



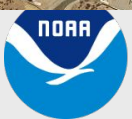
Drought Information Statement for Northern and Eastern Maine

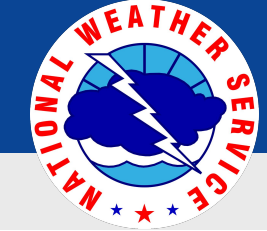
Valid September 4, 2025

Issued By: WFO Caribou, ME

- This product will be updated September 11, 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.

- Severe Drought expands to all of the Downeast, Bangor Region into the Central Highlands.





U.S. Drought Monitor

September 4, 2025
1:22 PM EDT

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

- **Drought Intensity and Extent:**

- **D2 (Severe Drought):** Much of Washington County, All of Hancock County, Southern & Central Penobscot County and Southern Piscataquis County.
- **D1 (Moderate Drought):** Narrow areas of Central Piscataquis, Central Penobscot counties, far Northern Washington County and far Southern Aroostook County.
- **D0: (Abnormally Dry):** Portions of Northern Somerset, Northern Piscataquis, Northern Penobscot and Southern & Northeast Aroostook counties.

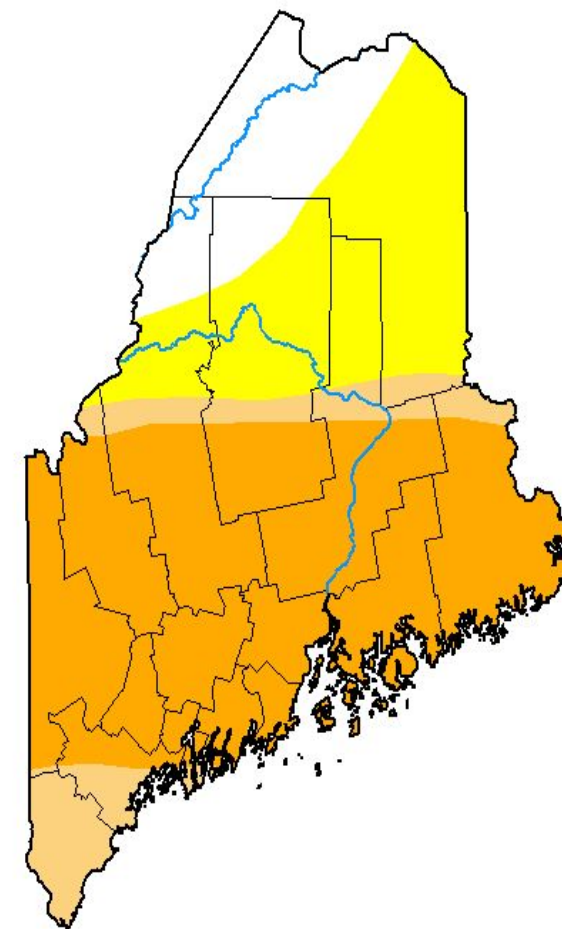
Percentage of Maine in Drought

- **D0: (Abnormally Dry):** 24.23%
- **D1 (Moderate Drought):** 9.73%
- **D2 (Severe Drought):** 52.94%

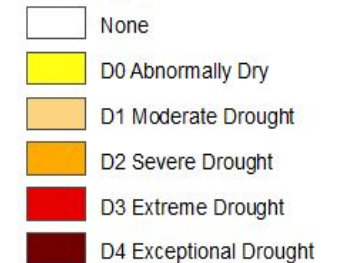
Estimated Population in Drought Areas: 1,185,388

U.S. Drought Monitor Maine

September 2, 2025
(Released Thursday, Sep. 4, 2025)
Valid 8 a.m. EDT



Intensity:



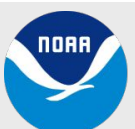
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <http://droughtmonitor.unl.edu/About.aspx>

Author:

David Simeral
Western Regional Climate Center

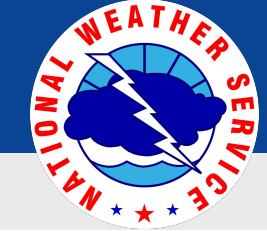


droughtmonitor.unl.edu



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

National Weather Service
Caribou, ME

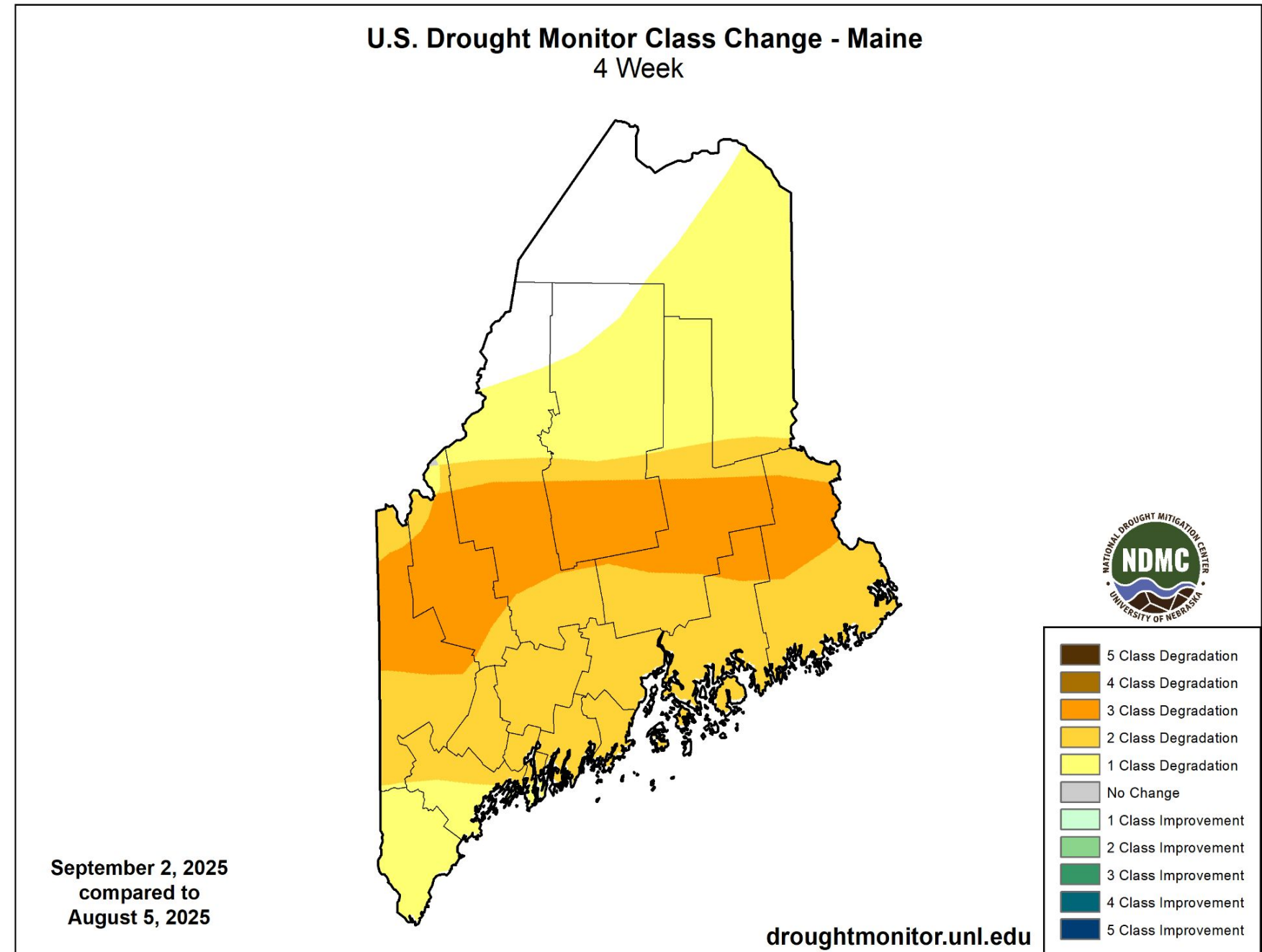


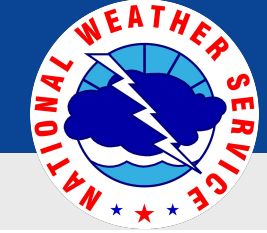
Recent Change in Drought Intensity

September 4, 2025
1:22 PM EDT

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

- Four week drought monitor class change:
 - **Drought Worsened:** Interior Downeast Maine, Bangor region and much of the Central Highlands.
 - **Dry Conditions Worsened:** Moosehead Region & Baxter Region and Southern/Eastern Aroostook County.
 - **No Change:** North Woods & Western St. John Valley.





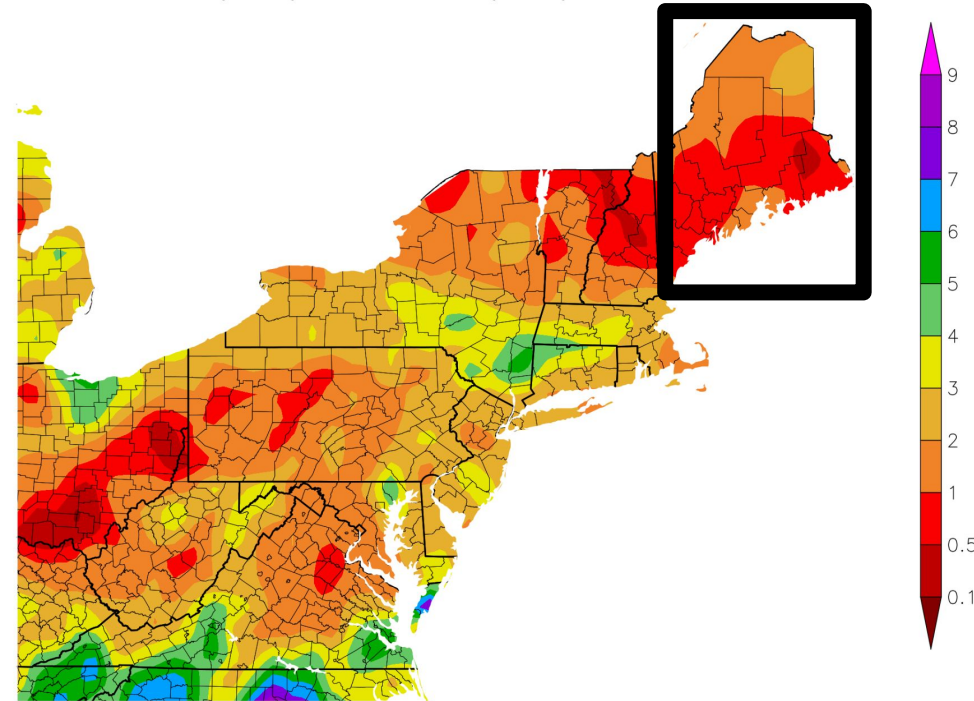
Precipitation

September 4, 2025
1:22 PM EDT

Link to [Northeast Regional Climate Center](#)

- Soaking rainfall across northern areas was beneficial for groundwater recharge and streamflows. Elsewhere, mainly isolated to scattered showers provided limited rainfall.
- A couple recent events provided some rainfall, but significant 30-60 day deficits remain.

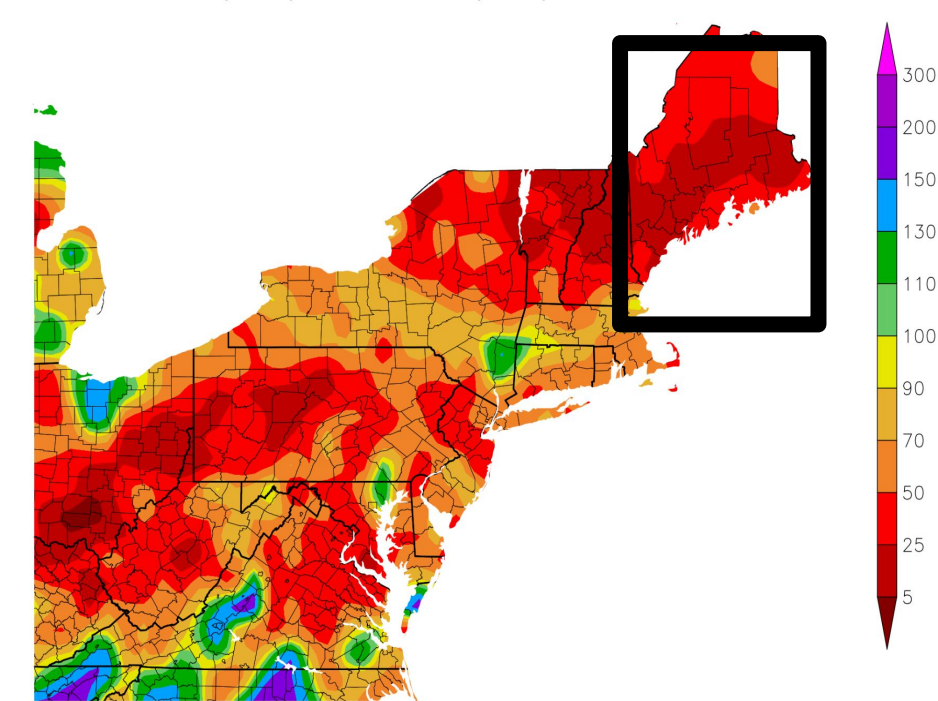
Precipitation (in)
7/29/2025 – 8/27/2025



ACIS Web Services

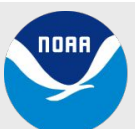
Total precipitation over the past
30 days

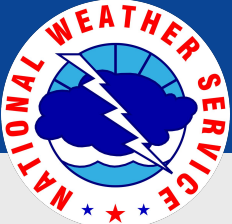
Percent of Normal Precipitation (%)
7/29/2025 – 8/27/2025



ACIS Web Services

Percent of normal precipitation
for the past 30 days





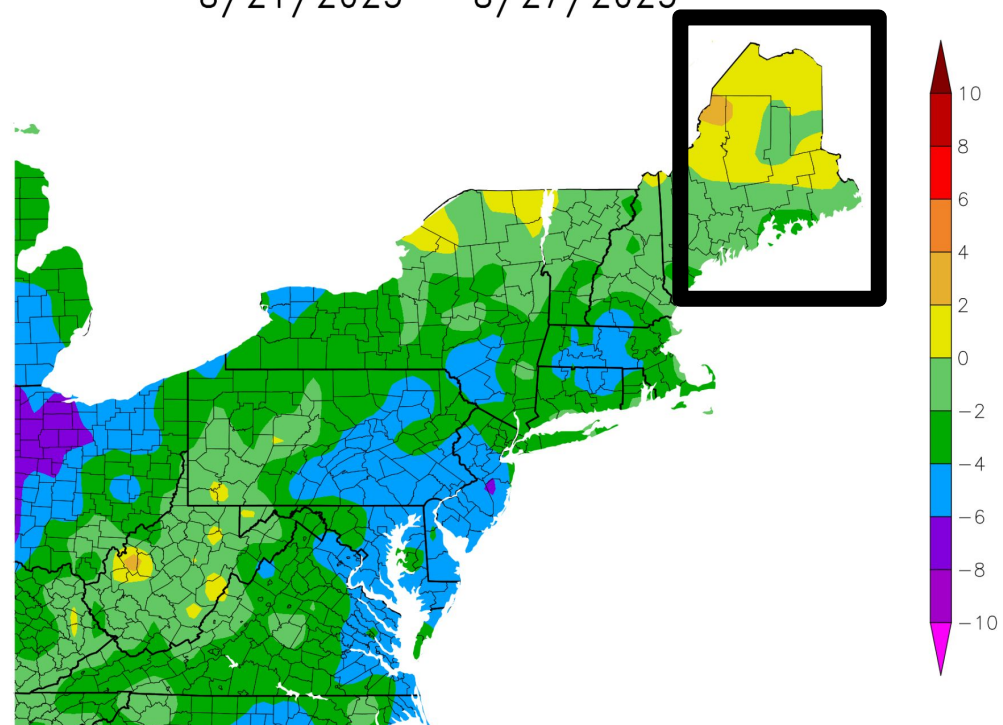
Temperature

September 4, 2025
1:22 PM EDT

Link to [Northeast Regional Climate Center](#)

- 7 day trends have featured near to slightly below normal temperatures across much of the area.
- 30 day trends have been near to slightly above normal for most locations.

Departure from Normal Temperature (F)
8/21/2025 – 8/27/2025

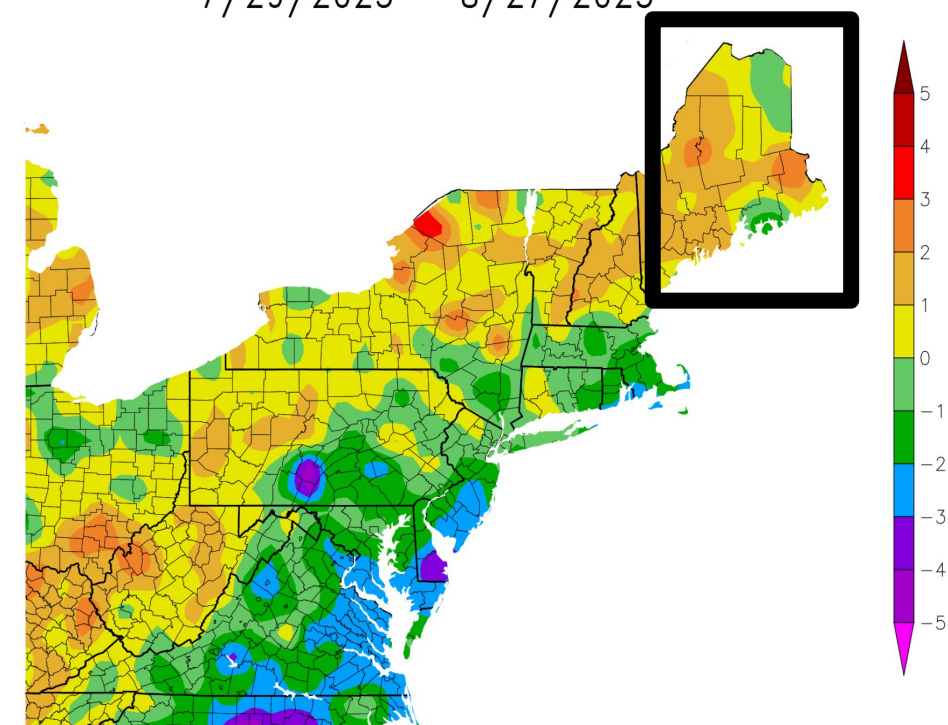


Generated 8/28/2025 using provisional data.

ACIS Web Services

Temperature departure from
normal over the past 7 days

Departure from Normal Temperature (F)
7/29/2025 – 8/27/2025

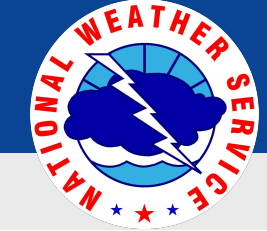


Generated 8/28/2025 using provisional data.

ACIS Web Services

Temperature departure from
normal over the past 30 days





Summary of Impacts

September 4, 2025

1:22 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 or at 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

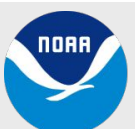
- Wildfire activity has been well above average in Maine for August.
- Wildfires have been burning actively at night, burning deep into the ground, and completely consuming larger fuels, all indicative of dry conditions.
- Vegetation is showing signs of drought stress, with birch and other hardwood trees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

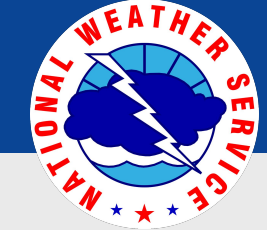
Other Impacts

- Dry wells can occur during periods of drought and have been reported over the past few weeks.
- Maine Drought Task Force Dry Well Survey [Here](#)

Mitigation Actions

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

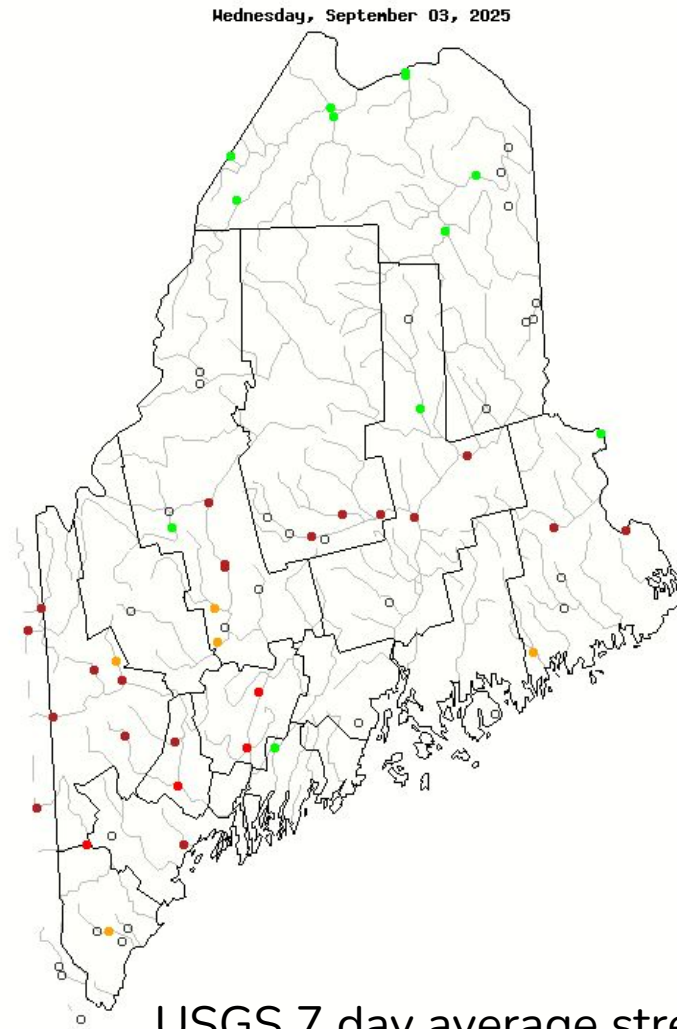




Hydrologic Conditions and Impacts

September 4, 2025
1:22 PM EDT

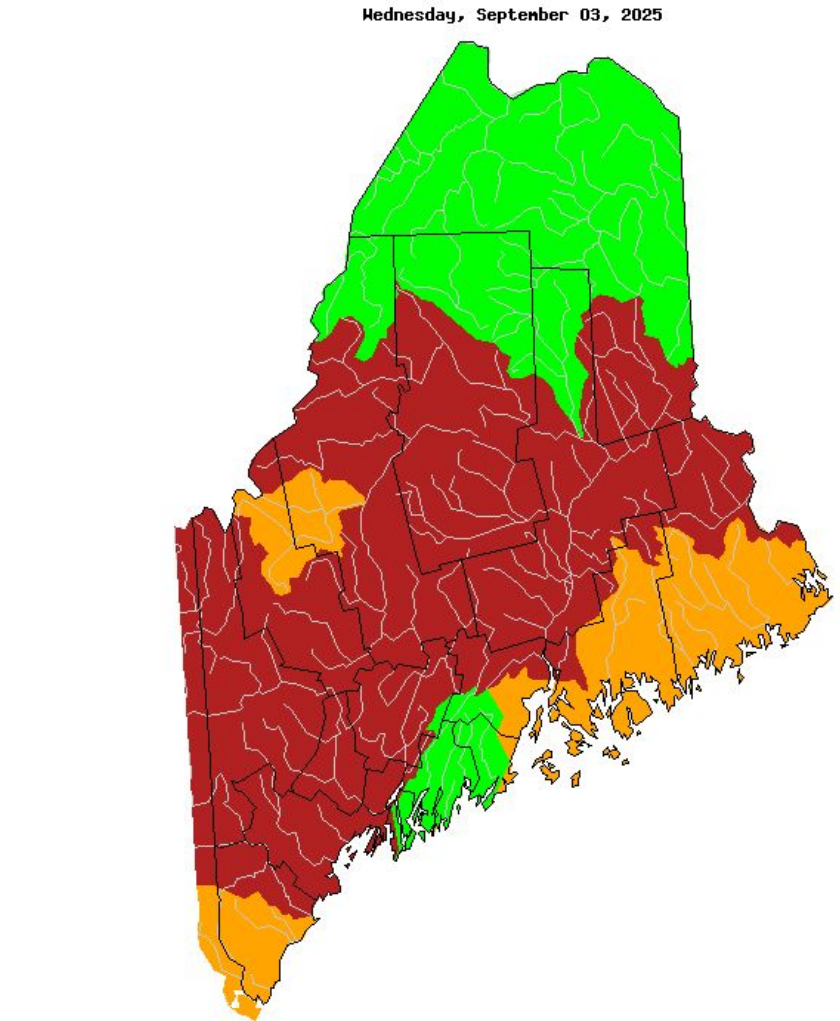
- Majority of the stream flows across the service area have fallen to “below normal” or “much below normal”.
- A few locations are now at record low or near record low flows for this time of year.
- Only a few watersheds in Northern Maine are within the “normal” percentile.



USGS

USGS 7 day average streamflow compared to historical streamflow

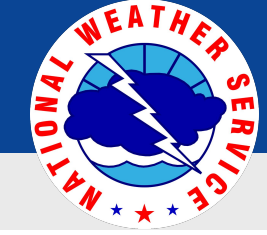
Explanation - Percentile classes							
Low	<10 Much below normal	10-24 Below normal	25-75 Normal	76-90 Above normal	>90 Much above normal	High	Not-ranked



USGS

USGS 7 day average streamflow HUC map

Explanation - Percentile classes							
Low	<10 Much below normal	10-24 Below normal	25-75 Normal	76-90 Above normal	>90 Much above normal	High	No Data



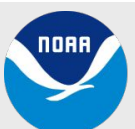
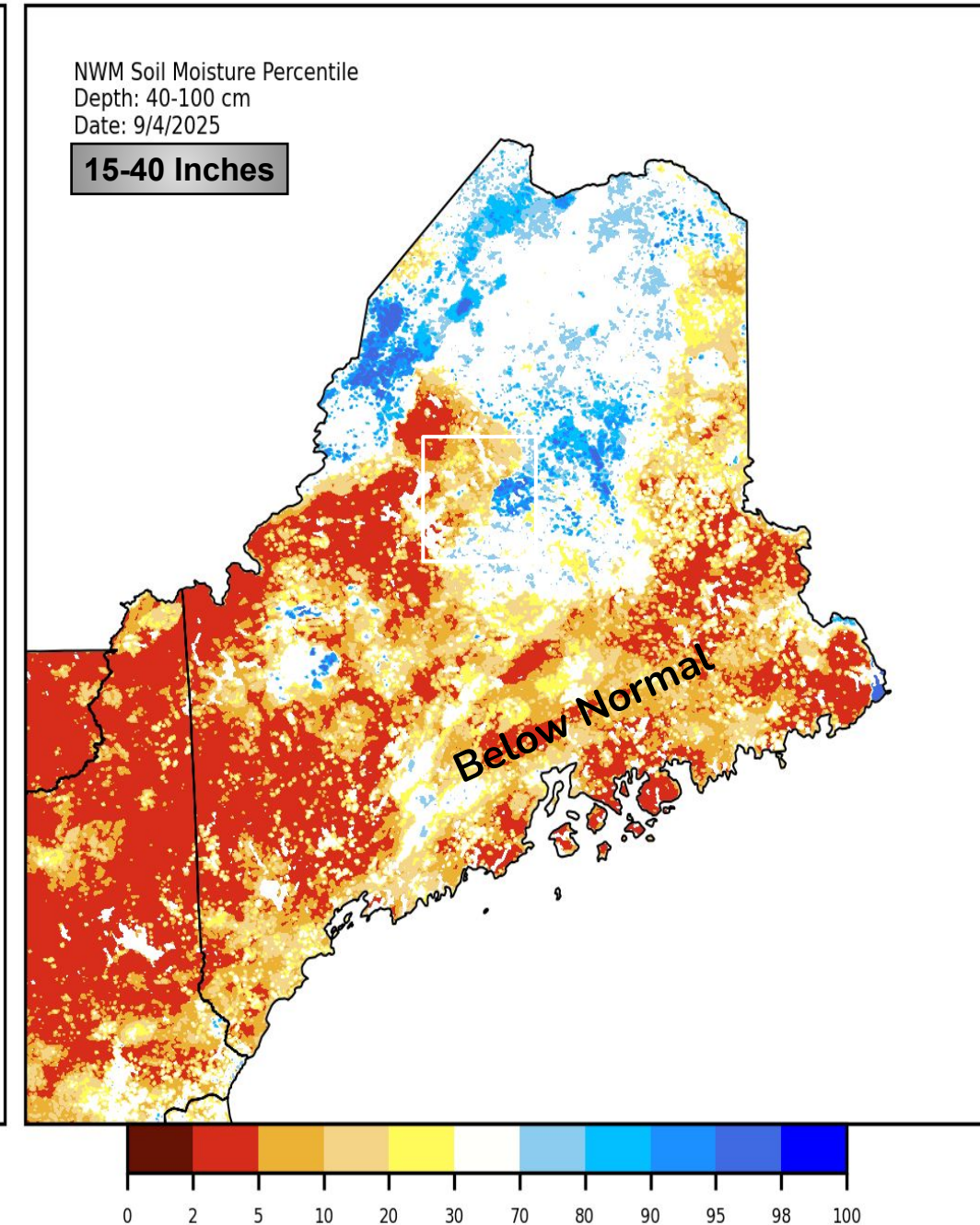
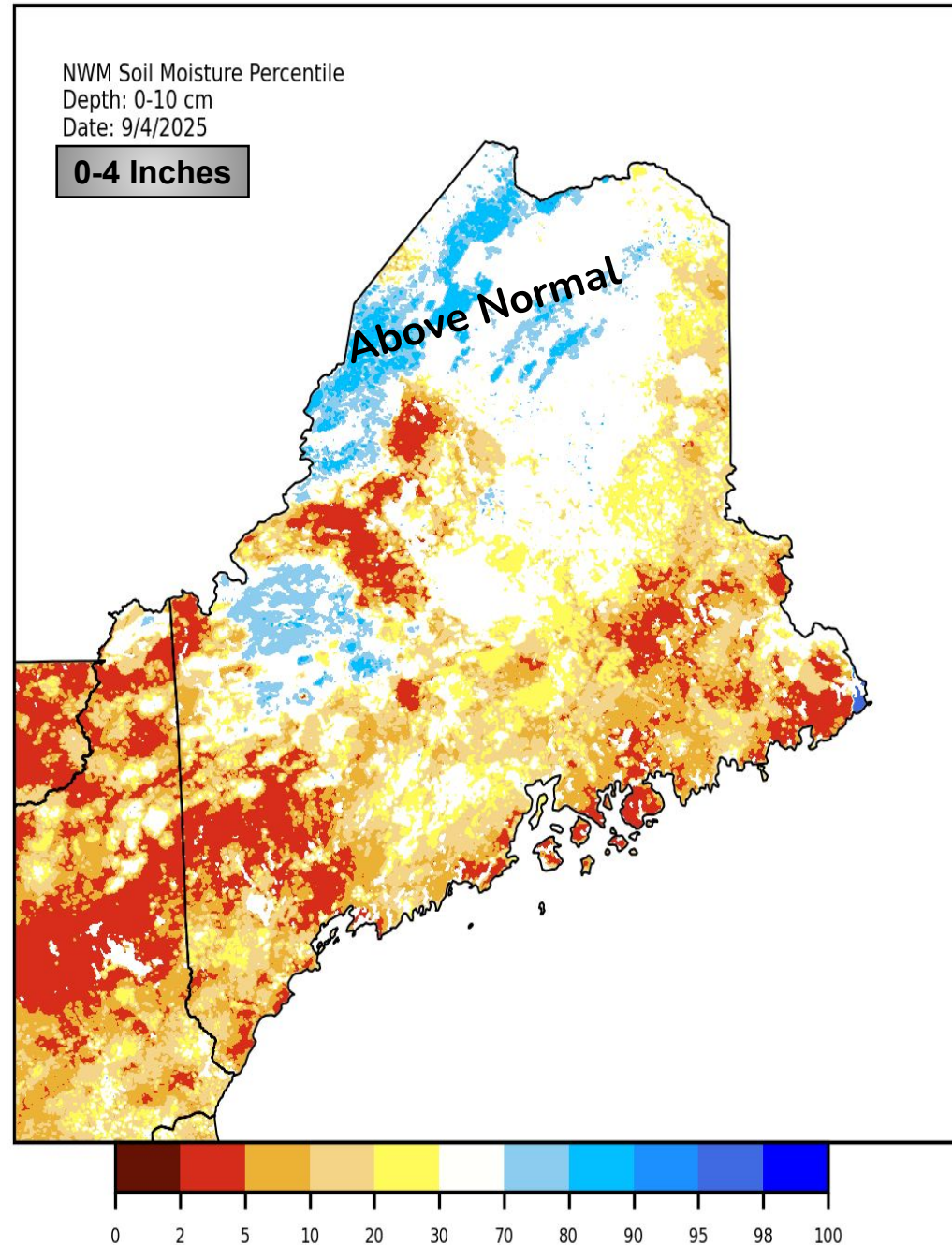
Agricultural Impacts

September 4, 2025
1:22 PM EDT

- Soil moistures are above normal across Northern Maine & portions of the Central Highlands. This is due to recent rainfall.
- Soil moisture is significantly below normal in Downeast Maine, Bangor Region & Moosehead Region.

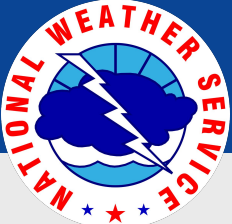
Image Captions:
National Water Model

[Soil Moisture Percentile 0-10cm Depth](#)
[Soil Moisture Percentile 10-40cm Depth](#)



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

National Weather Service
Caribou, ME



Fire Hazard Impacts

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

- High to Very High fire danger in portions of Maine.
- Upcoming rainfall will temporarily lower fire risk, but long term forecast will not end the fire risk.

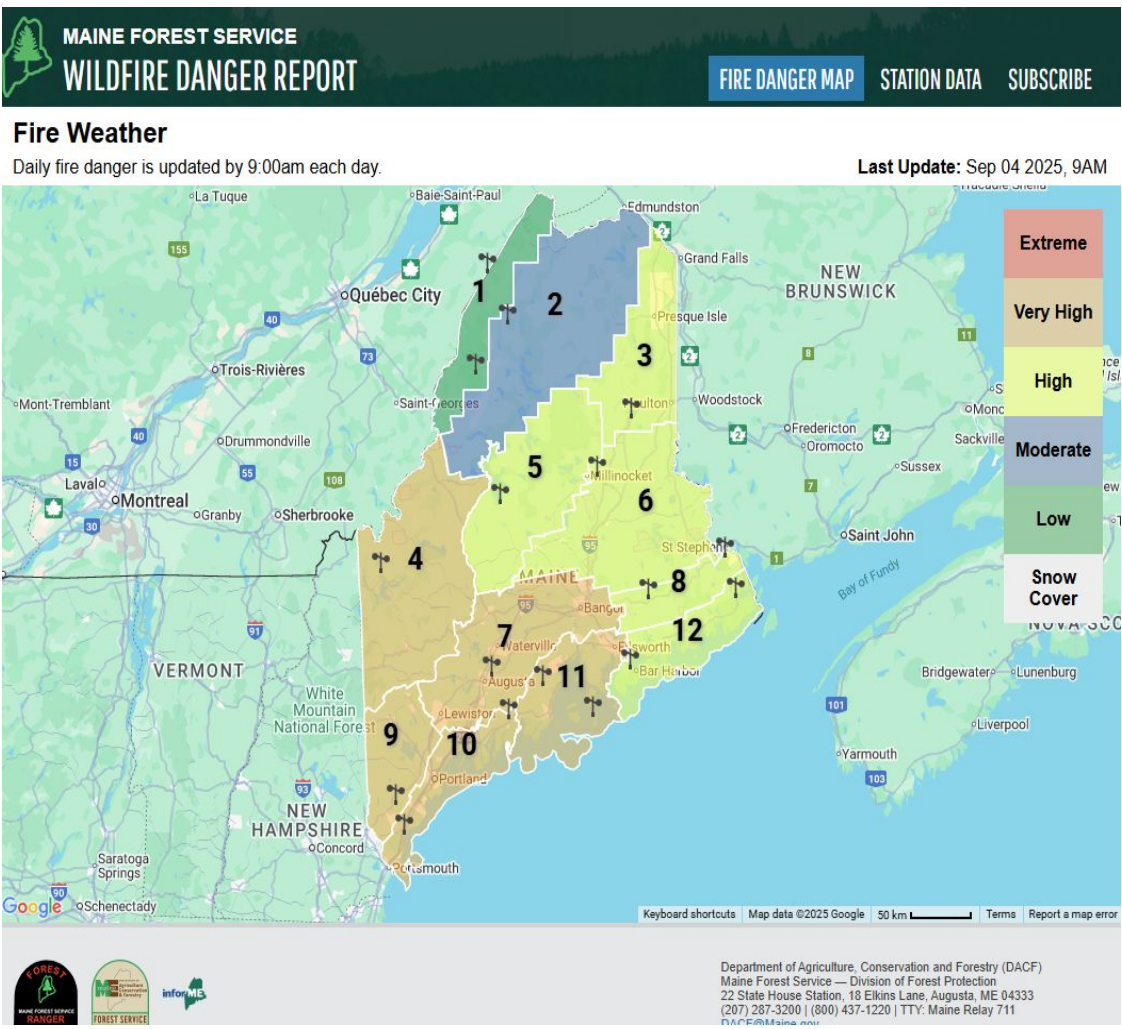


Image Captions:
[Maine Wildfire Danger Report](#)

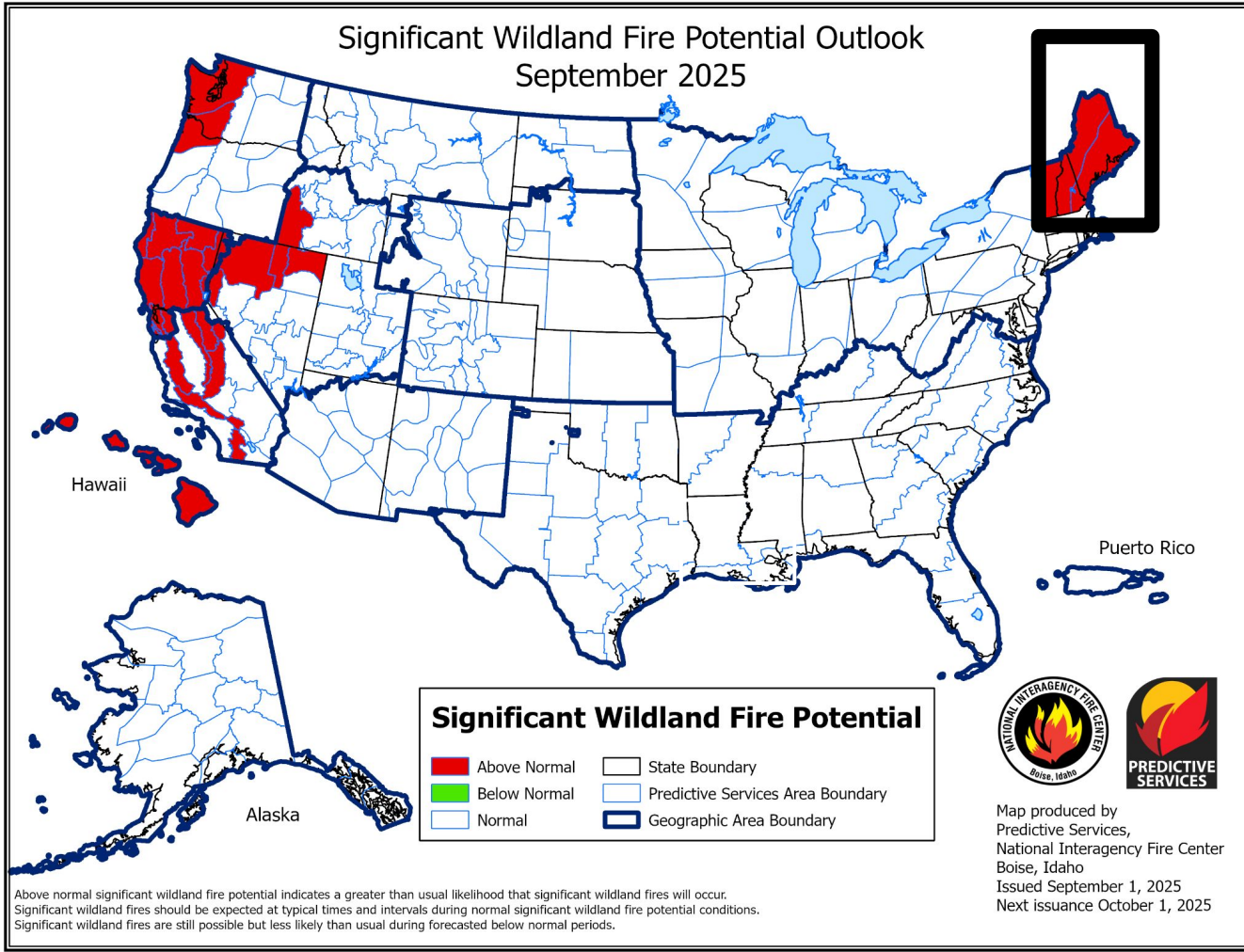
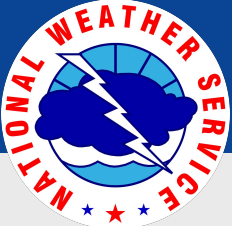


Image Captions:
[NIFC September Significant Fire Potential Outlook](#)



Seven Day Precipitation Forecast

September 4, 2025
1:22 PM EDT

- A dynamic system this weekend will bring another soaking rain to much of the state with the least amounts likely Downeast.
- Drier weather returns for much of next week, with little to no precipitation.
- Next 7 days features wetting rains for the northern areas near and northwest of I-95, but no drought busting rains in southern areas.

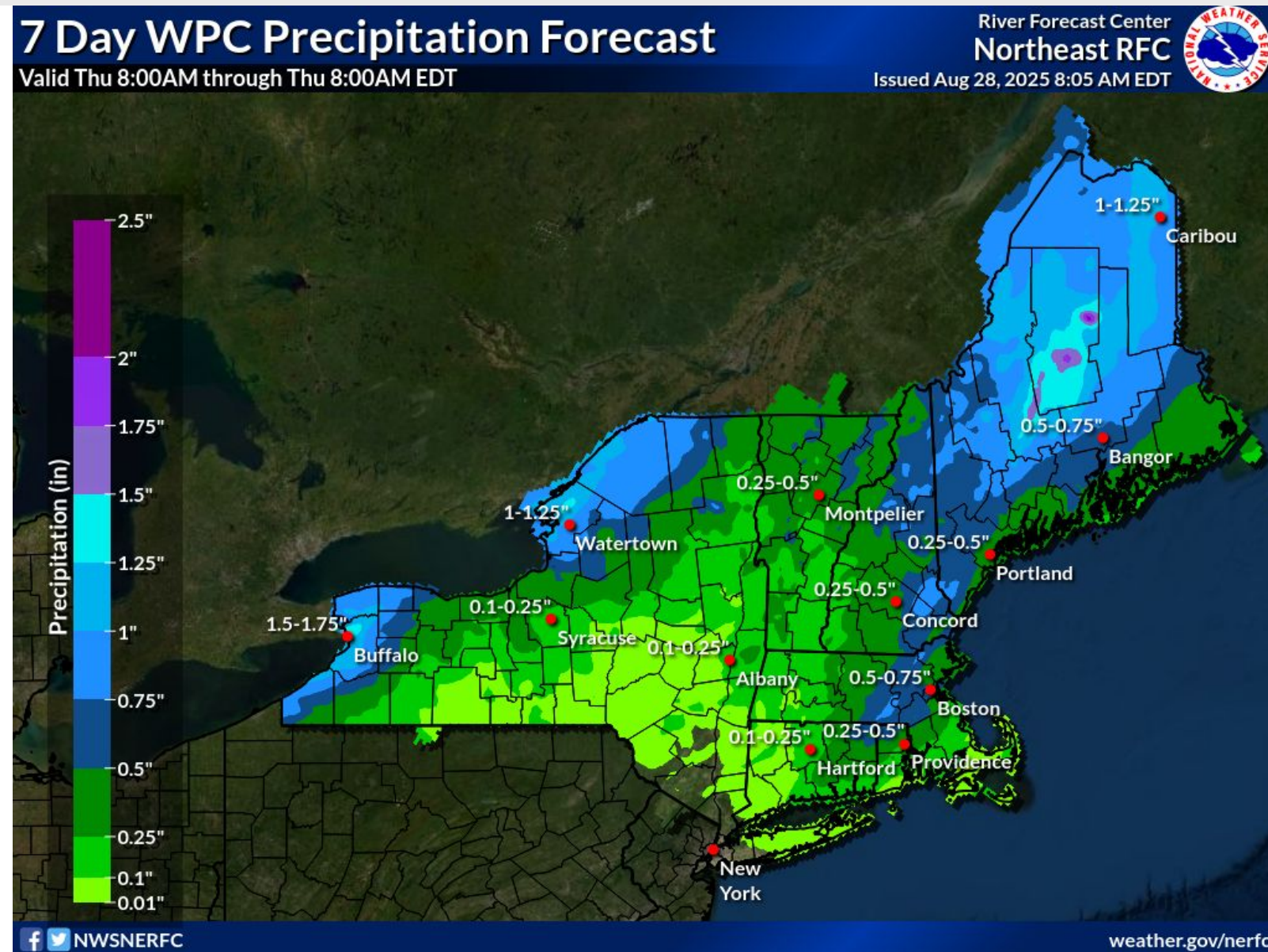


Image Caption: Weather Prediction Center [7-day precipitation forecast](#)
valid 09/04 8AM to 09/11 8AM



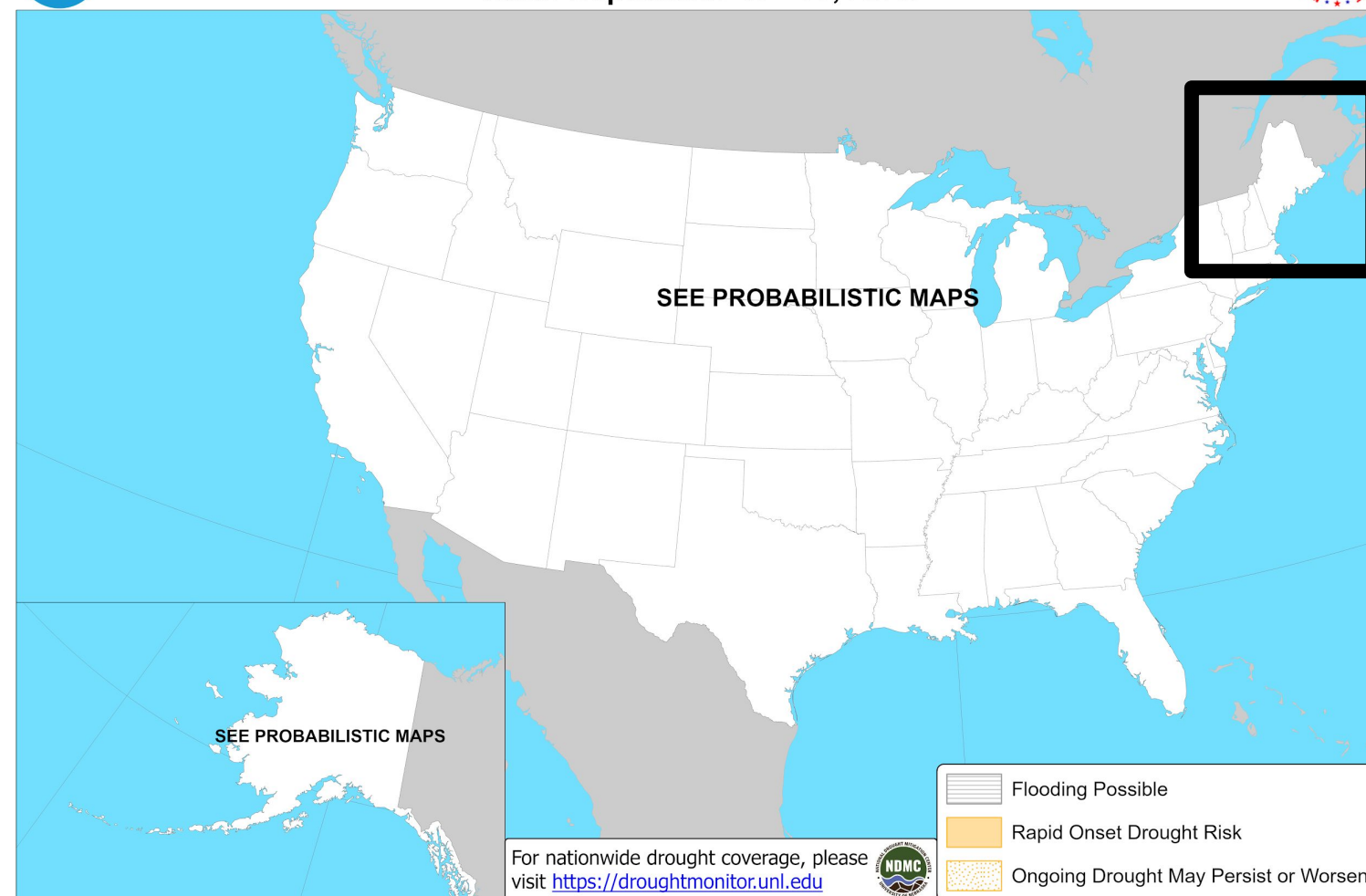
Rapid Onset Drought Outlook

September 4, 2025
1:22 PM EDT

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



Days 8-14 U.S. Hazards Outlook Valid: September 11 - 17, 2025



Climate Prediction Center

Released: September 3, 2025 3:00 PM EDT

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www.cpc.ncep.noaa.gov



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National Weather Service
Caribou, ME



8 to 14 Day Outlooks

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

Main Takeaways for 2 Weeks from now:

- Temperatures forecast to be *near normal*.
- Precipitation forecast to be *slightly below normal*.

Possible Impact

- Without above average rainfall, precipitation deficit will persist.

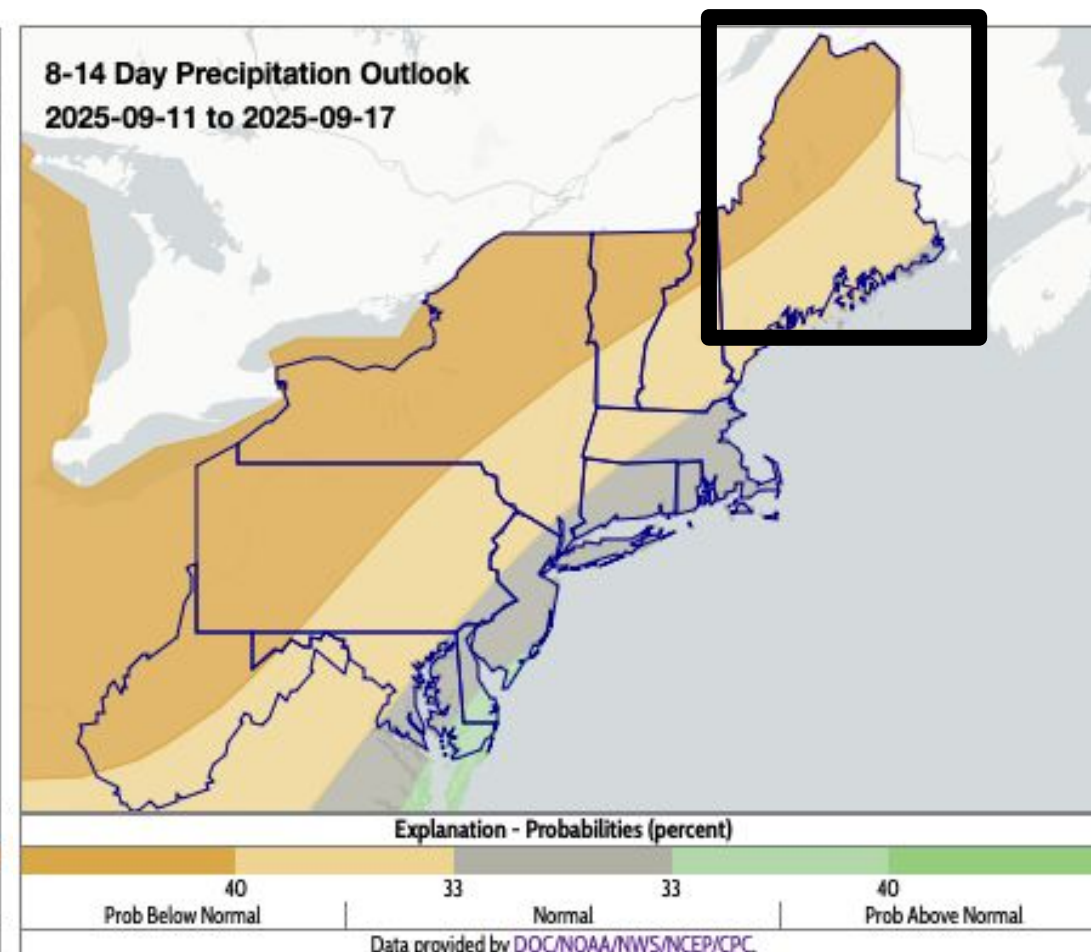
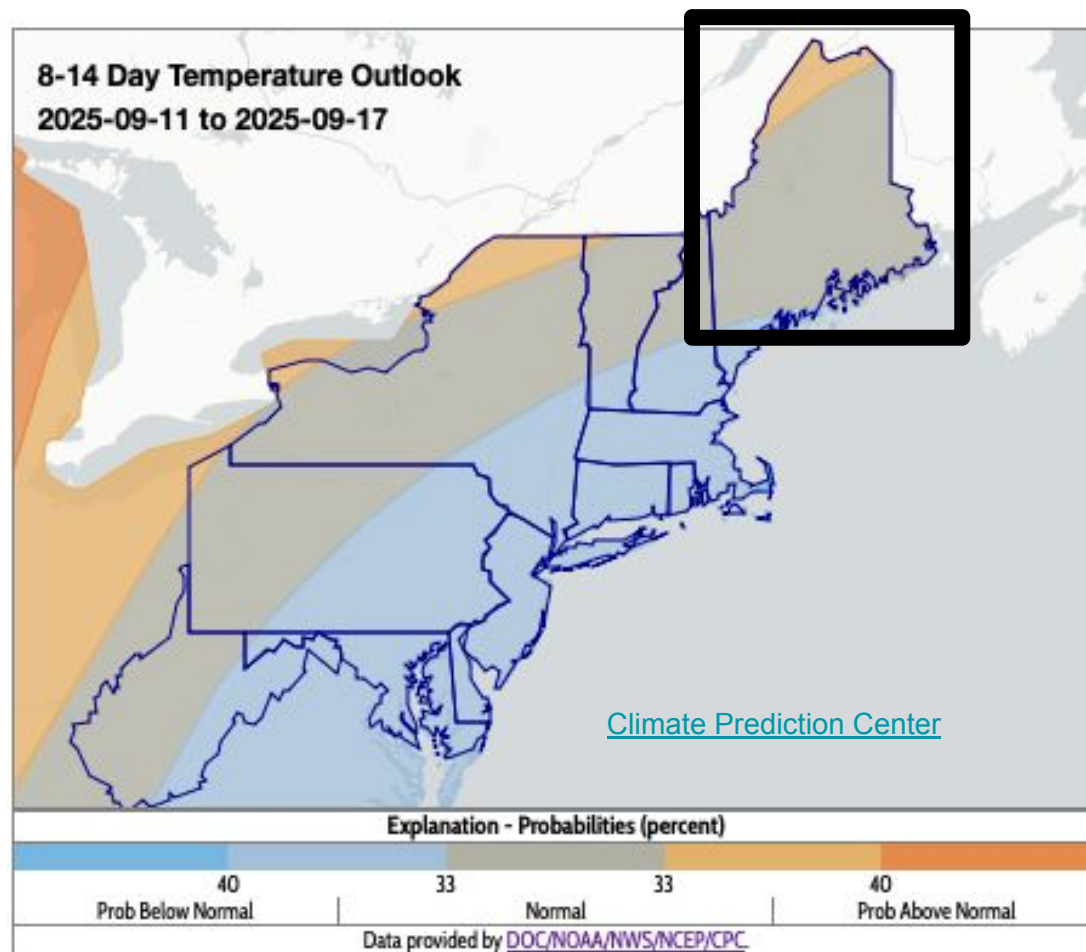
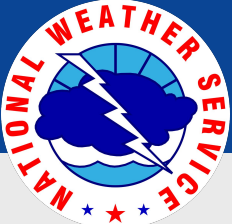


Image Captions:

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

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

Valid Sep 11 to 17.



Long Range Outlooks

September 4, 2025
1:22 PM EDT

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

Main Takeaways for the Next Month:

- *No strong signal for temperatures.*
- *No strong signal for precipitation.*

Possible Impact

- Despite having some below average temperatures in the short term, no strong signal above/below will likely result in near normal conditions. No strong signals on precipitation. Precipitation will still mainly rely on showers with passing cold fronts.

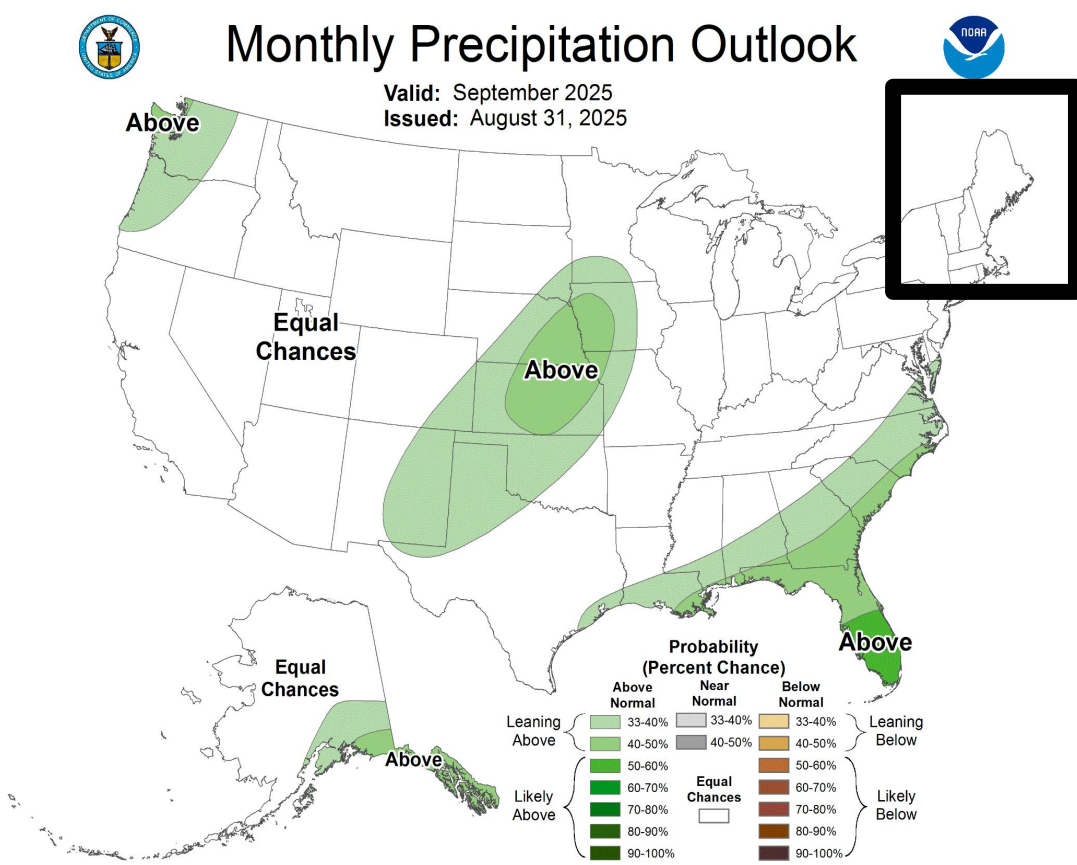
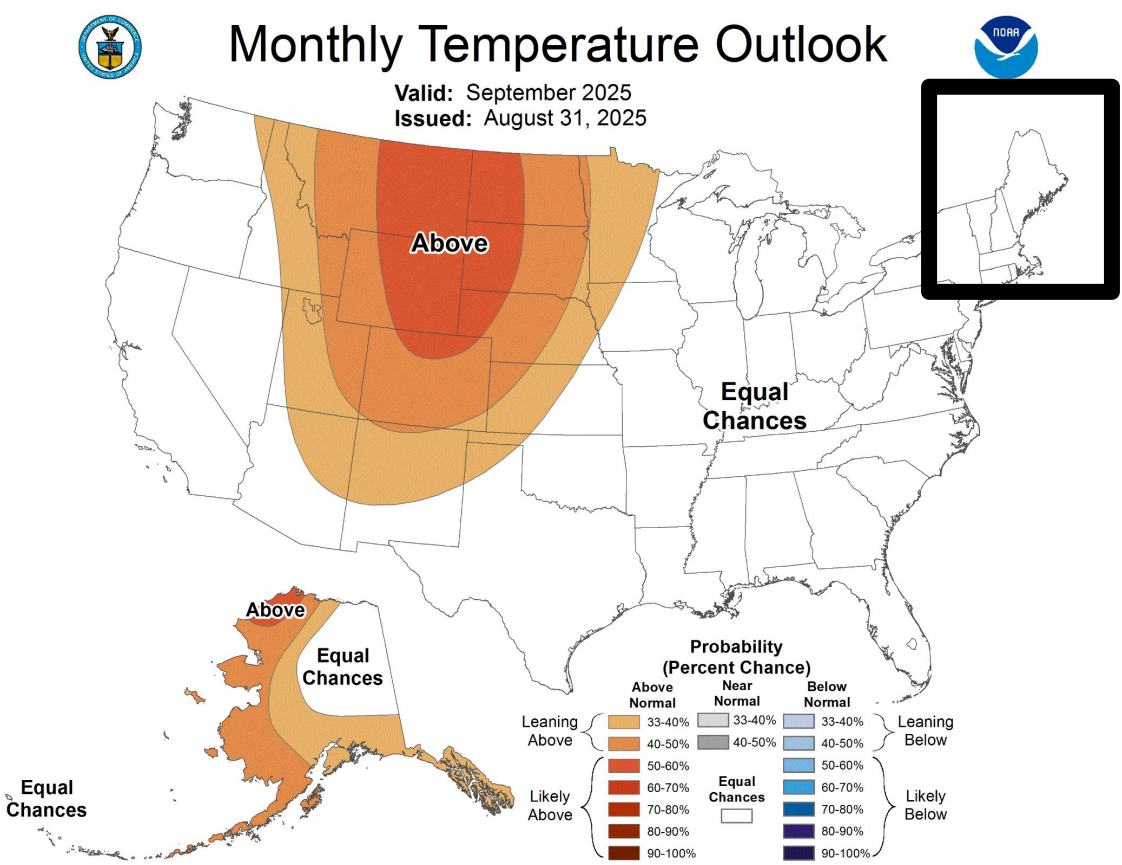
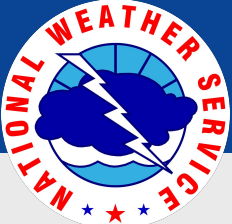


Image Captions:
Left - [Climate Prediction Center One Month Temperature Outlook.](#)
Right - [Climate Prediction Center One Month Precipitation Outlook.](#)
Valid Sep 2025.





Drought Outlook

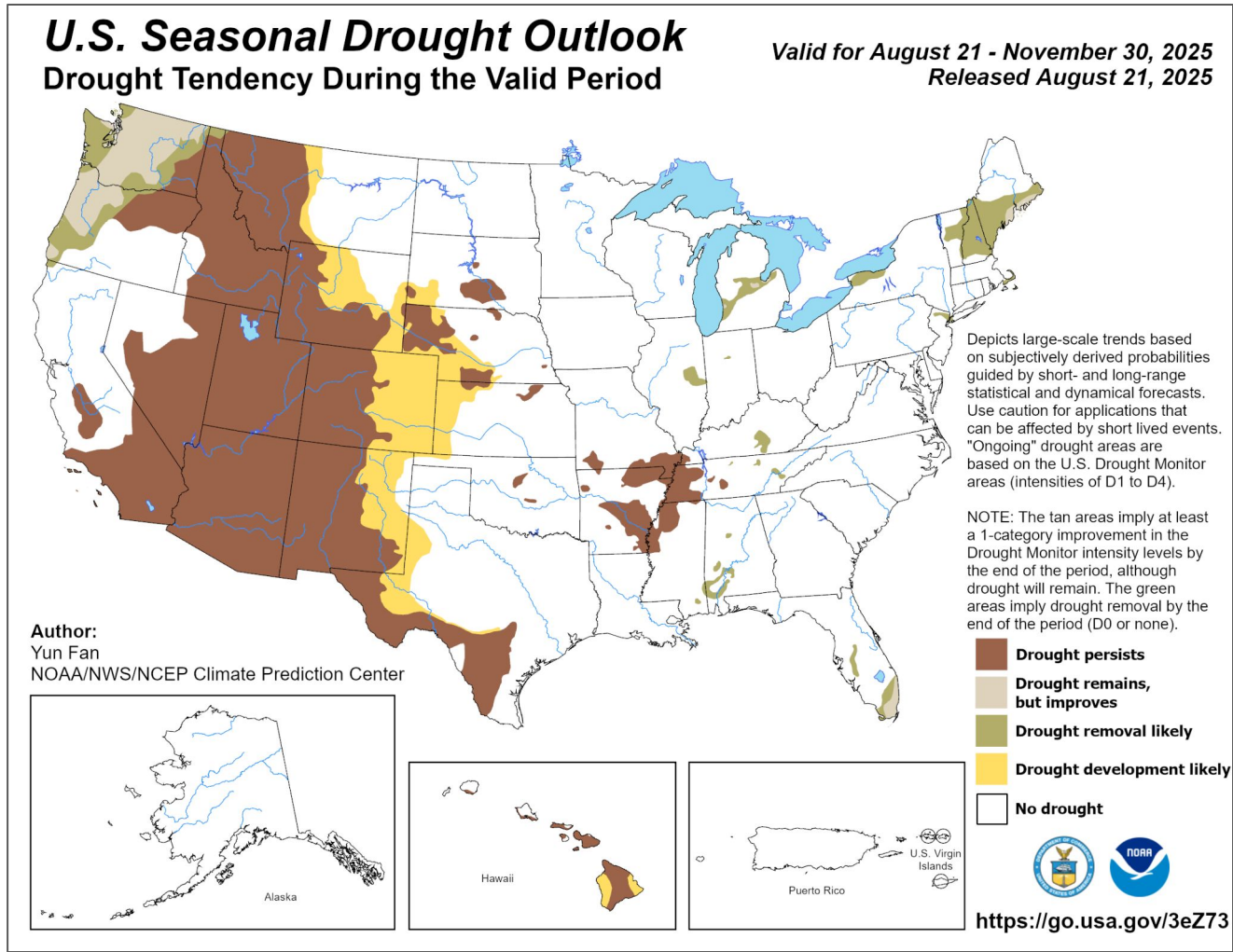
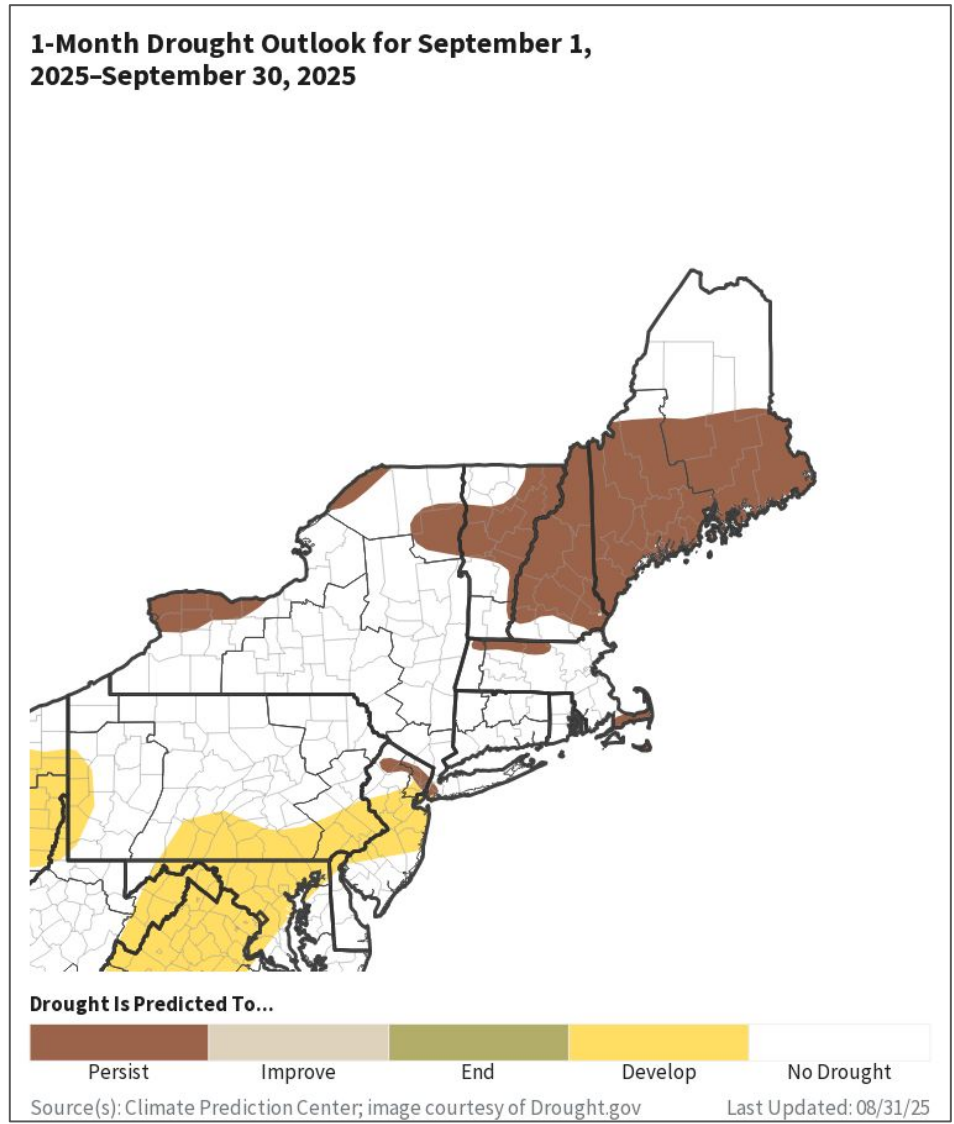
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

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.

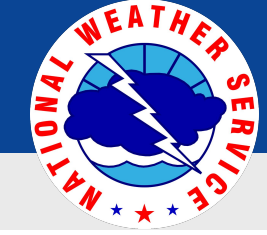


Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)





Main Takeaways

September 4, 2025
1:22 PM EDT

- The drought was driven by periods of warm 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 mid September.

Contact Information

Web

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

Questions? Email

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- Donald.dumont@noaa.gov

