

North Carolina Drought Update

Created By:

North Carolina
Drought Management Advisory Council

www.ncdrought.org

NORTH CAROLINA
CLIMATE OFFICE

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NC STATE

For the assessment period ending **Oct. 22, 2024**
From the US Drought Monitor, with input from the NC DMAC

The Main Takeaway

Abnormally Dry (D0) conditions have emerged in parts of northeastern NC in response to increasing rainfall deficits over the past two months across that region.

This Week's Summary

A bone dry October is continuing statewide, with areas including Asheville, Charlotte, Raleigh, and Wilmington seeing just 0.01 inches of rain so far this month. While our current stretch of dry days is reminiscent of June, the recent cooler temperatures and lingering moisture from our September storms has made for a much slower spread of dry conditions and drought this time.

Next Week's Outlook

A cold front moving through late Saturday night will bring a big cooldown plus a slight chance of showers, if moisture along the front makes it over the mountains.

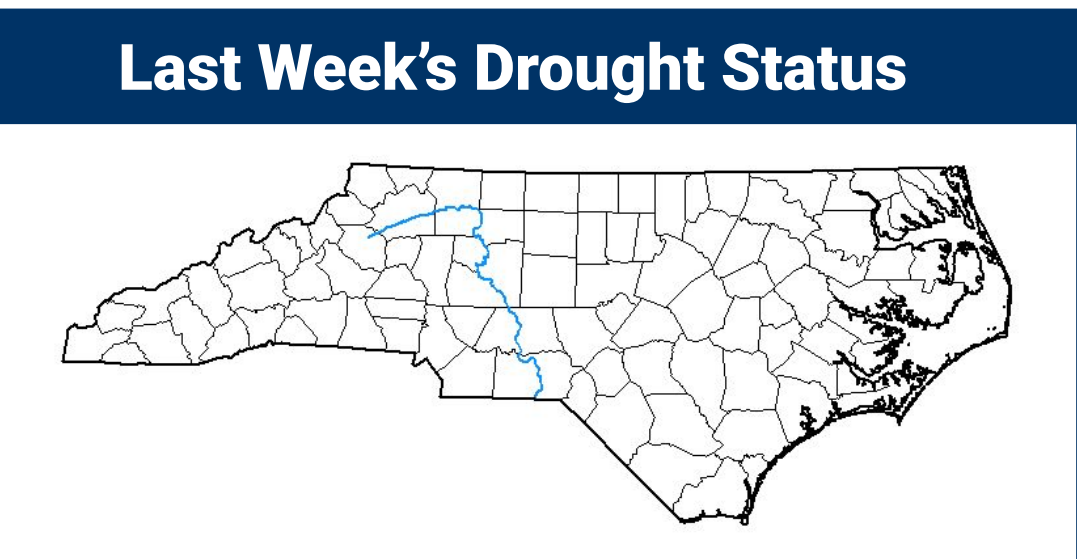
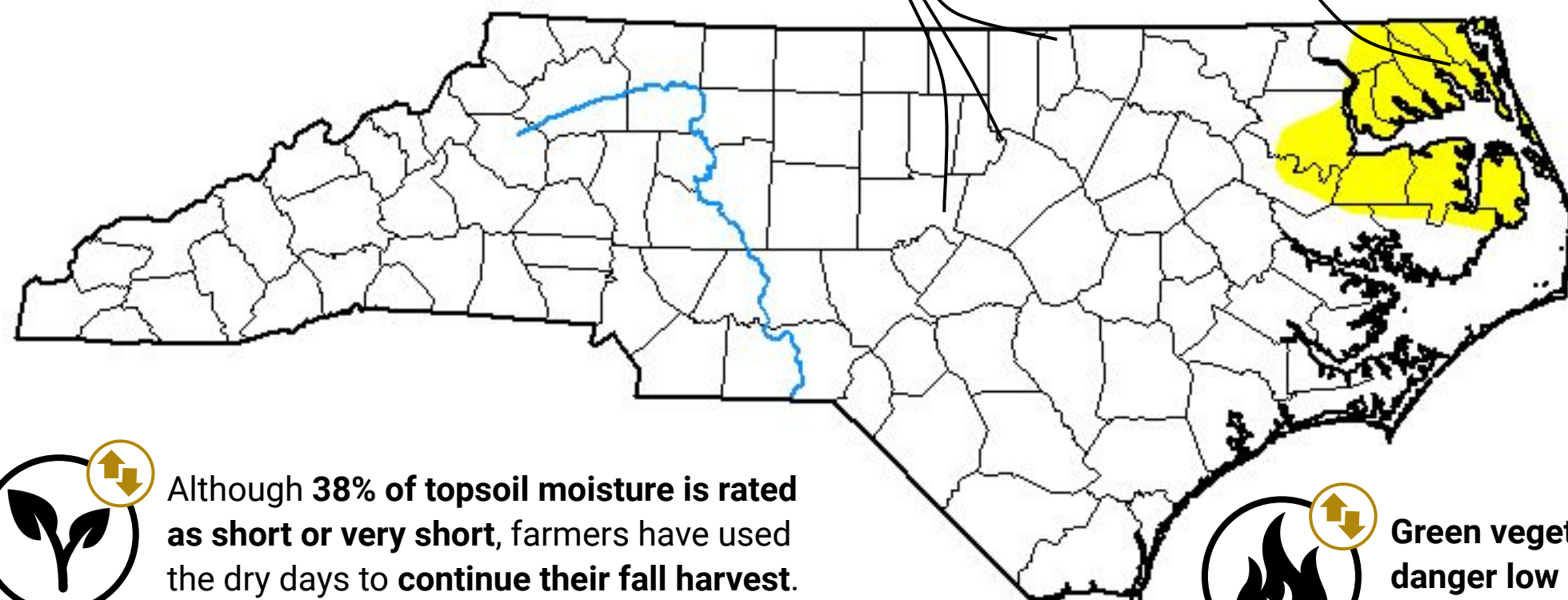
For your local drought status, visit www.ncdrought.org

Falls, Jordan, and Kerr lakes have only received **about half of their typical inflows** over the past week, but they each **remain near their target level**.

On a steady decline since late August, **groundwater levels in Elizabeth City are on the verge of falling below normal**.

Although **38% of topsoil moisture is rated as short or very short**, farmers have used the dry days to **continue their fall harvest**.

Green vegetation is keeping fire danger low for now, but **less humid fall days may soon ramp up that risk**.



Statewide Coverage by Category

Category	Current Coverage	Change Since Last Week
D0: Abnormally Dry	6.59%	+6.59%
D1: Moderate Drought	0.00%	0.00%
D2: Severe Drought	0.00%	0.00%
D3: Extreme Drought	0.00%	0.00%
D4: Exceptional Drought	0.00%	0.00%