



North Carolina Drought Management Advisory Council Annual Meeting

September 11, 2024

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

<http://www.ncdrought.org>

Agenda

OPENING

(1:00 PM) Welcome: David Smith, Chief Deputy Commissioner, NC Agriculture & Consumer Services

(1:05 PM) Opening Remarks: Linwood Peele, NC Environmental Quality

(1:10 PM) Introductions: Klaus Albertin, Chair, Drought Management Advisory Council

PRESENTATIONS

(1:15 PM) Drought Assessment Reports

- Climate Overview: Corey Davis, State Climate Office
- Weather: Short and Long-Term Forecast: Barrett Smith, National Weather Service
- Streamflow: Curtis Weaver, U.S. Geological Survey
- Groundwater: Mark Durway, Division of Water Resources
- Reservoirs: Phil Fragapane, Duke Energy; Harold Brady, NC DEQ presenting for USACE, Cube Hydro, and TVA
- Forest Resources: Jamie Dunbar, NC Forest Services
- Agriculture: Mike Yoder, Cooperative Extension Service, NCSU

(3:30 PM) Discussion of By-Laws: Klaus Albertin, DMAC

(3:45 PM) Wrap Up: Klaus Albertin, DMAC

(4:00 PM) 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.*

§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.**

Agenda

OPENING

(1:00 PM) Welcome: David Smith, Chief Deputy Commissioner, NC Agriculture & Consumer Services

(1:05 PM) Opening Remarks: Linwood Peele, NC Environmental Quality

(1:10 PM) Introductions: Klaus Albertin, Chair, Drought Management Advisory Council

PRESENTATIONS

(1:15 PM) Drought Assessment Reports

- Climate Overview: Corey Davis, State Climate Office
- Weather: Short and Long-Term Forecast: Barrett Smith, National Weather Service
- Streamflow: Curtis Weaver, U.S. Geological Survey
- Groundwater: Mark Durway, Division of Water Resources
- Reservoirs: Phil Fragapane, Duke Energy; Harold Brady, NC DEQ presenting for USACE, Cube Hydro, and TVA
- Forest Resources: Jamie Dunbar, NC Forest Services
- Agriculture: Mike Yoder, Cooperative Extension Service, NCSU

(3:30 PM) Discussion of By-Laws: Klaus Albertin, DMAC

(3:45 PM) Wrap Up: Klaus Albertin, DMAC

(4:00 PM) End of Official DMAC Meeting

Partners Organizations



Public Staff
Water and Sewer Division



US Army Corps
of Engineers®



FEMA

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
 - 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 Author

Agenda

OPENING

(1:00 PM) Welcome: David Smith, Chief Deputy Commissioner, NC Agriculture & Consumer Services

(1:05 PM) Opening Remarks: Linwood Peele, NC Environmental Quality

(1:10 PM) Introductions: Klaus Albertin, Chair, Drought Management Advisory Council

PRESENTATIONS

(1:15 PM) Drought Assessment Reports

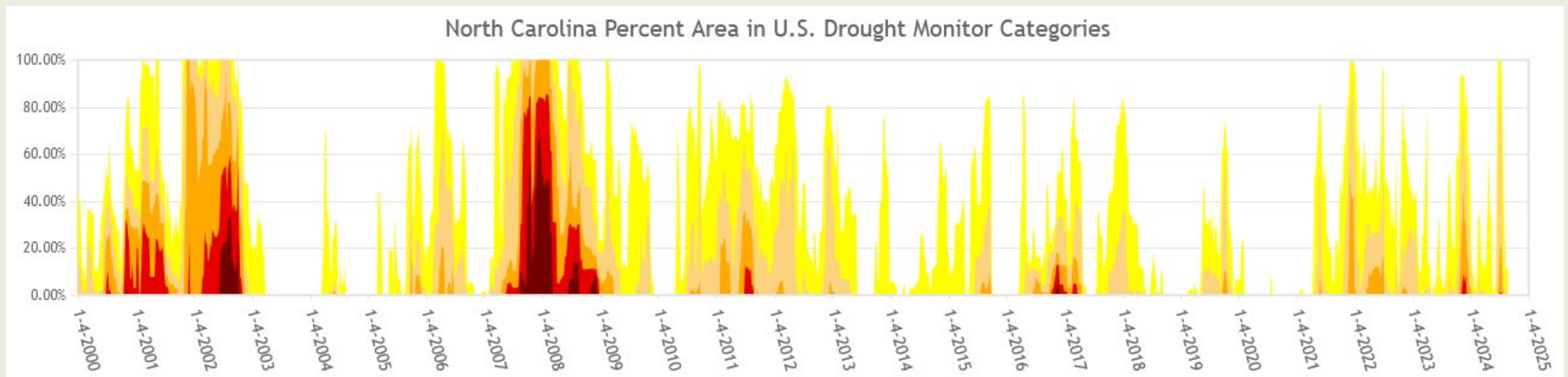
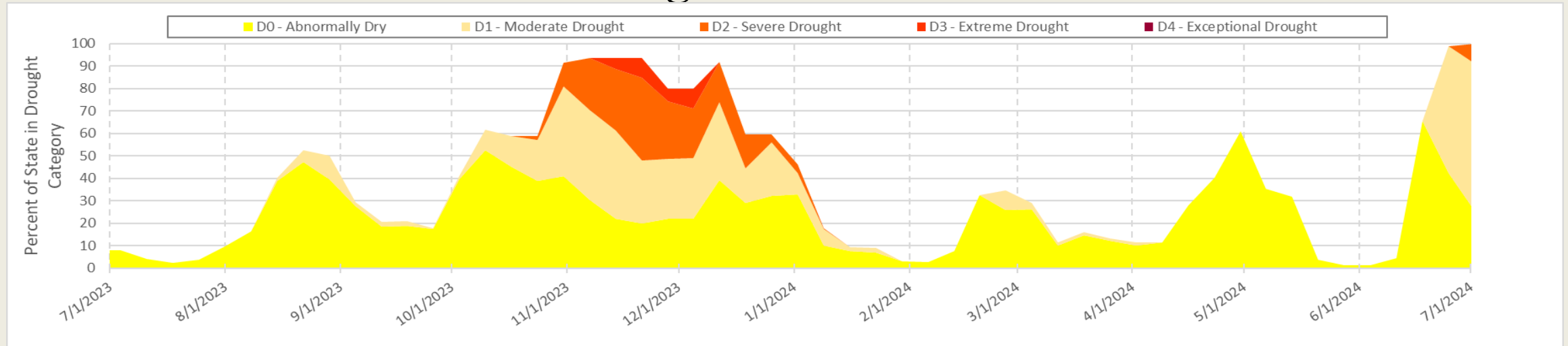
- Climate Overview: Corey Davis, State Climate Office
- Weather: Short and Long-Term Forecast: Barrett Smith, National Weather Service
- Streamflow: Curtis Weaver, U.S. Geological Survey
- Groundwater: Mark Durway, Division of Water Resources
- Reservoirs: Phil Fragapane, Duke Energy; Harold Brady, NC DEQ presenting for USACE, Cube Hydro, and TVA
- Forest Resources: Jamie Dunbar, NC Forest Services
- Agriculture: Mike Yoder, Cooperative Extension Service, NCSU

(3:30 PM) Discussion of By-Laws: Klaus Albertin, DMAC

(3:45 PM) Wrap Up: Klaus Albertin, DMAC

(4:00 PM) End of Official DMAC Meeting

U.S. Drought Monitor Statistics



NORTH CAROLINA
Drought Management
Advisory Council



NORTH CAROLINA
Drought Management
Advisory Council



NORTH CAROLINA
Drought Management
Advisory Council



NORTH CAROLINA
Drought Management
Advisory Council



This Week's Recommendations

Bylaws

- New legislation (S.L. 2024-45, Sec. 7) requires all State boards, committees, and commissions to submit bylaws, meeting minutes, and membership to the Legislative Library
- NC DWR is drafting bylaws for the DMAC
- The bylaws will primarily reiterate Statute § 143-355.1
- These should not significantly change how the DMAC currently functions



Klaus Albertin
Chair, NC DMAC
919-707-9035

klaus.albertin@deq.nc.gov

WWW.NCDROUGHT.ORG