

# Memorandum

Prepared for: Wake County Water Partnership

Subject: Coordination Report – Bimonthly Status of Regional Organizations

Date: June 10, 2022

This report provides Wake County Water Partnership members with updates on recent and upcoming activities of key organizations engaged with water resources issues relevant to Wake County.

## Upcoming Regional Meetings

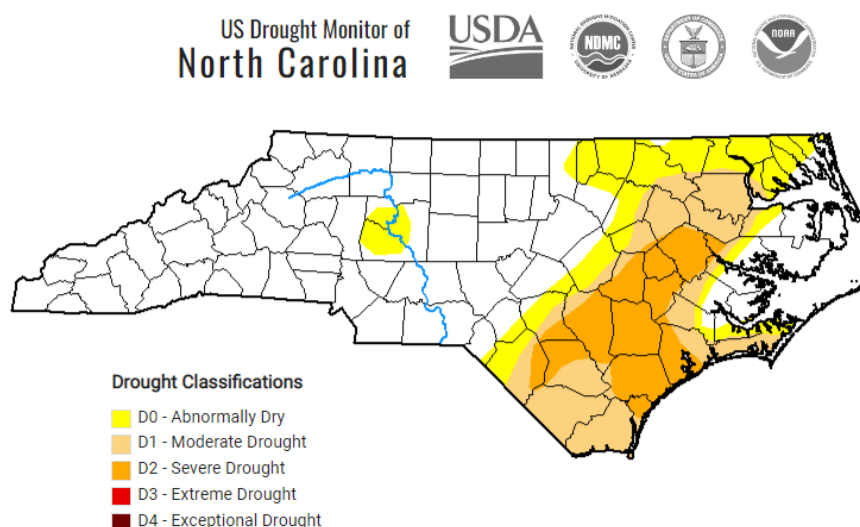
Organization	Date / Time	Meeting Name	Location	Comments
Upper Neuse River Basin Association	June 15, 930am	Board of Directors Bimonthly Meeting	Virtual	Contact Forrest Westall for login. Agenda at <a href="https://www.unrba.org/">https://www.unrba.org/</a>
Triangle Water Supply Partnership	August 5, 9:30am	Bi-Monthly Partnership Meeting	Virtual	Contact Emily Barrett for login, <a href="mailto:ebarrett@tjcog.org">ebarrett@tjcog.org</a> .

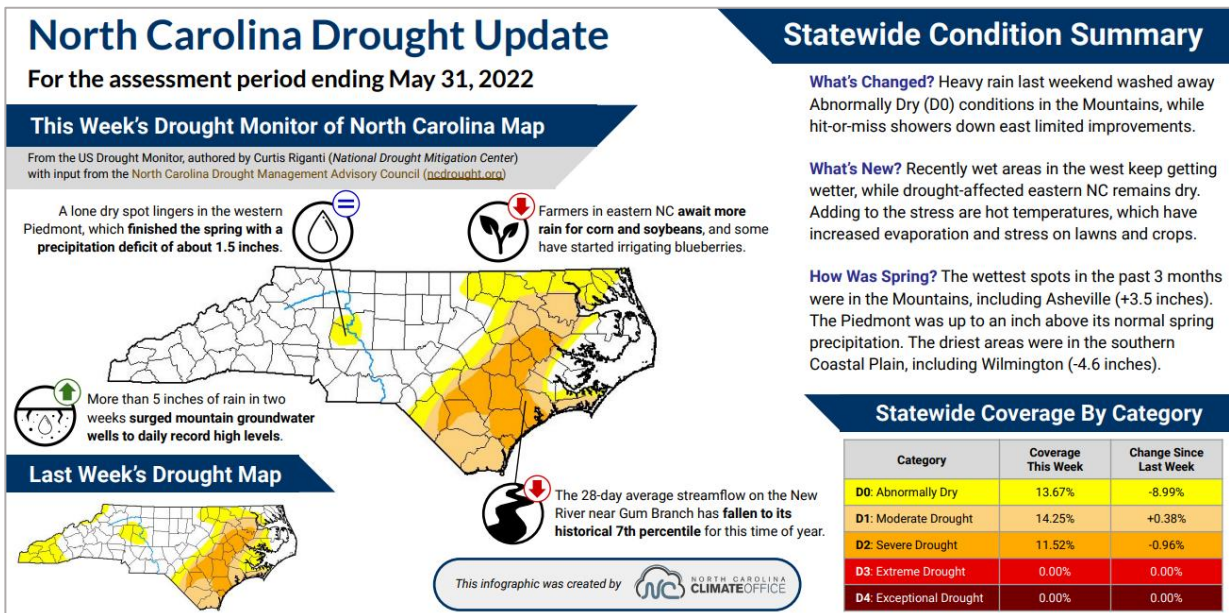
## Regional Organizations Updates

The organizations included in this report are being revised and updated beginning with this edition. The report will now provide updates on from the NC Water Resources Association (NCWRA), NC Water Resources Research Institute (WRII) Stormwater Consortium, One Water Alliance and updates on stormwater topics.

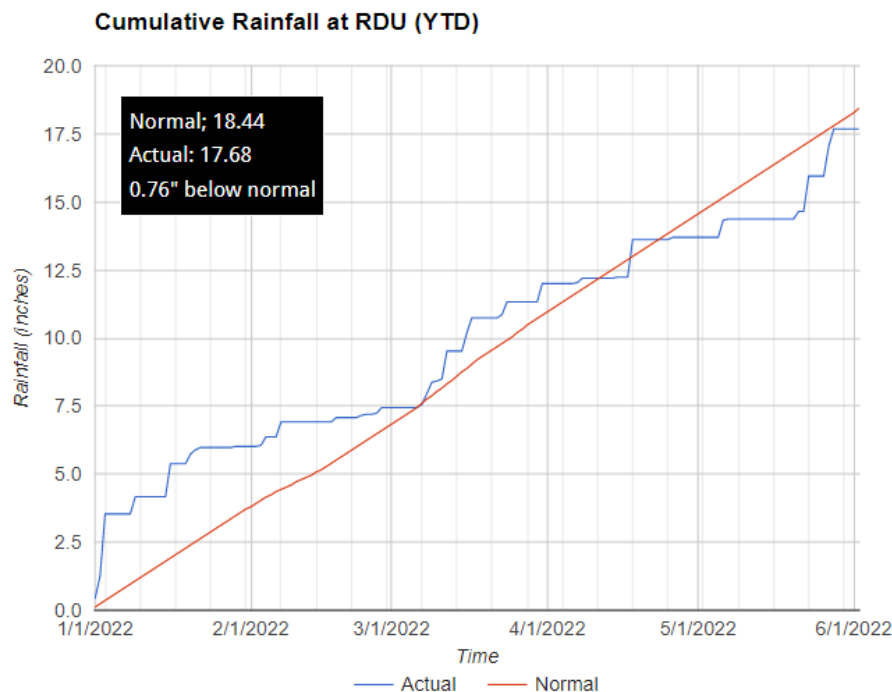
### 1-Drought Management Advisory Council

- Council reviews drought designations on a weekly basis (issued at [www.ncdrought.org](http://www.ncdrought.org) each Thursday morning). The latest North Carolina drought index map as of June 2 is below. All of Wake County is currently experiencing normal conditions. Twenty-four counties in eastern NC are now in moderate or severe drought classifications. Access NC DMAC's weekly [Drought Explainer Infographic](#) here.

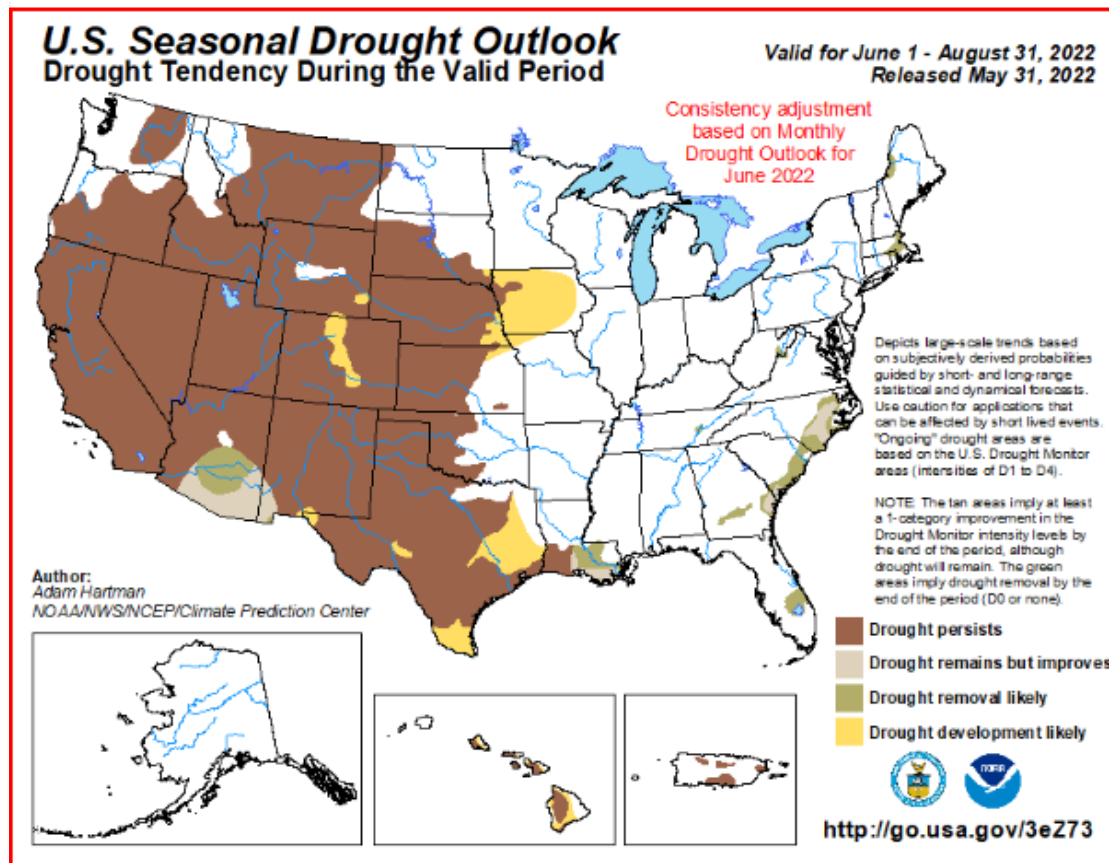




- Wake County experienced slightly less spring precipitation than normal, with 4.0 inches of rain in the six weeks between April 18<sup>th</sup> and June 2<sup>nd</sup>. Rainfall is nearly normal year-to-date, yet still 5.5 inches below normal over the past 12 months. Falls Lake and Jordan Lake are both slightly above their normal guide elevations.



- National Oceanic and Atmospheric Administration (NOAA)'s seasonal weather outlook projects drought conditions will persist but improve in eastern NC through the summer, along with above-normal temperatures and above-normal precipitation for the state overall through summer 2022.



## 2-Jordan Lake One Water (JLOW)

### Recent Activities

- Information about JLOW's activities can be accessed at [TJCOG's JLOW web page](#).
  - JLOW's Advisory Committee has hired a lawyer to work on Articles of Incorporation and Bylaws to form JLOW as a NC-nonprofit. With TJCOG's assistance, JLOW is also in the final stages of developing a membership structure and associated dues. They welcome any interested individual or organization to be JLOW members.
  - The [JLOW One Water Vision for the Jordan Lake Watershed](#) outlines the group's basis for input into the 2022-2023 NC Division of Water Resources (NCDWR) Jordan Lake rules re-adoption effort.
  - The Jordan Lake One Water Coalition has been nominated for the Cross-Sector Partnership category for the US Water Prize.
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### 3-North Carolina League of Municipalities

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**Recent  
Activities**

- The NCLM website includes an [NCLM American Rescue Plan overview and guidance](#) page which is updated periodically with information about North Carolina's funding application process. Towns and cities in North Carolina will receive about \$1.3 billion in funding from the program.
  - The NC Division of Water Infrastructure is accepting comments until June 15, 2022 on draft Intended Use Plans for supplemental funds in the [Drinking Water State Revolving Fund](#), [Clean Water State Revolving Fund](#), and [Community Development Block Grant-Infrastructure Priority Rating](#).
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### 4- North Carolina Policy Collaboratory

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**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 and UNRBA co-hosted a Falls Lake Nutrient Management Study Research Symposium on April 7<sup>th</sup>. The [Research Symposium webpage](#) has the agenda with list of papers presented; the presentations will also be uploaded to this page for public access. An [Interim Update](#) on the study was submitted to the Legislature in December 2021.
  - The Collaboratory's university researchers are working to understand the possible exposure avenues and potential health effects of PFAS compounds. Learn more about the North Carolina PFAS Testing Network at [ncpfastnetwork.com](#).
  - Jordan Lake Nutrient Management Study submitted to the General Assembly in December 2019 can be accessed here: [Jordan Lake Study Final Report](#).
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### 5-North Carolina Water Resources Association (NCWRA)

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**Recent  
Activities**

- NCWRA's programs and events are publicized at [ncwra.org](#). The next NCWRA meeting date has not been announced.
  - NCWRA is preparing to host the summer 2023 national conference in Raleigh.
  - Partnership member Daniel Wiebke is a member of NCWRA.
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## 6- Stormwater Consortium (WRR)

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| <b>Recent Activities</b> | <ul style="list-style-type: none"><li>▪ The Stormwater Consortium is a subgroup of the Urban Water Consortium, and is funded by dues from nine municipal UWC members that also have municipal stormwater programs. The Stormwater Consortium sponsors research and technology transfer on urban stormwater and management issues.</li><li>▪ Consortium research priorities include<ul style="list-style-type: none"><li>– Low impact development</li><li>– Impervious cover impacts/mitigation</li><li>– Pollutant removal processes</li></ul></li><li>▪ Descriptions of recent Consortium funded stormwater management research can be accessed on the <a href="#">Stormwater Consortium webpage</a>.</li><li>▪ GSI Subcommittee member and City of Raleigh Stormwater Program Manager Wayne Miles is a member of the Stormwater Consortium.</li></ul> |
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## 7- Stormwater Management Topics

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| <b>Updates of Interest</b> | <ul style="list-style-type: none"><li>▪ The Storm Water Association of North Carolina (SWANC), an organization of NC's stormwater professionals, meets regularly at locations around the state, most recently on May 23 in Wilmington.</li><li>▪ SWANC's website, <a href="#">swanc.org</a>, includes educational resources on stormwater management technology, stormwater program financial issues, and links to USEPA and NCDEQ regulatory information.</li></ul> |
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## 8-Triangle Area Water Supply Monitoring Project

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| <b>Recent Activities</b> | <ul style="list-style-type: none"><li>▪ USGS has published the Scientific Investigations Report <a href="#">Occurrence and distribution of mercury in streams and reservoirs in the Triangle Area of North Carolina, July 2007–June 2009 (usgs.gov)</a>. Six Wake County locations were evaluated for this report, spanning the Falls Lake, Swift Creek and White Oak Creek watersheds.</li><li>▪ Links to real-time USGS streamflow data for the Triangle region can be accessed from the homepage, <a href="#">tawsmp.org</a>.</li><li>▪ The project will begin Phase 8 in July, which will extend to June 2027. with bi-monthly sampling at 10 reservoir sites and 4 stream sites, stream gage measurements at 8 gaging stations &amp; annual storm-event sampling at other stream sites. Phase 9 will include PFAS testing for 1 years (October 2023 to September 2024), along with 1,4-dioxane and bromide only at the sites where they were detected above reporting levels during Phase 8.</li></ul> |
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## 9-Triangle J Council of Governments (TJCOG)

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| <b>Recent Activities</b> | <ul style="list-style-type: none"><li>▪ No general updates available; individual project updates from TJCOG located under “Triangle Area Water Supply Monitoring Project” and “Triangle Water Supply Partnership”.</li></ul> |
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## 10-Triangle Water Supply Partnership

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| <b>Recent Activities</b> | <ul style="list-style-type: none"><li>▪ Raleigh, Cary, Apex and Morrisville are represented in the Partnership, along with communities in Chatham, Durham, Harnett, Johnston and Orange counties.</li><li>▪ The most recent bi-monthly Partnership meetings occurred June 3<sup>rd</sup>. The next meeting will be held (virtually) on August 5<sup>th</sup>. Meetings are announced at <a href="http://trianglewaterpartnership.org">trianglewaterpartnership.org</a>; signup for email meeting notices is available. Meetings are open to the public.</li><li>▪ Current Partnership initiatives are an updated regional water system interconnect model. The Partnership plans to begin a regional water supply plan in 2023.</li><li>▪ 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.</li></ul> |
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## 11-Upper Neuse River Basin Association

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| <b>Recent Activities</b> | <ul style="list-style-type: none"><li>▪ The UNRBA Board of Directors last met on May 18<sup>th</sup>, and the Path Forward Committee on June 7<sup>th</sup>. Both meetings were held virtually. Meeting materials are available at UNRBA’s <a href="#">Board of Directors May 18 meeting page</a> and <a href="#">Path Forward Committee June 7 meeting page</a>. The Board is chaired by Wake Co. Commissioner Sig Hutchinson. Topics discussed at the Board meeting included:<ul style="list-style-type: none"><li>– Submittal of objection letters from UNRBA members regarding the proposed Chlorophyll-a site specific standards for High Rock Lake</li><li>– Falls Lake watershed and lake model development status</li><li>– 2022 NCDWR 303(d) list and <a href="#">NCDEQ Integrated Report</a></li><li>– Summary of the Joint Falls Lake Nutrient Management Symposium held with NC Policy Collaboratory on April 7<sup>th</sup>.</li><li>– UNRBA is planning a technical stakeholders’ workshop for Fall 2022 after calibration of the Falls Lake models and evaluation of preliminary scenarios.</li></ul></li></ul> <p>The next Board meeting is scheduled (virtually) for June 15<sup>th</sup>; the next Path Forward Committee meeting is not yet scheduled.</p> |
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## **12-Triangle Watershed Protection Board (formerly Upper Neuse Clean Water Initiative, including watershed protection for Raleigh and Durham)**

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| <b>Recent Activities</b> | <ul style="list-style-type: none"><li>▪ The Board is piloting a single grant cycle (as opposed to two) in 2022.</li><li>▪ The Board met June 2, 2022 and approved funding for 12 projects totaling more than \$2.9 million in Falls Lake Watershed. Final approval is contingent upon finalization of each jurisdiction's FY23 budget as well as approval of the projects.</li><li>▪ The group is now being administered by TJCOG. Emily Barrett is contact. Website link is: <a href="#">Triangle Watershed Protection Board</a></li><li>▪ Partnership member Nancy Daly is a board member.</li></ul> |
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