

North Carolina Drought Management Advisory Council Annual Meeting

September 29, 2020

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

Partners Organizations



Public Staff
Water and Sewer Division



**§ 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.*

Agenda

INTRODUCTIONS

(10:00AM) Welcome: Linwood Peele, Supervisor DWR Water Supply Planning Branch

(10:05AM) Introductions: Klaus Albertin, Chair, Drought Management Advisory Council

PRESENTATIONS

(10:10AM) Drought Assessment Reports

- Climate Overview: Darrian Bertrand, State Climate Office
- Weather - Short and Long-Term Forecast: Barrett Smith, National Weather Service
- Groundwater: Nat Wilson, Division of Water Resources
- Streamflow: Curtis Weaver, U.S. Geological Survey
- Reservoirs: Ed Bruce, Duke Energy; Tony Young, USACE; Gary Springston, TVA; and Tim Poole, Cube Hydro
- Forest Resources: Cabe Speary, NC Forest Services
- Agriculture: Mike Yoder, Cooperative Extension Service, NCSU

(11:25AM) Wrap Up: Klaus Albertin, Chair, Drought Management Advisory Council

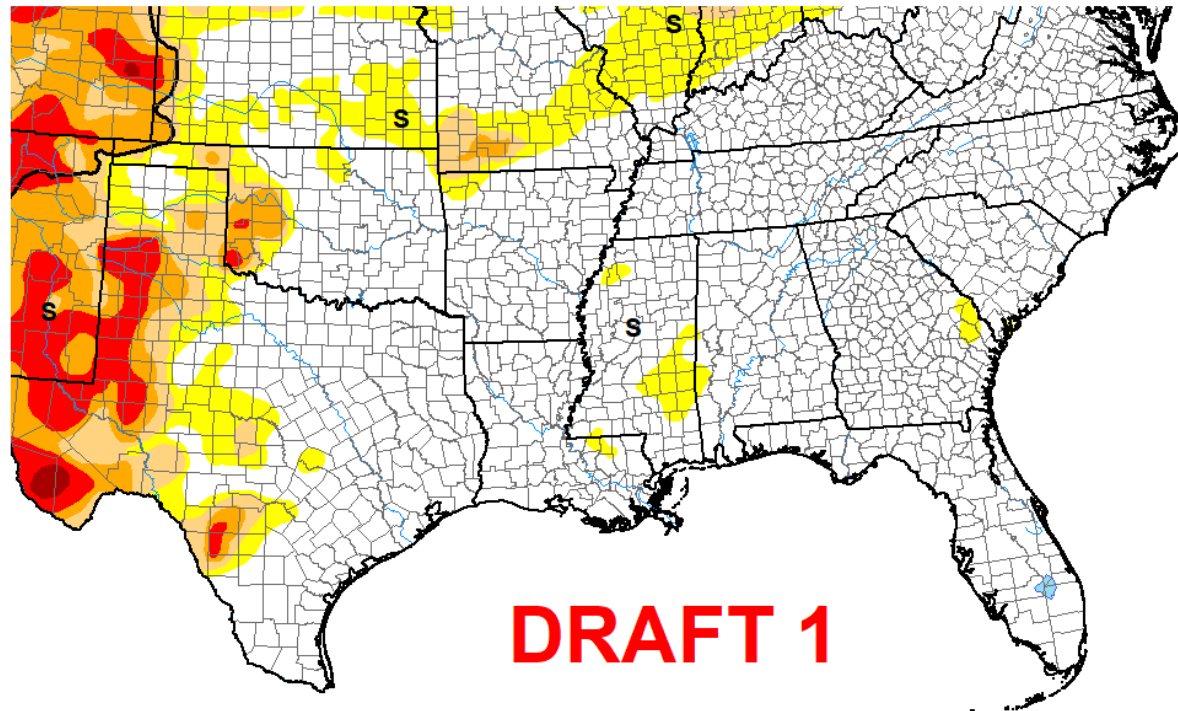
(11:30AM) End of Official DMAC Meeting

(11:35AM) Update on Project Nighthawk

- Project Overview and Status: Rebecca Ward and Corey Davis, State Climate Office
- Q&A

This Week's Assessment

U.S. Drought Monitor September 29, 2020 Valid 8 a.m. EDT



Intensity:

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

Drought Impact Types:

- Delineates dominant impacts
- A = Agricultural (crops, pastures, grasslands)
- H = Hydrological (water)
- (No type = Both impacts)



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