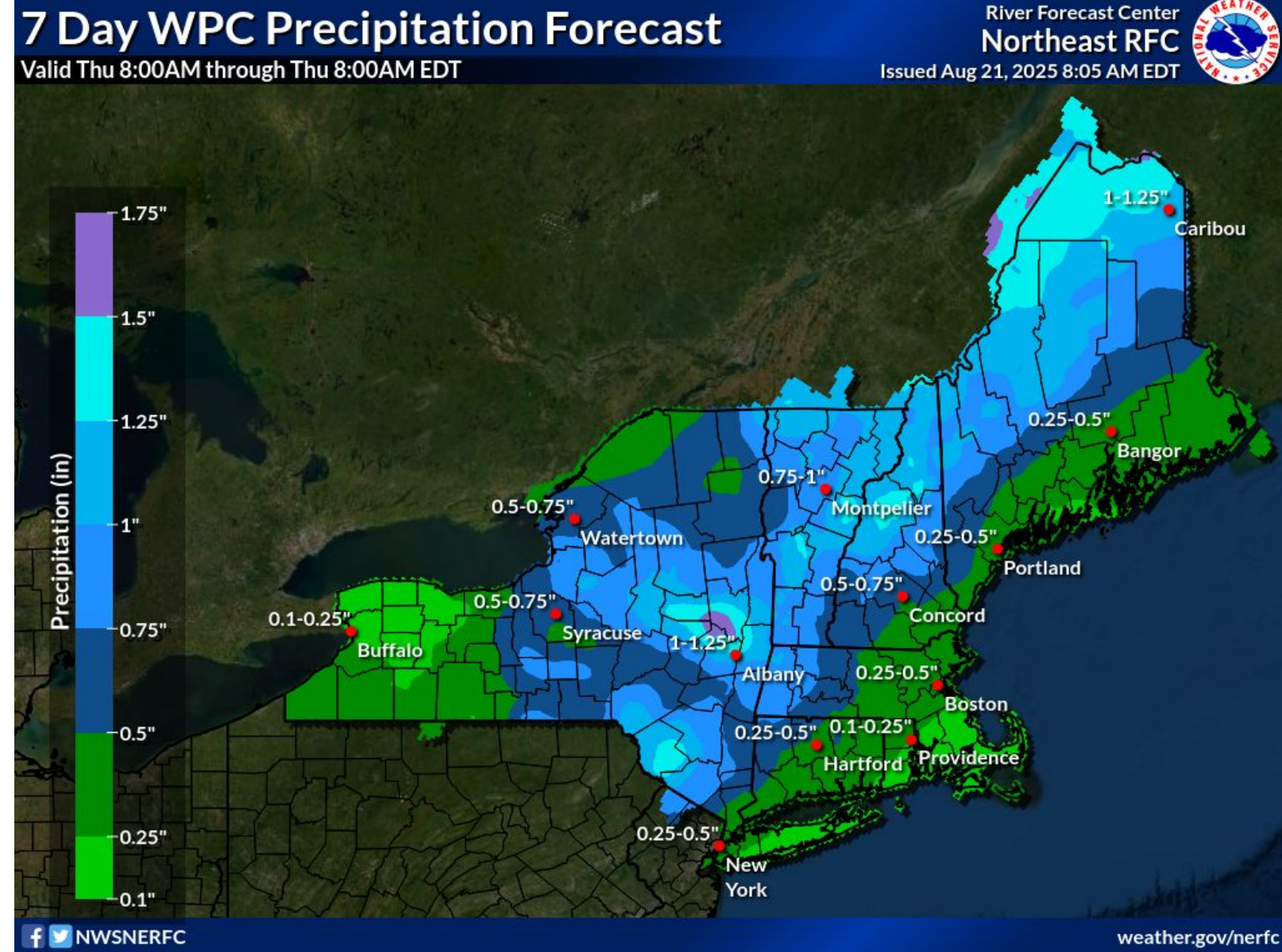


Image Caption: Weather Prediction Center [7-day precipitation forecast](#)
valid 08/21 8AM to 08/28 8AM





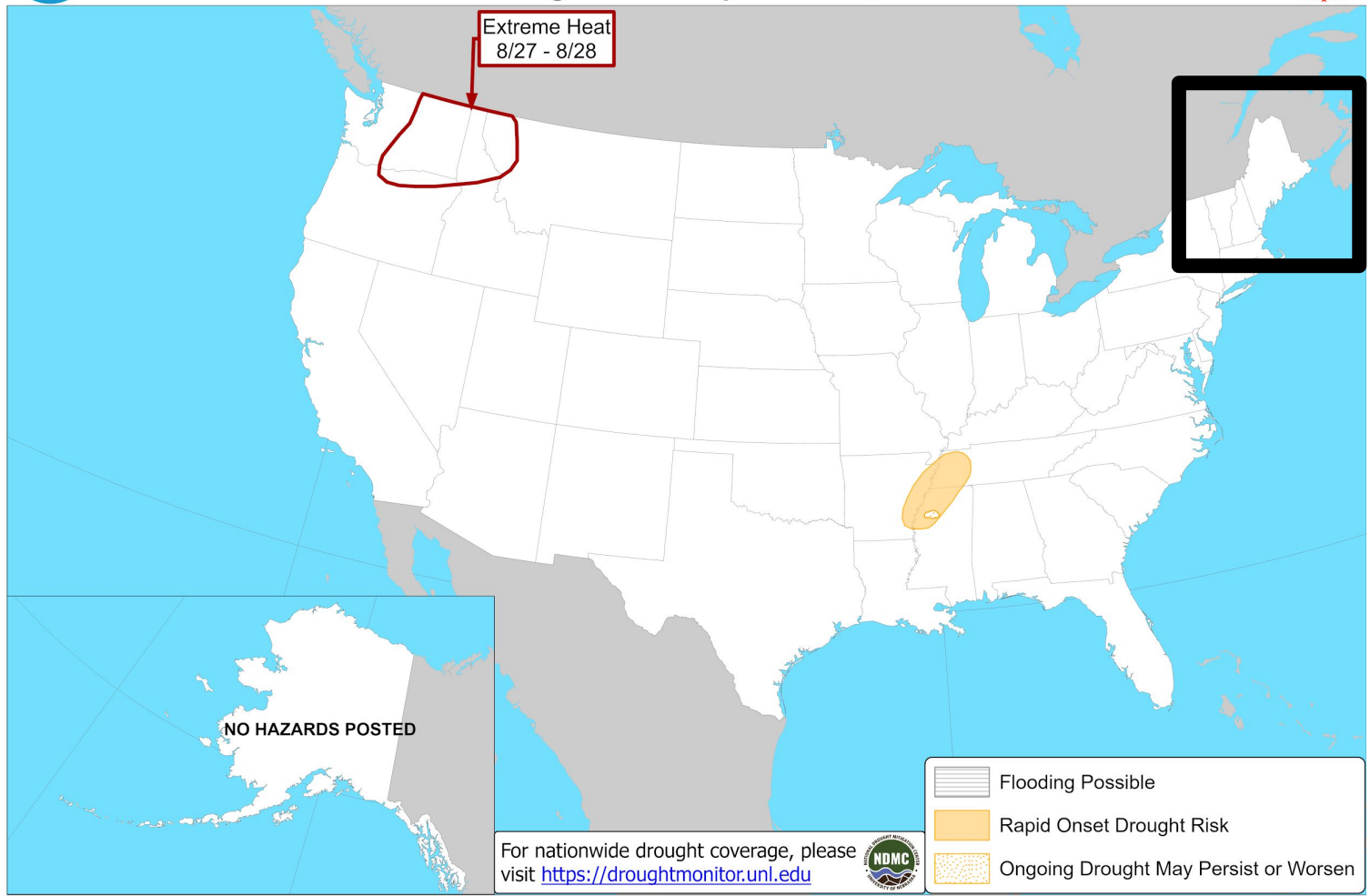
Rapid Onset Drought Outlook

August 21, 2025
4:09 PM EDT

- Currently no rapid drought risk forecast in the next two weeks.



Days 8-14 U.S. Hazards Outlook Valid: August 27 - September 2, 2025



Climate Prediction Center

Released: August 19, 2025 3:00 PM EDT

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8 to 14 Day Outlooks

August 21, 2025
4:09 PM EDT

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

Main Takeaways for Next Week:

- Temperatures forecast to be *below normal*.
- Precipitation forecast to be about *normal*.

Possible Impact

- Without above average rainfall, precipitation deficit will persist. Below average temperatures, however, could at least lead to less evaporation.

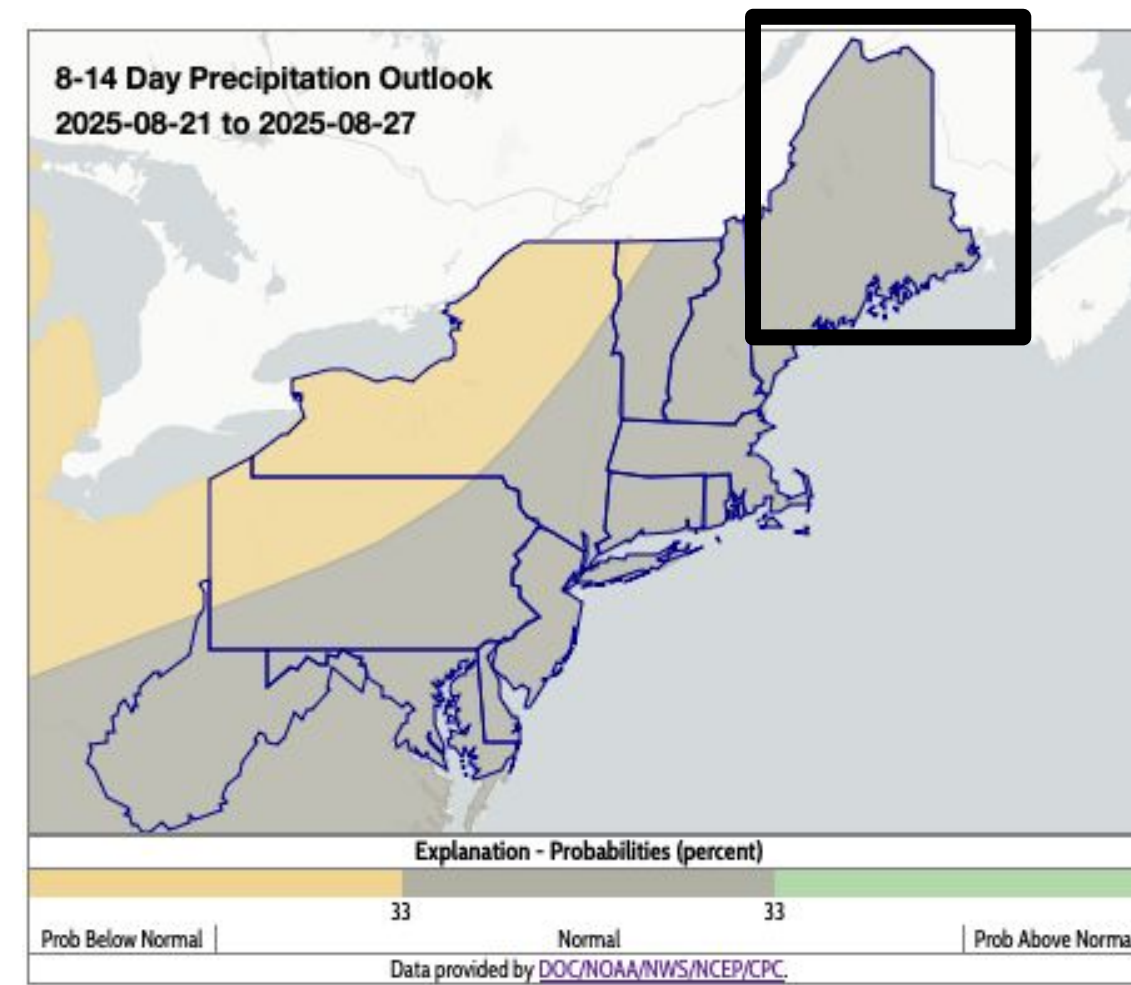
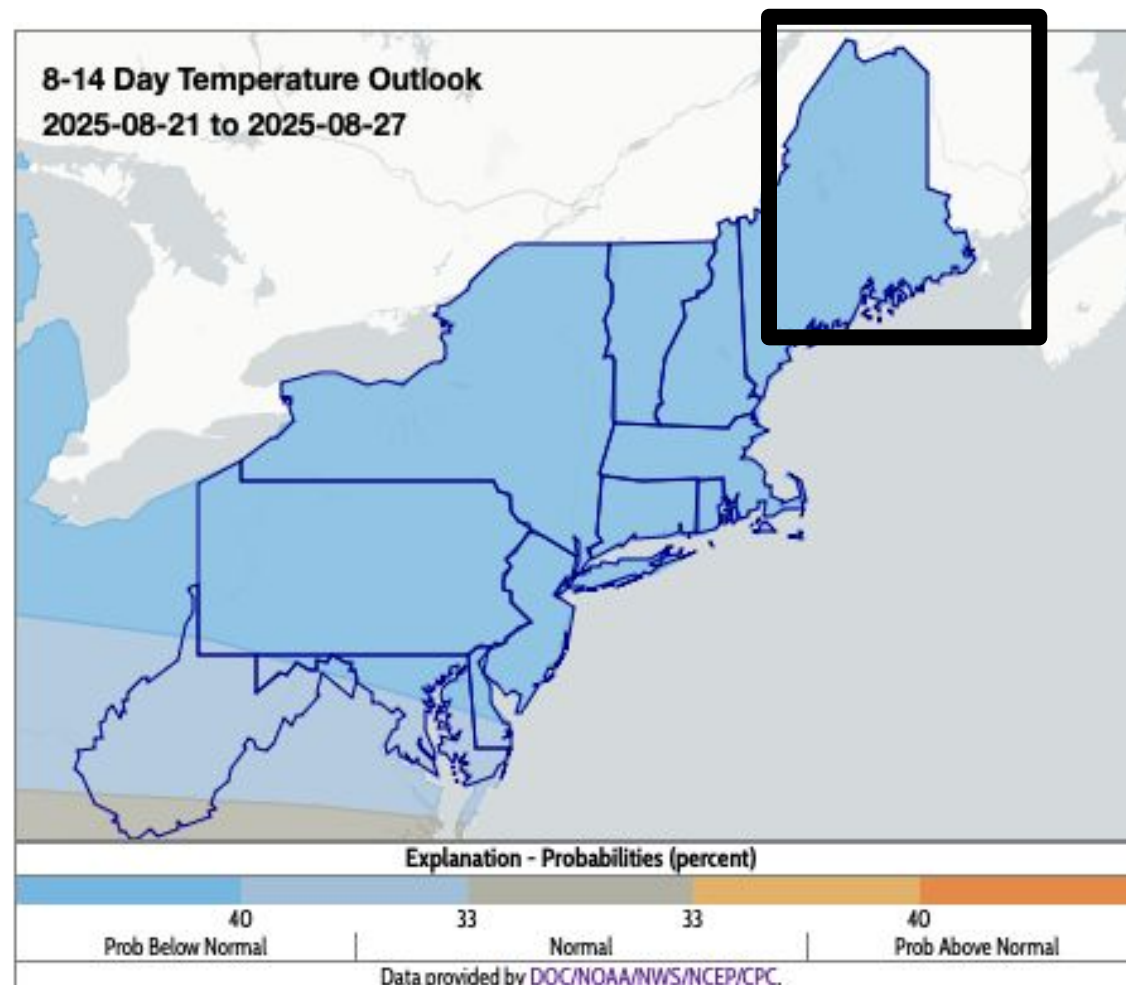


Image Captions:

Left - [Climate Prediction Center 8-14 Day Temperature Outlook.](#)

Right - [Climate Prediction Center 8-14 Day Precipitation Outlook.](#)

Valid Month DD to DD.





Long Range Outlooks

August 21, 2025

4:09 PM EDT

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

Main Takeaways for the Next Month:

- Above average temperatures.
- About normal precipitation amounts.

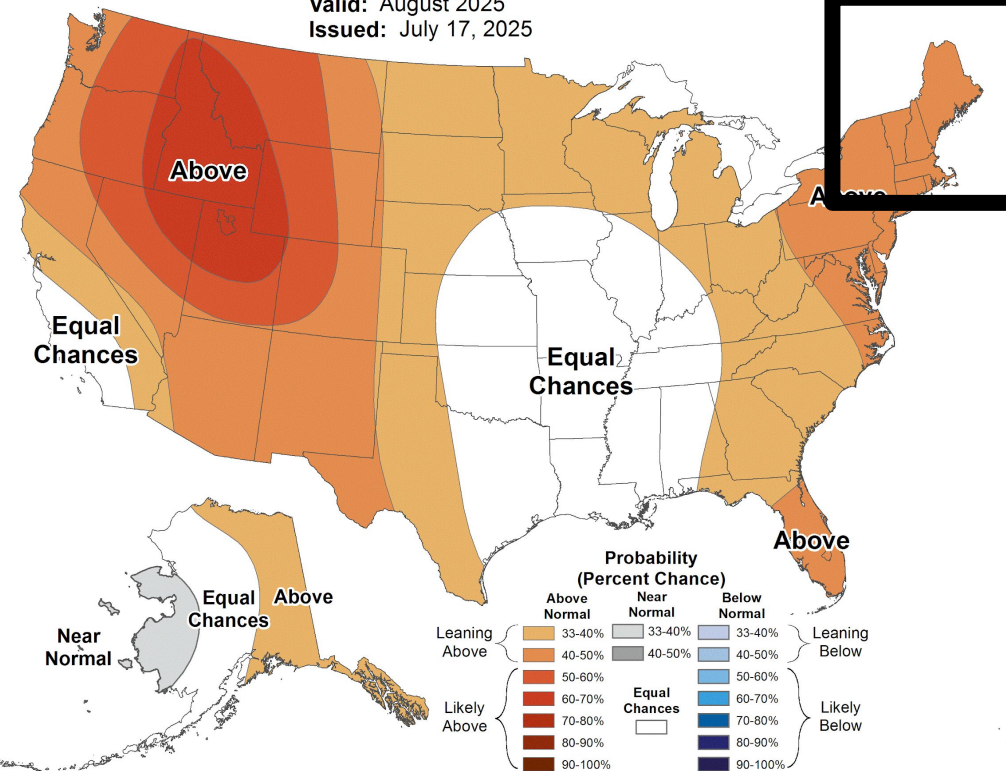
Possible Impact

- Despite having some below average temperatures in the short term, above average temperatures with average precipitation will not help Maine to catch up in its moisture deficit. Isolated storms with locally higher precipitation totals could help select locations get some additional moisture.



Monthly Temperature Outlook

Valid: August 2025
Issued: July 17, 2025



Monthly Precipitation Outlook

Valid: August 2025
Issued: July 17, 2025

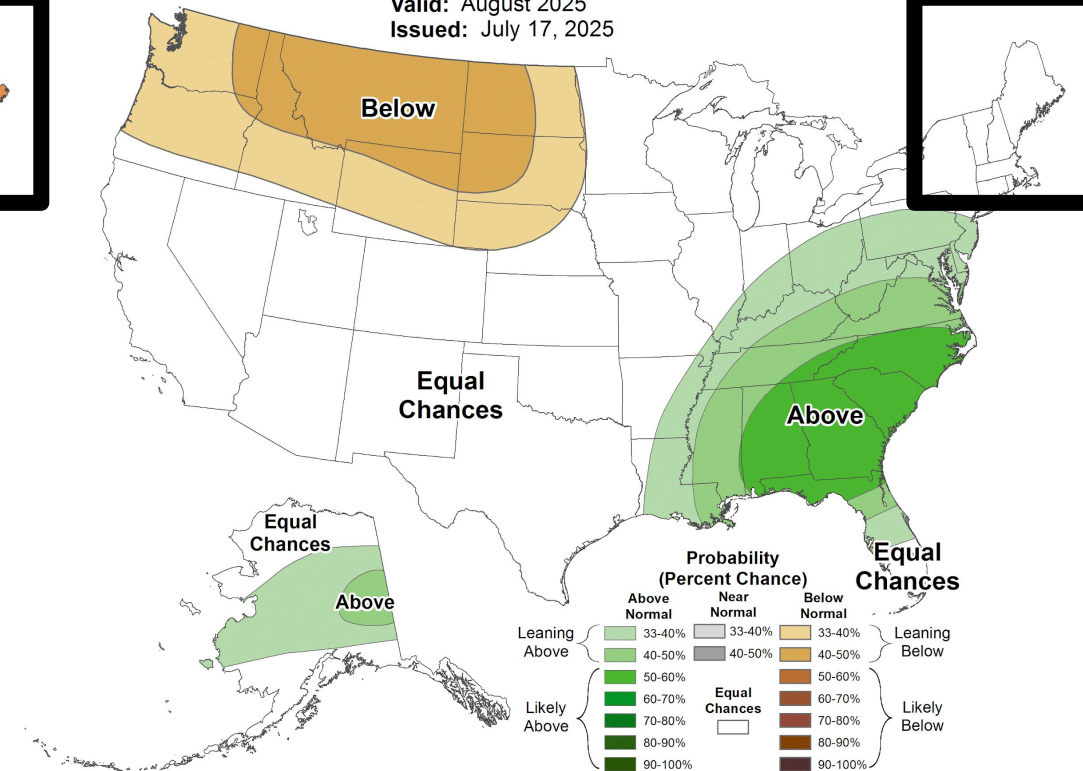
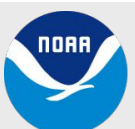


Image Captions:

Left - [Climate Prediction Center 8-14 Day Temperature Outlook.](#)

Right - [Climate Prediction Center 8-14 Day Precipitation Outlook.](#)

Valid Month DD to DD.



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Caribou, ME



Drought Outlook

August 21, 2025
4:09 PM EDT

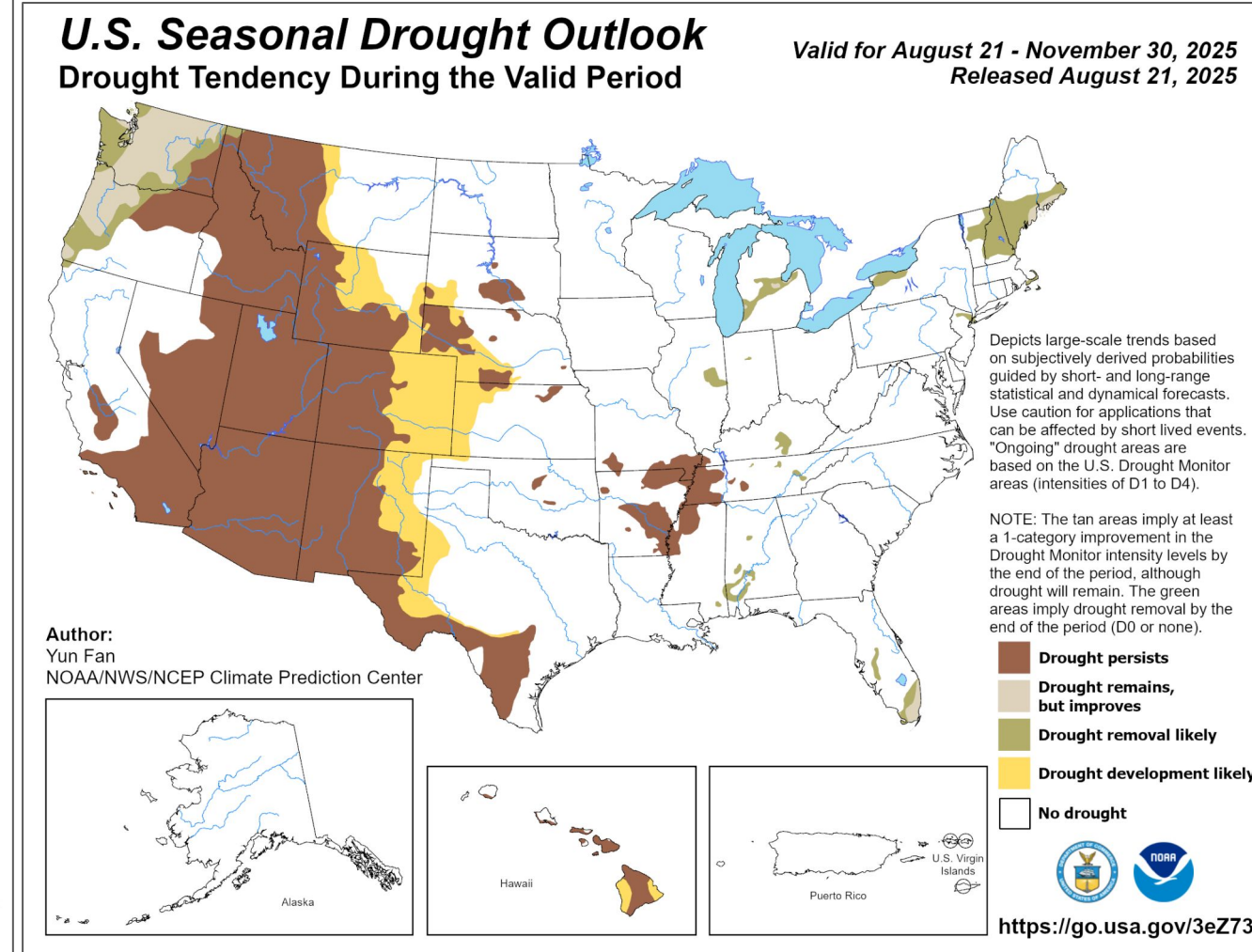
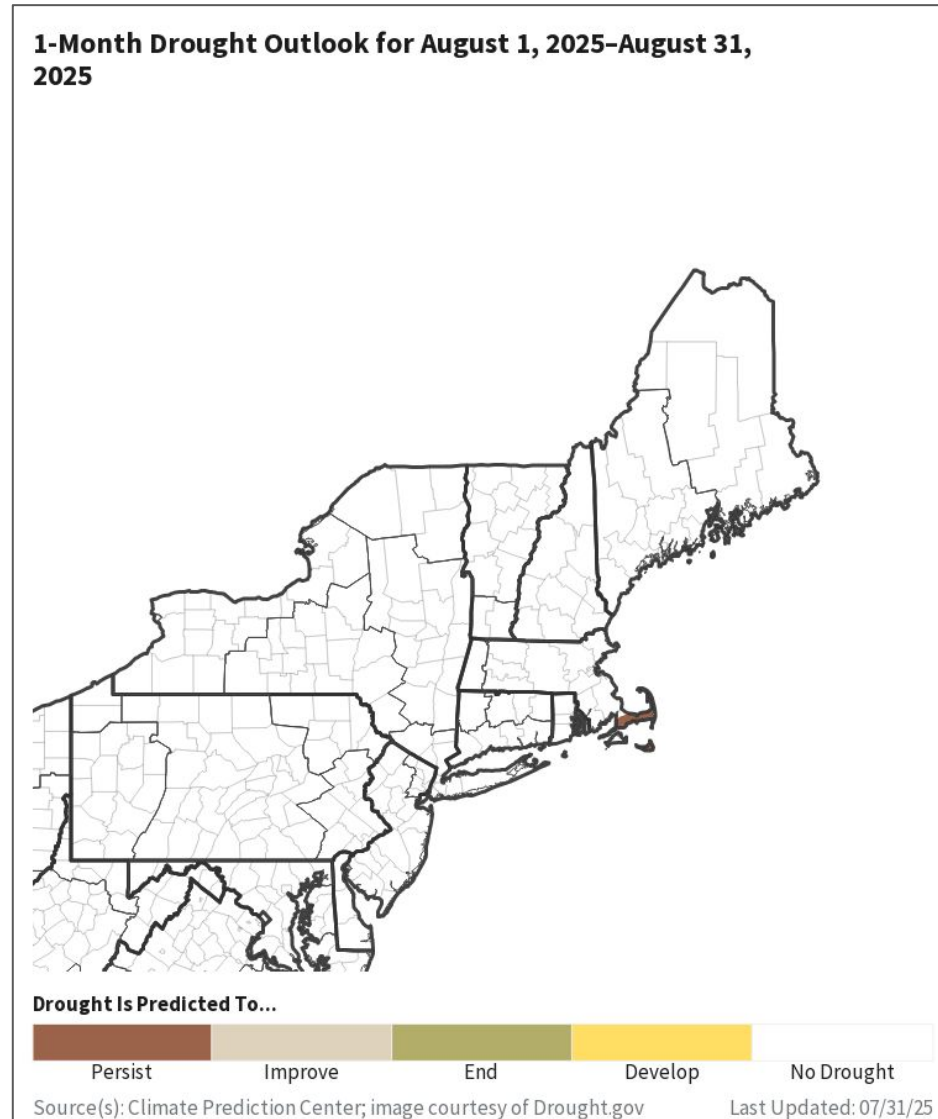
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

Main Takeaways

- No projected change in drought this month.
- Downeast coast expected to have drought removal by end of the 3-month seasonal outlook.

Possible Impact

- Potential for some improved conditions in drought heavy areas in the next few months.



Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



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Caribou, ME



Main Takeaways

August 21, 2025
4:09 PM EDT

- The drought was driven by periods of hot temperatures in July and August, during which time less than 50% of normal rainfall was observed.
- Hot temperatures increased evapotranspiration, depleting soil moisture rapidly.
- These conditions occurring during the peak growing season are responsible for crop and forest stress.
- Additional impacts include but not limited to declining streamflows, lake levels, and groundwater.
- The latest forecast and outlooks going forward favor limited opportunities for relief through early September.

Contact Information

Web

- www.weather.gov/gyx
- www.weather.gov/car

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- Donald.dumont@noaa.gov

