



North Carolina Drought Management Advisory Council Annual Meeting

September 18, 2025

Klaus Albertin
NC Division of Water Resources
Chair, NC Drought Management Advisory Council

<http://www.ncdrought.org>

INTRODUCTIONS

- **(10:00 AM) Introductions:** Klaus Albertin, *Chair*, Drought Management Advisory Council
- **(10:05 AM) Welcome:** David Smith, *Chief Deputy Commissioner*, NC Agriculture & Consumer Services
- **(10:10 AM) Opening Remarks:** John Nicholson, *Chief Deputy Secretary*, NC Department of Environmental Quality

PRESENTATIONS

- **(10:15 AM) Drought Assessment Reports**
 - Climate Overview: Corey Davis, State Climate Office
 - Weather: Short and Long-Term Forecast: Barrett Smith, National Weather Service
 - Streamflow: Sarina Little, U.S. Geological Survey
 - Groundwater: Mark Durway, Division of Water Resources
 - Reservoirs: Phil Fragapane, Duke Energy; Edward Woodley, USACE; Harold Brady, NC DEQ presenting for Cube Hydro and TVA
 - Forest Resources: Jamie Dunbar, NC Forest Services
 - Agriculture: Mike Yoder, Cooperative Extension Service, NCSU
- **(11:45 AM) Wrap Up:** Klaus Albertin, DMAC
- **(12:00 AM) End of Official DMAC Meeting**

**§ 143-355.1.(d) Drought Management Advisory Council;
drought advisories.**

*The Department shall designate an employee of the Department to serve as Chair of the Council. **The Council shall meet at least once in each calendar year in order to maintain appropriate agency readiness and participation.** In addition, the Council shall meet on the call of the Chair to respond to drought conditions. The provisions of Article 33C of this Chapter apply to meetings of the Council.*

Partners Organizations



Public Staff
Water and Sewer Division



US Army Corps
of Engineers®



FEMA

§143.355.1 Drought Management Advisory Council

- **To improve coordination** among local, State, and federal agencies; public water systems, and water users **to improve the management and mitigation of the harmful effects of drought.**
- **To provide consistent and accurate information on drought conditions** in the State to the U.S. Drought Monitor, the Environmental Management Commission, the Secretary, the Environmental Review Commission, and the public.
- The Council shall consider **stream flows, ground water levels, the amount of water stored in reservoirs, precipitation, time of year, and other factors** that are relevant to determining the location and severity of drought conditions.
- Other factors include **soil moisture, agricultural conditions, forestry conditions, wildlife conditions, water demand, water restrictions, on the ground reports, etc.**

NCDMAC Assessment Process

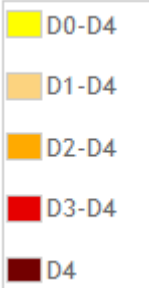
- Weekly Telecom Agenda
- Weather & Climate
 - Recent rainfall / Weather & CoCoRaHS Monitoring Reports – SCO
 - Short / Long Range Forecast – NWS
- Water Resources & Impacts
 - Streamflow / Groundwater – USGS, DWR
 - Reservoir levels – USACE, Duke Energy, TVA, Cube Hydro
 - Forestry – NCFS
 - Agriculture – Cooperative Extension/NCDA&CS
 - Water supply status, water restrictions, etc. – DWR-PWSS/WSPB
 - Water Quality – DWR-WSS
 - Wildlife – NCWRC
 - Other Agencies – NCDEM, NCUC, etc.
- Recommendations to US Drought Monitor Author

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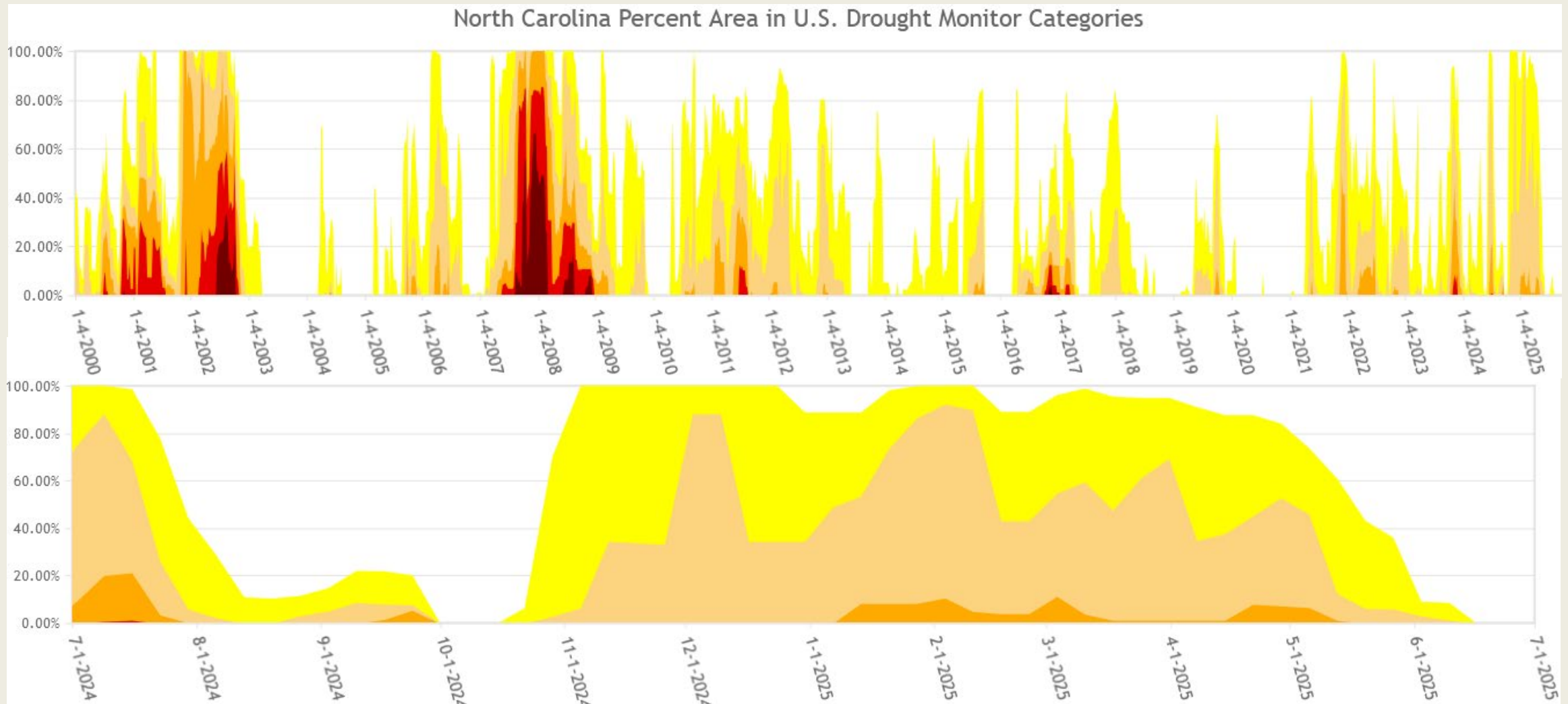
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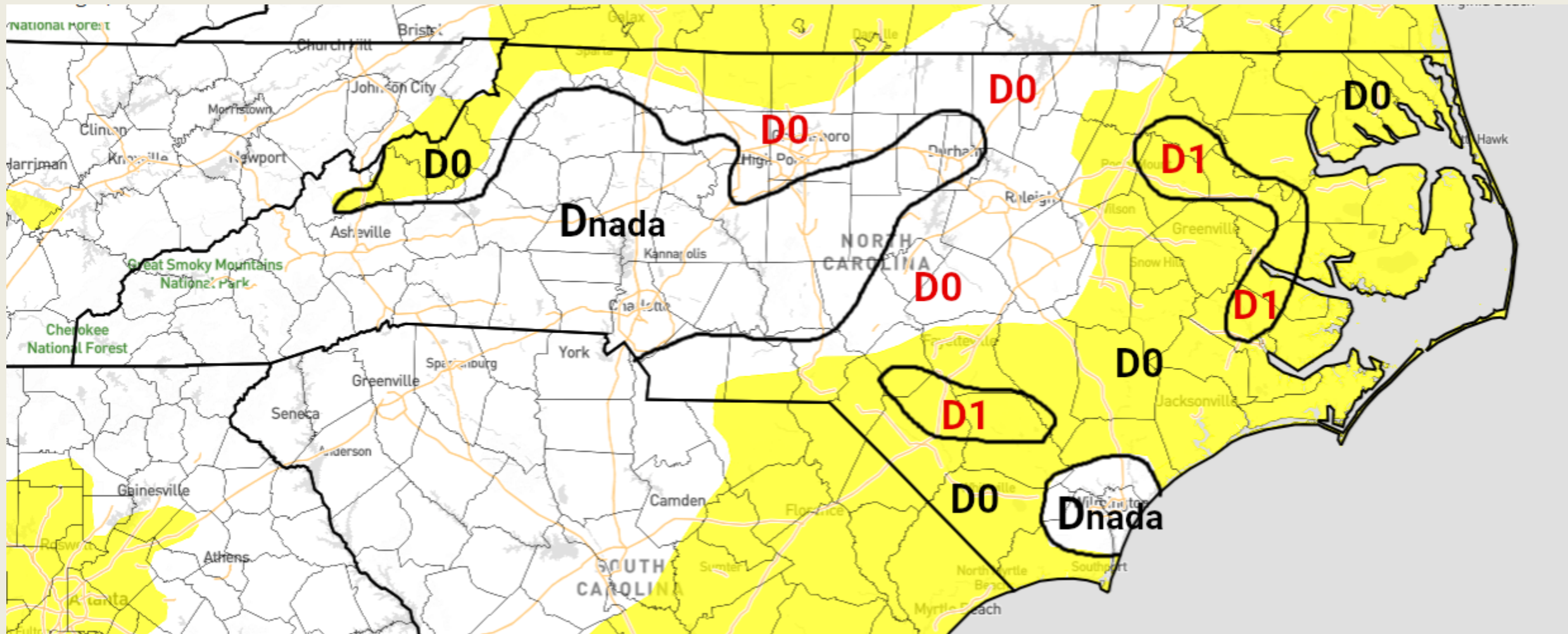
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U.S. Drought Monitor Statistics



This Week's Recommendations



Drought Management Advisory Council

Klaus Albertin

Chair, NC DMAC

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