

North Carolina Drought Management Advisory Council Annual Meeting

April 12, 2018

Klaus Albertin
NC Division of Water Resources

**§ 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.**

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

Partners Organizations



Agenda

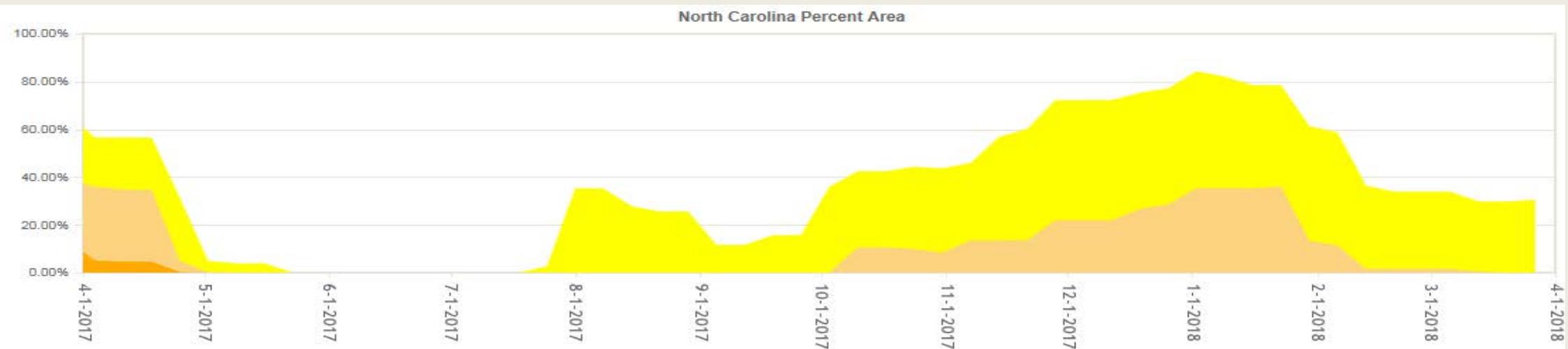
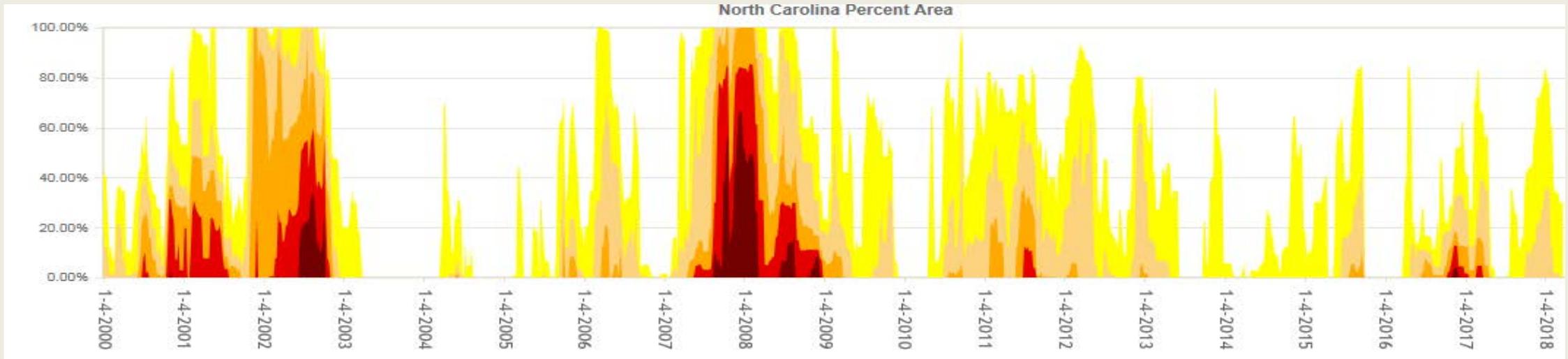
INTRODUCTIONS

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

PRESENTATIONS

- **(10:15AM) Drought Assessment Reports**
 - Climate Overview: Rebecca Ward, State Climate Office
 - Weather - Short and Long-Term Forecast: Mike Moneypenny, National Weather Service
 - Groundwater: Nat Wilson, Division of Water Resources
 - Streamflows: Curtis Weaver, U.S. Geological Survey
 - Reservoirs: Tony Young, U.S.A.C.E; Lynne Dunne, Duke Energy; Tim Poole, Cube Hydro; and Linwood Peele for Amanda Bowen, TVA
 - Forest Resources: Cabe Speary, NC Forest Services
 - Agriculture: Mike Yoder, Cooperative Extension Service, NCSU
 - Water Supply System Status: Rebecca Sadosky, DWR-PWSS
 - Other member reports as required
- **(11:45AM) Wrap Up:** Klaus Albertin, DMAC
- **(12:00PM) Adjourn**

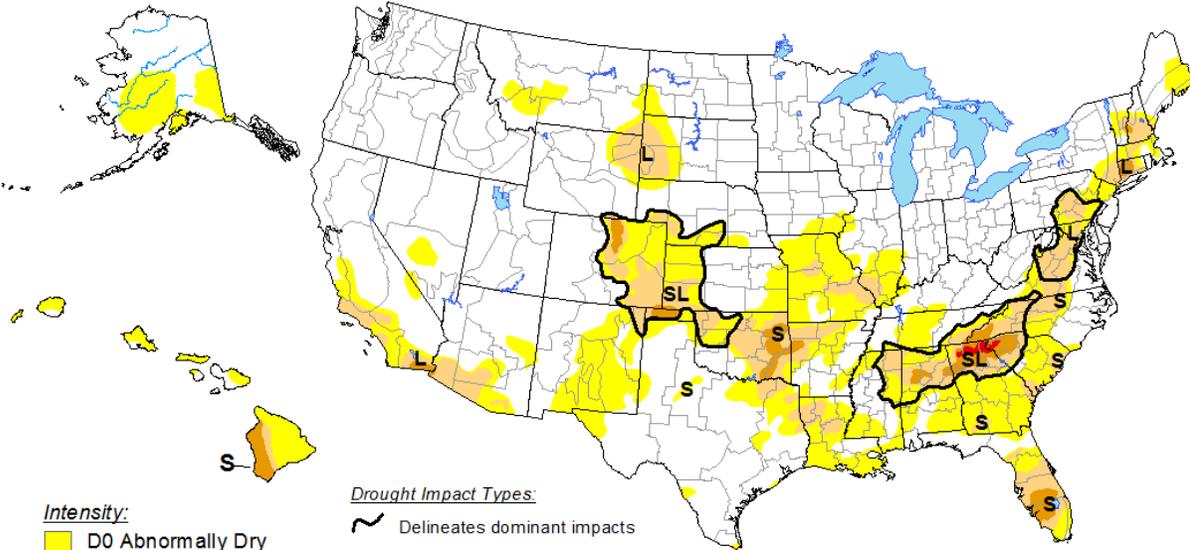
U.S. Drought Monitor Statistics



This Week's Assessment

U.S. Drought Monitor

April 4, 2017
Valid 7 a.m. EST



Intensity:

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

Drought Impact Types:

- Delineates dominant impacts
- S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically >6 months (e.g. hydrology, ecology)

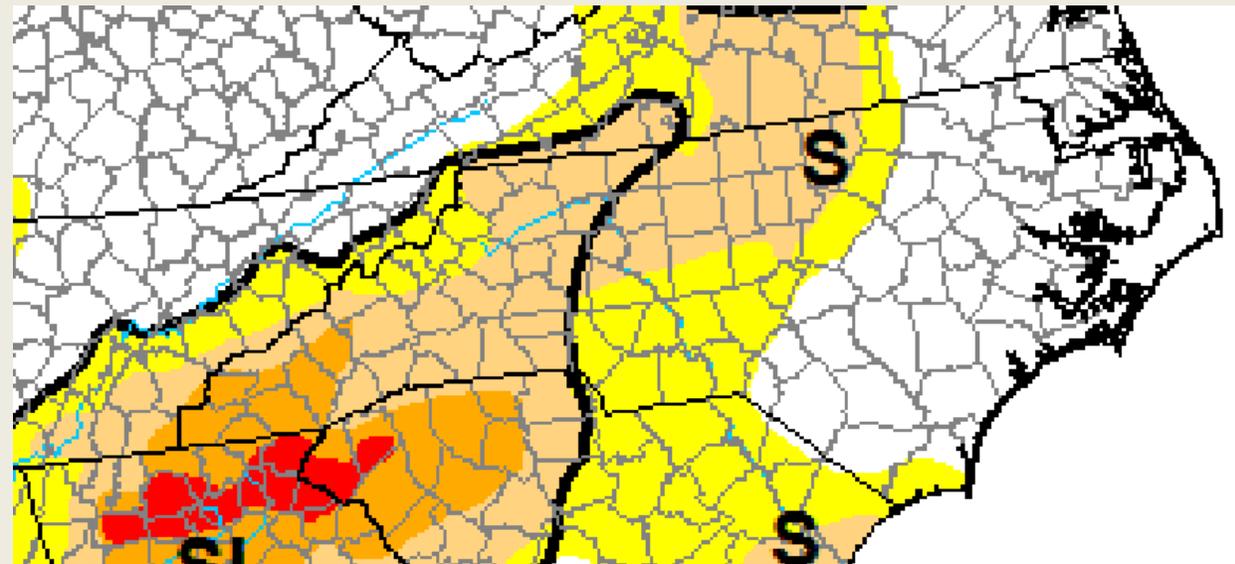
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://droughtmonitor.unl.edu/>



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Chair, NC DMAC

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