

# Drought Information Statement for Eastern/Central VA, NE NC and Lower MD Eastern Shore

## Valid November, 07, 2024

Issued By: NWS Wakefield, VA

Contact Information:

- This product will be updated November, 21, 2024 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/akq/DroughtInformationStatement> for previous statements.

- INITIAL ISSUANCE
- DROUGHT CONDITIONS WORSENING.
- SEVERE DROUGHT COVERS MUCH OF THE LOWER MD EASTERN SHORE AND THE NORTHERN NECK OF VIRGINIA



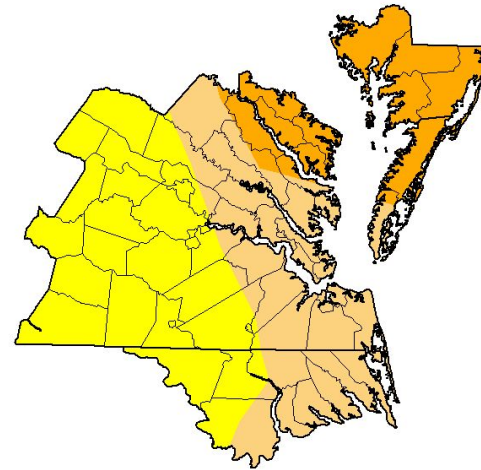


# U.S. Drought Monitor

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

- Drought intensity and Extent
  - **D2 (Severe Drought)**: Lower MD and VA Eastern Shore, Northern Neck of VA.
  - **D1 (Moderate Drought)**: Much of the area east of I-95.
  - **D0: (Abnormally Dry)**: Remainder of the local area.

## U.S. Drought Monitor Wakefield, VA WFO



**November 5, 2024**  
(Released Thursday, Nov. 7, 2024)  
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	0.00	100.00	52.73	18.35	0.00	0.00
<b>Last Week</b> 10-29-2024	0.00	100.00	33.63	2.25	0.00	0.00
<b>3 Months Ago</b> 08-06-2024	79.93	20.07	5.41	0.36	0.00	0.00
<b>Start of Calendar Year</b> 01-01-2024	82.11	17.89	2.47	0.00	0.00	0.00
<b>Start of Water Year</b> 10-01-2024	83.76	16.24	0.00	0.00	0.00	0.00
<b>One Year Ago</b> 11-07-2023	17.64	82.36	5.69	0.00	0.00	0.00

*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:*

Brian Fuchs  
National Drought Mitigation Center



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)



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

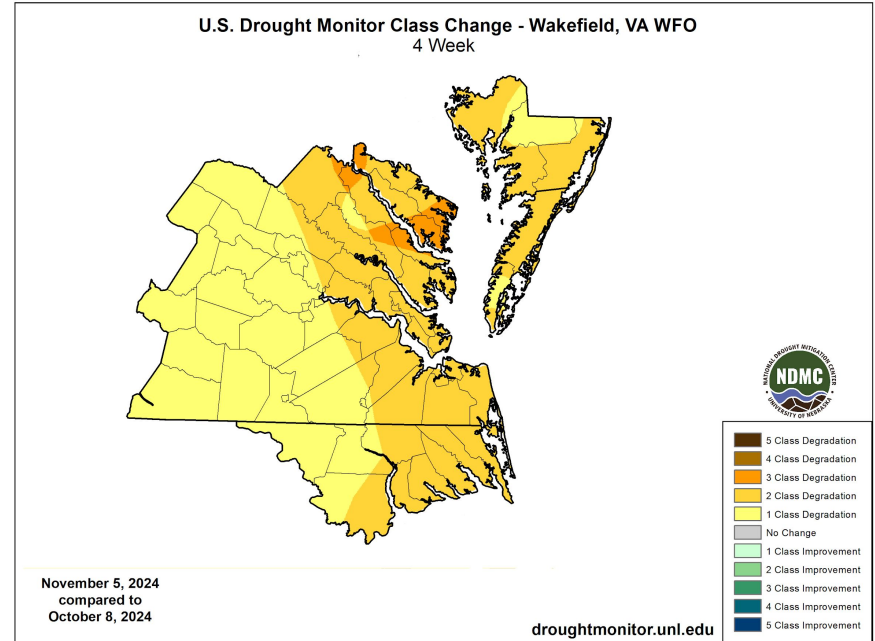
National Weather Service  
Wakefield, VA



# Recent Change in Drought Intensity

Link to Latest [4-week change map](#)

- Four Week Drought Monitor Class Change.
  - Drought Worsened: Over the past 4 weeks, the entire region has see worsening drought conditions, with the largest change mainly east of I-95.

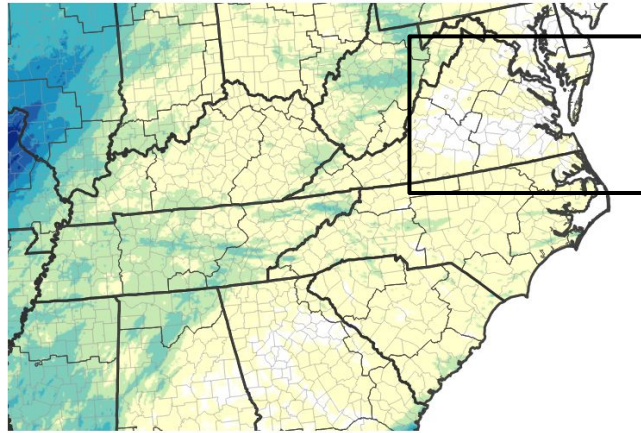




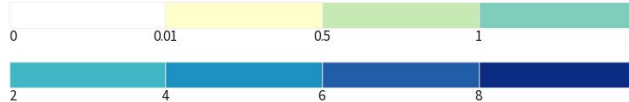
# Precipitation

- Little or no precipitation has fallen across the region over the last 30 days.
- In fact, some stations are recording their longest stretch of precipitation free days.

30-Day Precipitation Accumulations (Inches)

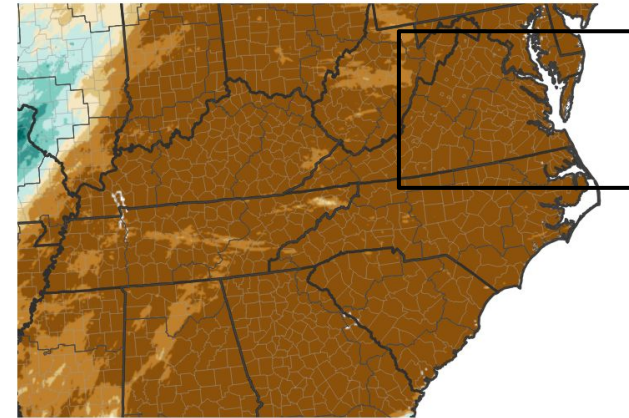


Inches of Precipitation

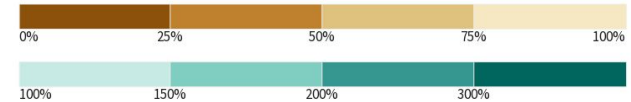


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 11/06/24

30-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 11/06/24





# Summary of Impacts

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

## Hydrologic Impacts

- River Streamflows and subsurface water levels have gradually dropped over the past few weeks. Streamflow across the MD eastern shore and parts of central Virginia are below or much below normal.

## Fire Hazard Impacts

- There is an above normal wildfire risk for much of the region for the month of November

## Mitigation Actions

- State of Virginia continues the drought watch for much of eastern Virginia
- State of Maryland continues the drought watch for the eastern shore.
- A drought advisory is in effect for all of North Carolina

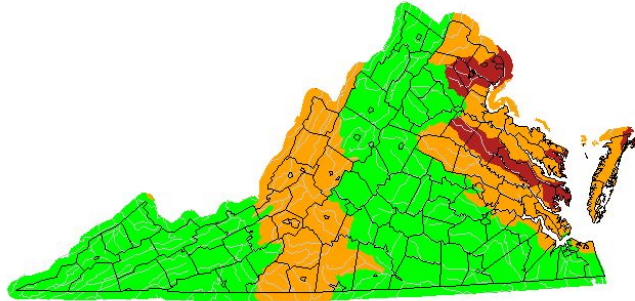




# Hydrologic Conditions and Impacts

- Below to much below normal streamflows are currently observed across the VA/MD Eastern Shore and the Northern Neck and Middle Peninsula of Virginia

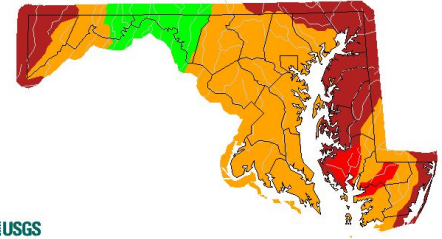
Hednesday, November 06, 2024



USGS

Virginia

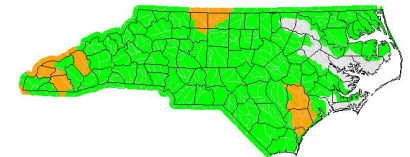
Hednesday, November 06, 2024



USGS

MD

Hednesday, November 06, 2024



USGS

NC

Image Caption: USGS 7 day average streamflow HUC map valid 11/07/2024

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

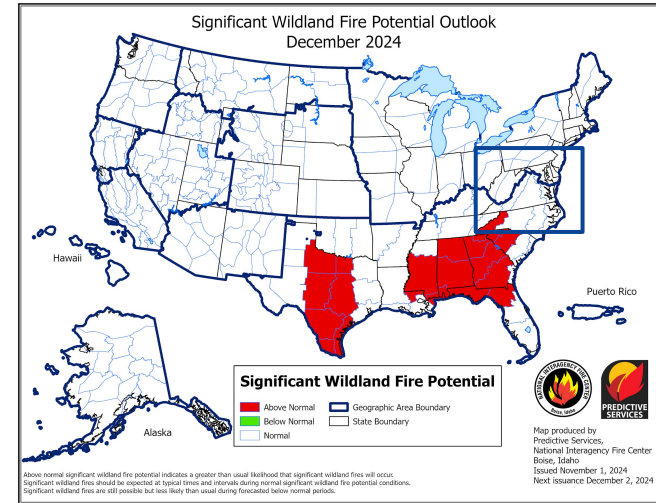
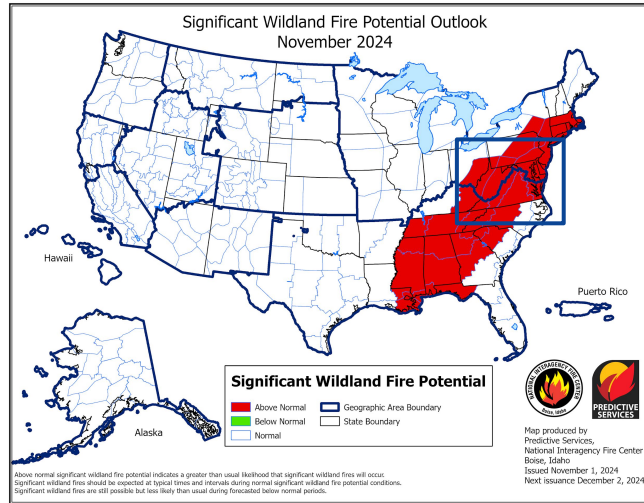




# Fire Hazard Impacts

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

- Due to the lack of rainfall combined with falling leaves and low fuel moisture, there is an above normal risk for wildfire potential across much of the area in November.

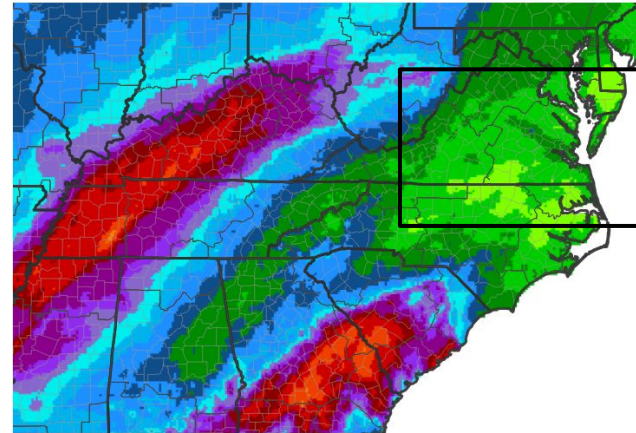




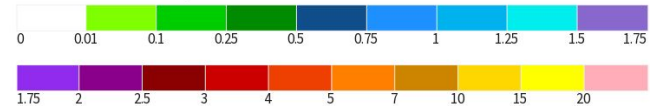
# Seven Day Precipitation Forecast

- Although some places will see light precipitation over the next week, significant precipitation causing improvement to the drought conditions is unlikely. Most places will see less than 0.25" of rain for the next week.

7-Day Quantitative Precipitation Forecast for November 6, 2024–November 13, 2024



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 11/06/24





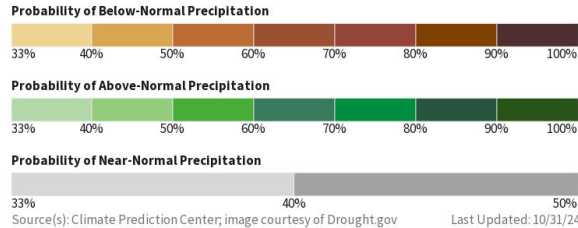
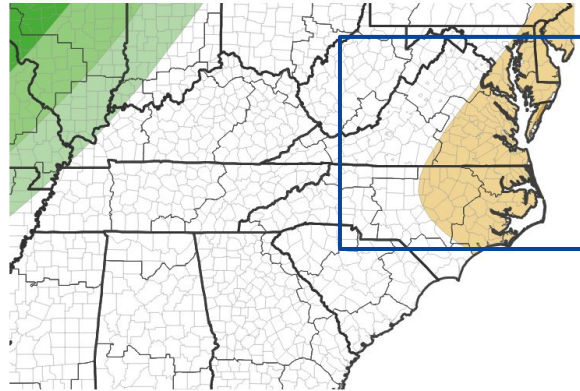


# Long-Range Outlooks

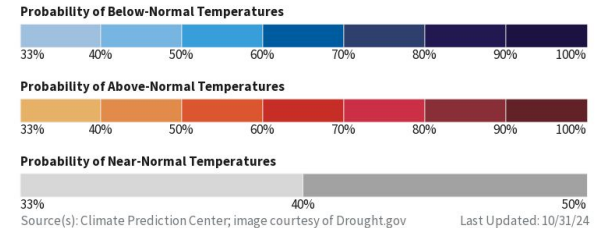
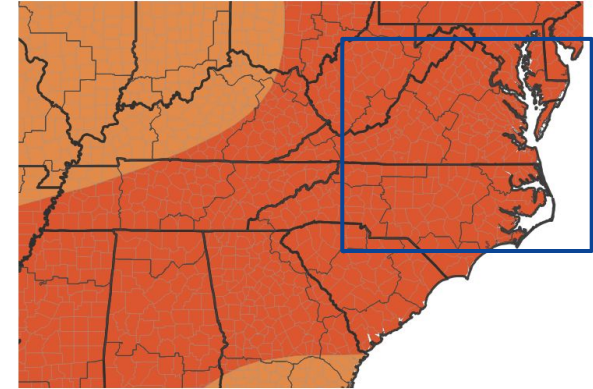
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- At or below normal precipitation is favored for much of the region in November.
- Above normal temperatures are favored for the month of November.

Monthly Precipitation Outlook for November 1, 2024–November 30, 2024



Monthly Temperature Outlook for November 1, 2024–November 30, 2024



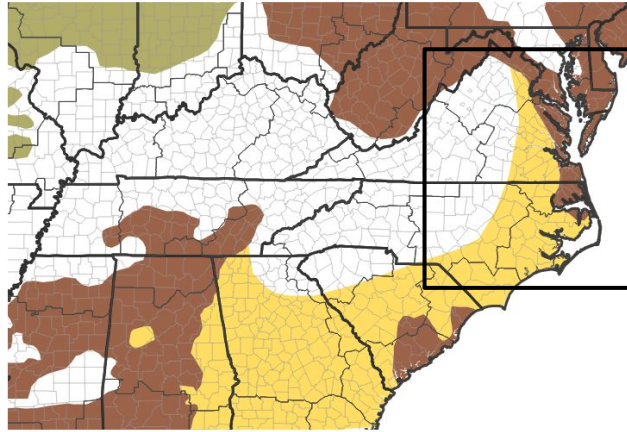


# Drought Outlook

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

- Over the next month, drought conditions are expected to persist or develop over much of the region.
- Throughout the winter, some locations in eastern Virginia into Maryland may see gradual improvement in drought conditions.

**1-Month Drought Outlook for November 1, 2024–November 30, 2024**



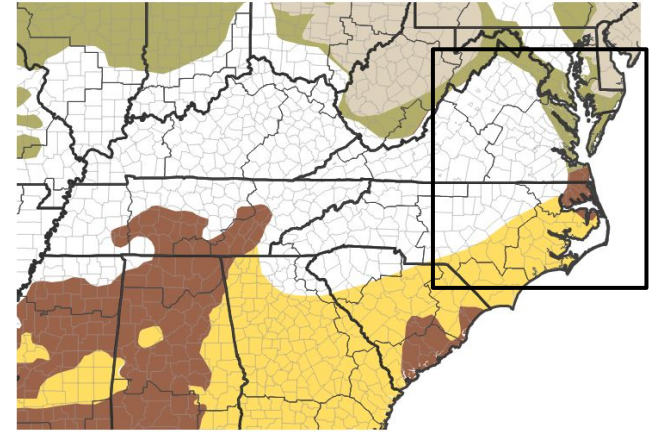
Drought Is Predicted To...



Source(s): Climate Prediction Center; image courtesy of Drought.gov

Last Updated: 10/31/24

**Seasonal (3-Month) Drought Outlook for October 31, 2024–January 31, 2025**



Drought Is Predicted To...



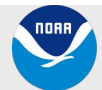
Source(s): Climate Prediction Center; image courtesy of Drought.gov

Last Updated: 10/31/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



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

National Weather Service  
Wakefield, VA