

Memorandum

Prepared for: Wake County Water Partnership

Subject: Coordination Subcommittee Report – Bimonthly Status of Regional Organizations

Date: December 10, 2021 (revised)

From: Coordination Subcommittee

This report is updated prior to each Wake County Water Partnership meeting to provide updates on recent and upcoming activities of several key organizations that are involved in water resources issues important to Wake County.

Upcoming Regional Meetings

Organization	Date / Time	Meeting Name	Location	Comments
Upper Neuse River Basin Association	January 4, 9:30 am	Path Forward Committee Meeting	Virtual	Contact Forrest Westall for login. Agenda at https://www.unrba.org/
Upper Neuse River Basin Association	January 19, 9:30 am	Board of Directors Bimonthly Meeting, Bylaws Annual Meeting	Virtual	Contact Forrest Westall for login. Agenda at https://www.unrba.org/
Triangle Water Supply Partnership	February 4, 9:30am–noon	Bi-Monthly Partnership Meeting	Virtual	Contact Emily Barrett for login, ebarrett@tjcog.org .

Regional Organizations Updates

1-Cape Fear River Assembly

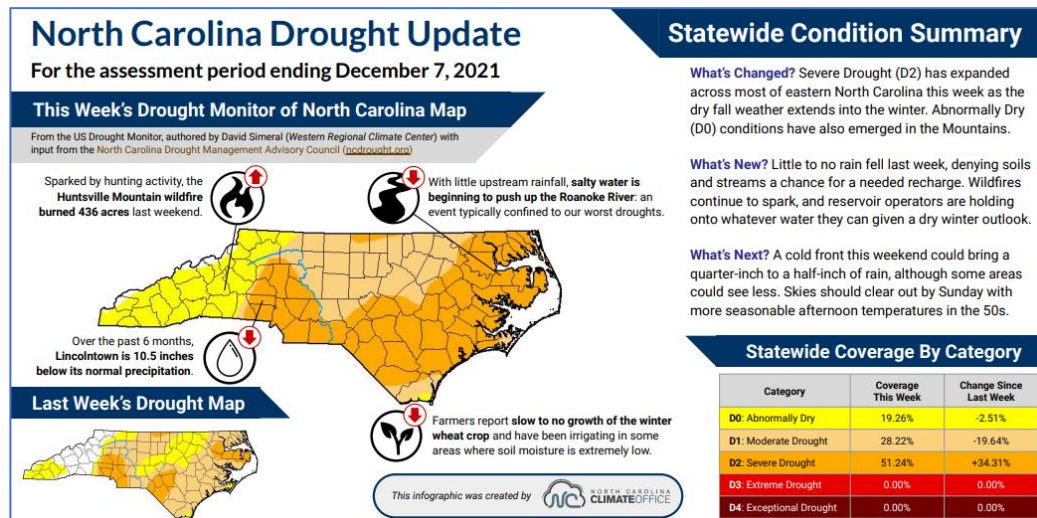
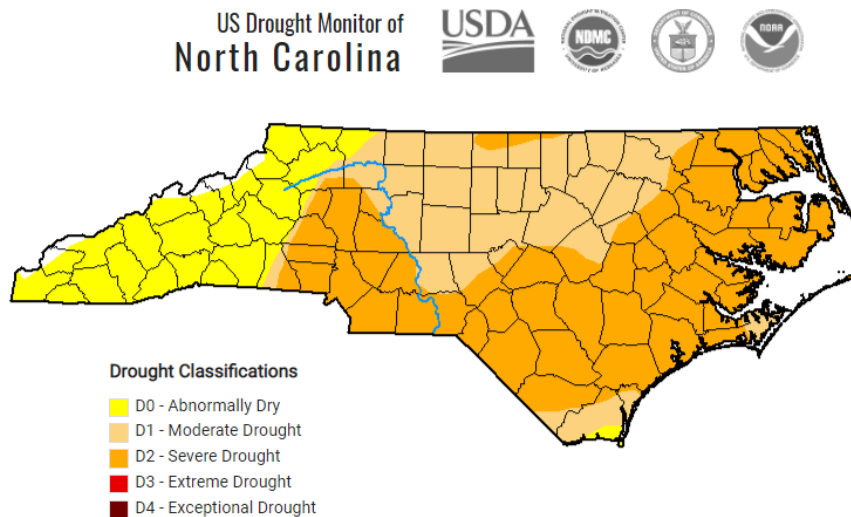
Recent Activities	▪ CFRA is hiring a new executive director.
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2-Jordan Lake One Water (JLOW)

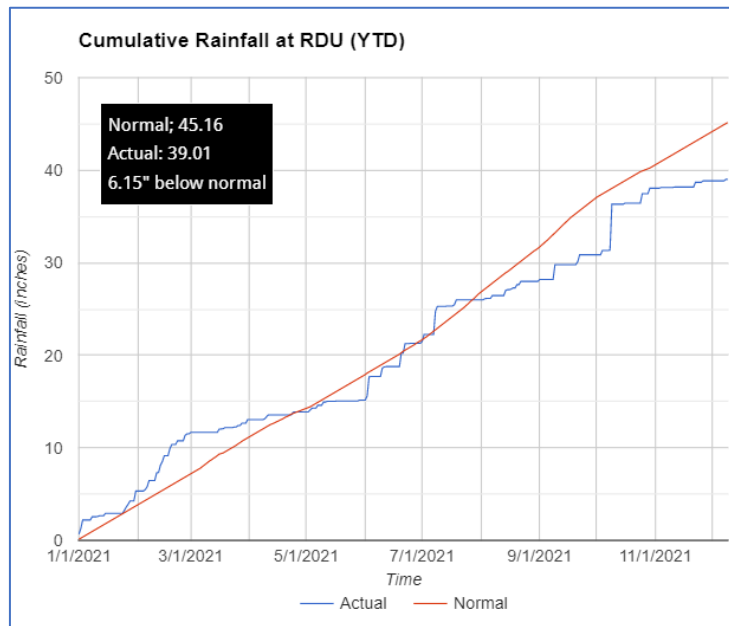
Recent Activities	▪ Information about JLOW's activities can be accessed at TJCOG's JLOW web page . ▪ The JLOW One Water Vision for the Jordan Lake Watershed finalized in September outlines the group's basis for input into the 2022 NC Division of Water Resources (NCDWR) Jordan Lake rules re-adoption effort following the NC Policy Collaboratory's Jordan Lake Nutrient Management Study report.
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3-Drought Management Advisory Council

- Recent Activities** ■ Council reviews drought designations on a weekly basis (issued at www.ncdrought.org each Thursday morning). The latest North Carolina drought index map as of December 9th is below. All of Wake County is currently experiencing moderate drought conditions, except for a small area in the southeast corner of the county. All 100 counties in the state are now in some level of drought classification. Access NC DMAC's weekly [Drought Explainer report](#) here.



- Since July Wake County has been experiencing cycles of dry conditions and fewer than normal rainfall events. Rainfall is about 6 inches below normal year-to-date, and rainfall over the past 12 months is now 4 inches below normal. Falls Lake is 2.5 ft below its normal elevation; Jordan Lake is 2.2 ft below its normal elevation.



- National Oceanic and Atmospheric Administration (NOAA)’s seasonal weather outlook projects above-normal temperatures and-normal precipitation for the state overall through May 2022.

4-North Carolina League of Municipalities

**Recent
Activities**

- The latest [League Bulletin \(ncclm.org\)](https://www.ncclm.org/bulletin) was posted September 3rd.
- The site includes an [NCLM American Rescue Plan overview and guidance](#) page which will be updated as more is known about North Carolina’s funding application process. Towns and cities in North Carolina will receive about \$1.3 billion in funding from the program.

5- North Carolina Policy Collaboratory

**Recent
Activities**

- The Falls Lake Nutrient Management Study is underway and is anticipated to be completed by 2023. The study is being closely coordinated with the Upper Neuse Basin Association. The Collaboratory recently published a [Falls Lake Nutrient Management Study project brief](#) describing the project. An interim update on the study is expected to be submitted to the Legislature in December.
- In July, the Collaboratory completed a flood resilience study funded by the NC General Assembly. Though the study was focused primarily on eastern North Carolina, its findings and recommendations may be of interest in Wake County as well. The study can be accessed at [Flood Resilience Study - North Carolina Policy Collaboratory \(unc.edu\)](#)
- Jordan Lake Nutrient Management Study submitted to the General Assembly in December 2019 can be accessed here: [Jordan Lake Study Final Report](#).

6-Triangle Area Water Supply Monitoring Project

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| Recent Activities | <ul style="list-style-type: none">▪ Links to partner communities' monitoring of perfluorinated chemicals (PFCs) and other contaminants of emerging concern are on the organization homepage, tawsmp.org. Links to real-time USGS streamflow data for the Triangle region can also be accessed from the homepage.▪ Currently in Project Phase 8 (July 2017-June 2022), with bi-monthly sampling at 10 reservoir sites and 4 stream sites, stream gage measurements at 10 gaging stations & annual storm-event sampling at other stream sites. Phase 8 includes analysis for 1,4-dioxane, bromide and chromium as a special project.▪ Following completion of quality control reviews, USGS will publish a biennial report on 2017-2019 water quality in the Neuse River basin (upstream of Falls Lake) and the Haw/Jordan Lake watershed by late 2021. |
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7-Triangle J Council of Governments (TJCOG)

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| Recent Activities | <ul style="list-style-type: none">▪ TJCOG hosts a quarterly joint meeting of its Smart Growth and Water Resources Collaboratives at TJCOG. These meetings often include agenda topics of interest to Partnership members, such as green stormwater infrastructure. Date for the next Collaborative meeting is TBD.▪ TJCOG and the Capital Area Metropolitan Planning Organization (CAMPO) have collaborated on the 2050 Metropolitan Transportation Plan, which includes forecasts of future regional growth forecast. |
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8-Triangle Water Supply Partnership

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| Recent Activities | <ul style="list-style-type: none">▪ Raleigh, Cary, Apex and Morrisville are represented in the Partnership, along with communities in Chatham, Durham, Harnett, Johnston and Orange counties.▪ Partnership meetings occur every other month, including recently on December 3rd. The next meeting will be held (virtually) on February 4th. Meetings are announced at trianglewaterpartnership.org; signup for email meeting notices is available. Meetings are open to the public.▪ Current Partnership initiatives are an updated regional water system interconnect computer model, modeling regional water shortage responses using the state's OASIS model, and a regionally-consistent water shortage response plan.▪ The Partnership plans to begin a regional water supply plan in 2022-2023.▪ A subgroup of Partnership members – Chatham County, Durham and Pittsboro, with collaboration from Orange Water and Sewer Authority – are planning a new jointly-owned water supply intake and water treatment plant on the western shore of Jordan Lake to serve their long-term needs. Their goal is to construct and operate the new facilities by 2031. Currently the only Jordan Lake intake is operated by Cary and Apex. Partnership member Jeff Adkins is program manager for this effort. |
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9-Upper Neuse River Basin Association

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| Recent Activities | <ul style="list-style-type: none">▪ The UNRBA Board of Directors last met on November 17th, and the Path Forward Committee on December 7th. Both meetings were held virtually. The Board is chaired by Wake Co. Commissioner Sig Hutchinson. Topics discussed at the Board meeting included:<ul style="list-style-type: none">– Focus on completing their model development work– Communication with NCDEQ/NC DWR and USEPA.– UNRBA comments on Chlorophyll-a site specific standards for High Rock Lake and relevance to site specific standards for Falls Lake– Coordination with NC Policy Collaboratory researchers on the Falls Lake Nutrient Management study. A joint UNRBA/Collaboratory symposium will be held in Spring 2022. <p>Meeting materials and the Executive Director’s Monthly Report are available at UNRBA’s Board of Directors November 17th meeting page and Path Forward Committee December 7th meeting page. The next scheduled Board meeting is scheduled (virtually) for December 19th; the next scheduled Path Forward Committee meeting is scheduled (virtually) for January 4th.</p> <ul style="list-style-type: none">▪ UNRBA’s Stage I Existing Development Interim Alternative Implementation Approach (IAIA) Program will be implemented to develop projects throughout the watershed. Executive Director Forest Westall sees linkage between IAIA a similar “investment” approach included in the Jordan Lake One Water (JLOW) vision to address land already developed within the readopted Jordan Lake rules. |
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10-Upper Cape Fear River Basin Association

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| Recent Activities | <p>UCFRBA’s Technical Advisory Committee meets on a quarterly basis. The next joint Board and TAC meeting is expected December 16th, agenda to be announced. Additional information on UCFRBA meetings and reports can be accessed at the UCFRBA website.</p> |
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11-Triangle Watershed Protection Board (formerly Upper Neuse Clean Water Initiative, including watershed protection measures for Raleigh and Durham)

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| Recent Activities | <ul style="list-style-type: none">▪ The Watershed Protection Board met in October to review projects for funding. The Board approved nine projects for funding. FY 22 funding for projects totaled more than \$2.4 million (\$2.2 million from Raleigh and more than \$200,000 from Durham). The Board will not have a Spring 2022 meeting.▪ The group is now being administered by TJCOG. Emily Barrett is contact.▪ Website link is: Triangle Watershed Protection Board▪ Partnership member Nancy Daly is a board member. |
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