
Water Committee
AGENDA
November 9, 2022
8:30a.m.

Note: This meeting will take place in the Administrative Conference Room located at 140 Stonewall Avenue, Suite 100, Fayetteville, Georgia 30214.

Call to Order

1. Acceptance of Agenda
2. Approval of Minutes from the October 12, 2022 meeting
3. Approval of the 2023 Water Committee Meeting Schedule
4. System Updates
5. Director's Report
6. Public Comment

Water Committee
Minutes
October 12, 2022
8:30 A.M.

Committee Members Present: Bryan Keller, Chairman
Vanessa Tigert, Vice-Chair
Jeff Hill, Fire Chief
Bill Holland

Absent: Steve Rapson, County Administrator
Jim Poff

Committee Non-Voting Members: Dennis Davenport, County Attorney
Michael Diaz, Arcadis

Staff Present: Jayden Wright, James Munster, Carrie Gibby, Mark Frank, Susan Lee, Russell Ray, Ben Martin, Lindsey Choisset

Call To Order

The meeting was called to order by Chairman Bryan Keller at 8:30 a.m.

1. Acceptance of Agenda
Vanessa Tigert moved to accept the agenda as written. Bill Holland seconded. The motion passed unanimously.
2. Approval of Minutes from the August 10, 2022 meeting
Jeff Hill made the motion and Vanessa Tigert seconded to approve the minutes from the meeting on August 10, 2022. The motion passed unanimously.
3. System Updates
Carrie Gibby advised the Water System's business office will be hosting the annual McDonough Road Holiday Open House for Fayette County employees on December 21, 2022. Due to the large number of county employees in the building, customer service operations will have a delayed opening. The business office and phones will open at 9:30 am.

Susan Lee introduced Mark Frank, the new manager at our South Fayette Water Treatment Plant. Mr. Frank has been a Water Operator with Fayette County for 15 years and we are excited to welcome him to this position.

Russell Ray shared that the lake levels are within one and a half feet of full pool. We have gone three weeks without rain but hopefully we get some rain today.

James Munster touched on the status of our infrastructure. Just last night, our

infrastructure maintenance team had to repair a watermain on Braelinn Road that was damaged by AT&T. We have had 12 damages this year due to AT&T's work laying fiber-optic cable throughout the county. A majority of those damages have been at the fault of AT&T, which they have paid for.

Ben Martin, our Field Operations Specialist, discussed our new Sages workflow process. Sages is a plan review digital tracking system that several Fayette County departments have already been using. The Water System needed to incorporate Sages into our plan review process to establish consistency for all jurisdictions within the county and to streamline review and acceptance procedures. The Board of Commissioners approved the plan review fee schedule, which was determined based on what surrounding counties were charging for their plan reviews. The fees offset expenses incurred for the annual maintenance costs of the Sages software and went into effect July 1, 2022.

Lindsey Choynet expressed the Water System's immense gratitude to Steve Tafoya, Director of the Building Safety Department. Mr. Tafoya's guidance has been integral to the successful launch of Sages and we could not have implemented it without him.

4. Director's Report

Vanessa Tigert advised that we are on track with our AMI project. We are focusing on contract development with Badger Meter and are reviewing our infrastructure to determine what vaults may need repairing prior to meter installation. Initially we are going to install 500 AMI meters, so we want to focus on our large meters and our large meter vaults.

Michael Diaz added that Arcadis is working on multiple task orders for the Water System- supporting the work at the water plants, AMI, the Trilith water tank, and interconnection with Coweta County to name a few.

5. Public Comment

No public comment.

6. Adjournment

Bryan Keller made the motion and Vanessa Tigert seconded to adjourn the Water Committee meeting on October 12, 2022. The motion passed unanimously.

The October 12, 2022 Water Committee meeting adjourned at 8:47 a.m.

Bryan D. Keller, Chairman

The foregoing minutes were approved at the regular Water Committee meeting on the _____ day of _____, 2022.

Lindsey Choisset, Water Committee Clerk

DRAFT



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P.O. Box 190
Fayetteville, GA 30214
770-461-1146
www.fayettecountyga.gov/water

Water Committee

PROPOSED 2023 Meeting Schedule

Following are the proposed dates and times for the 2023 Water Committee meetings. The meeting dates are the 2nd Wednesday of each month at 8:30am.

Meetings will take place in the Administrative Conference Room located at 140 Stonewall Avenue, Suite 100, Fayetteville, Georgia 30214.

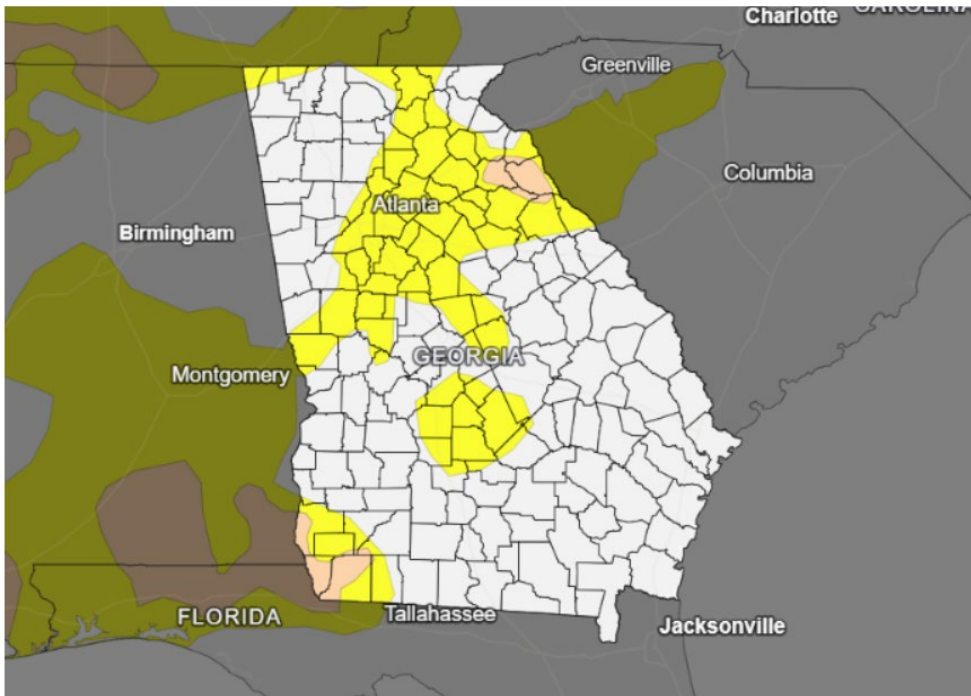
Meeting Date	Time
Wednesday, January 11	8:30 a.m.
Wednesday, February 8	8:30 a.m.
Wednesday, March 8	8:30 a.m.
Wednesday, April 12	8:30 a.m.
Wednesday, May 10	8:30 a.m.
Wednesday, June 7 June 14	8:30 a.m.
Wednesday, July 12	8:30 a.m.
Wednesday, August 9	8:30 a.m.
Wednesday, September 13	8:30 a.m.
Wednesday, October 11	8:30 a.m.
Wednesday, November 8	8:30 a.m.
Wednesday, December 13	8:30 a.m.

Drought Conditions in Georgia

Continue to Slowly Expand



Current U.S. Drought Monitor Conditions for Georgia:
Last Month



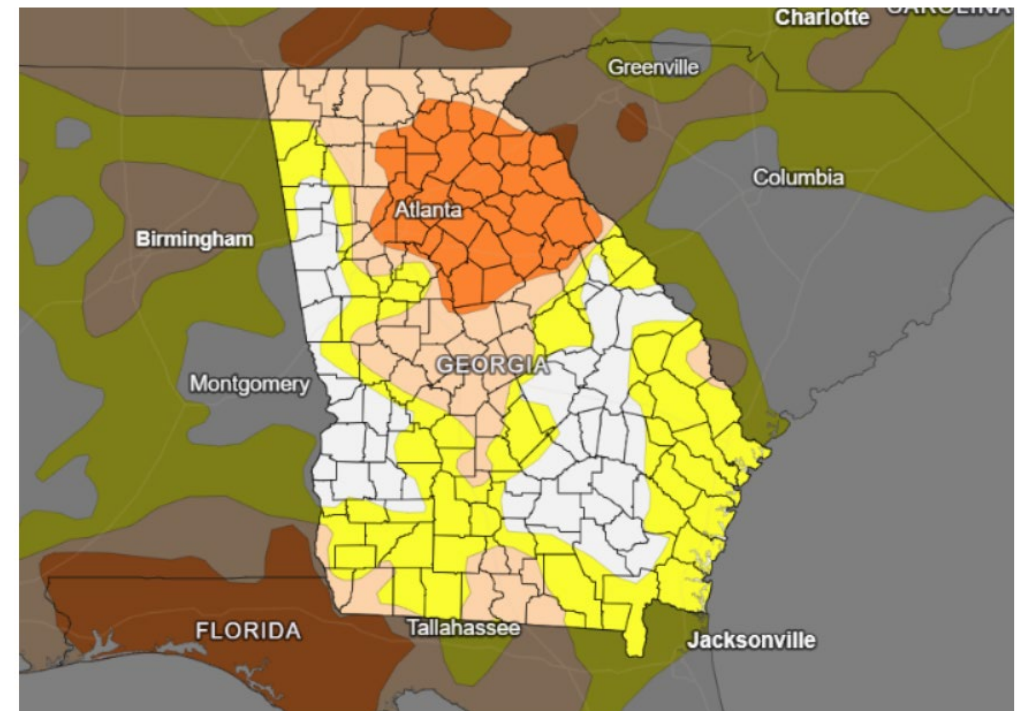
U.S. Drought Monitor for GA



Source(s): NDMC, NOAA, USDA
Updates Weekly - 10/04/22

[Drought.gov](https://drought.gov)

Current U.S. Drought Monitor Conditions for Georgia:
Current



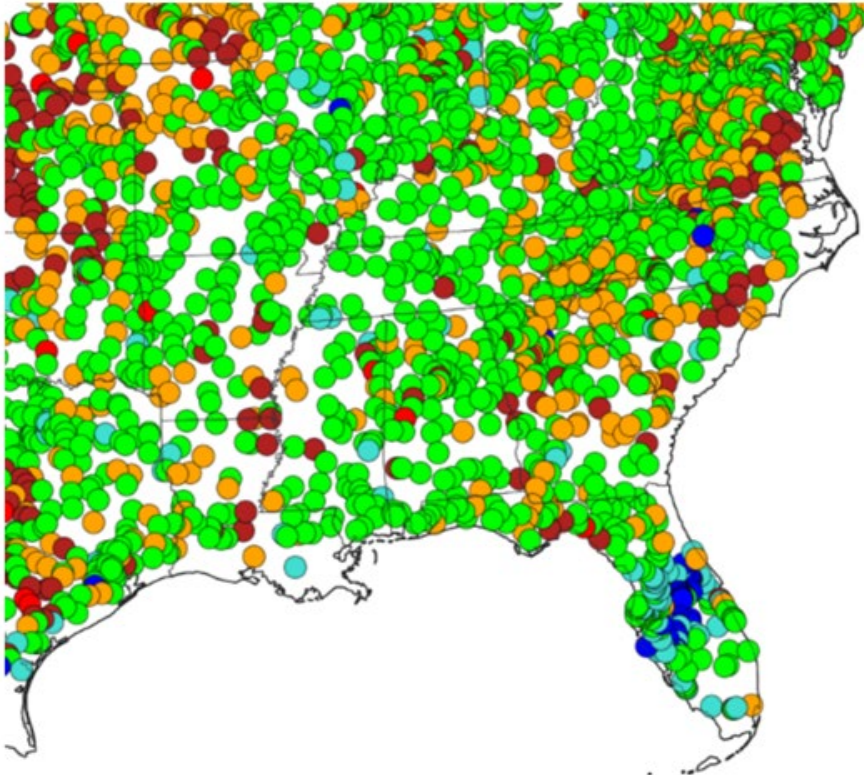
U.S. Drought Monitor for GA



Source(s): NDMC, NOAA, USDA
Updates Weekly - 11/01/22

[Drought.gov](https://drought.gov)

Real-Time Streamflow Conditions



Streamflow Percentiles



The map depicts streamflow conditions compared to historical streamflow conditions for the day of the year. U.S. Geological Survey stream gages are displayed alongside current drought conditions from the U.S. Drought Monitor.

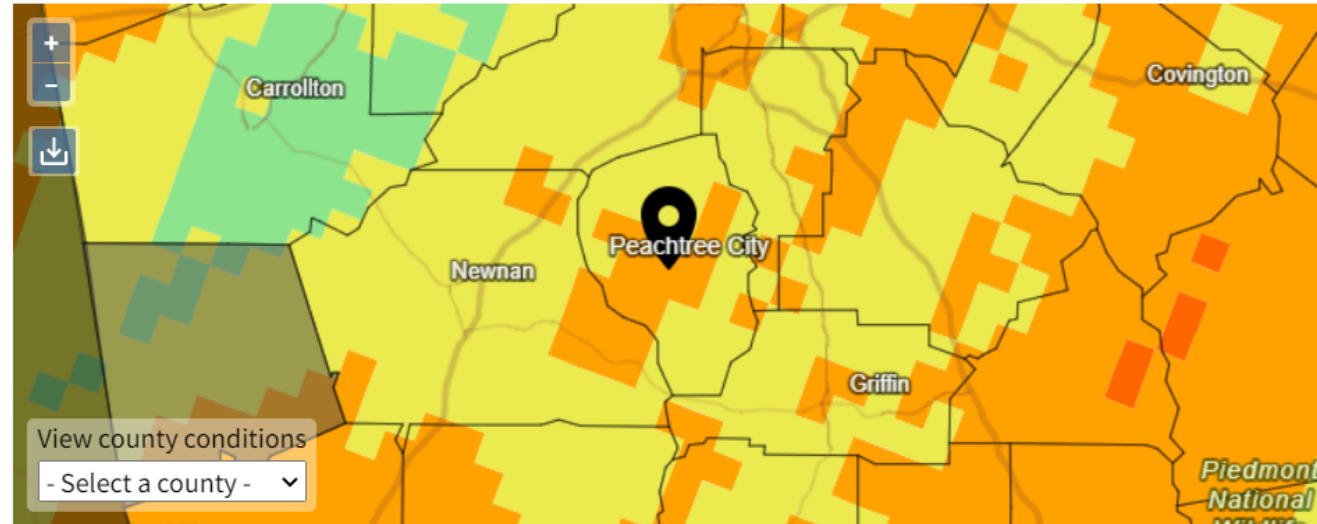
Source(s): U.S. Geological Survey, U.S. Drought Monitor
Updates Daily - 11/03/22

Drought.gov

Increasing number of locations are reporting below and much below normal streamflow.

Soil Moisture in Fayette County

Lawn and Garden Moisture Index 0-100 cm Soil Moisture Percentile 20 cm Soil Moisture Percentile



The Lawn and Garden Moisture Index measures the capacity of current soil moisture to sustain healthy lawns and gardens. The index is computed in two stages. The first involves how much recent precipitation (over the past 21 days) contributes to current soil moisture. The second involves finding how much the total effective rainfall for the current day differs from a “standard” amount of rainfall considered to be adequate for that time of year to sustain healthy lawns and gardens.

Positive values of the index indicate adequate precipitation or better, while negative values indicate a precipitation deficit. [Learn more.](#)

Lawn & Garden Moisture Index: Precipitation Deficits



Lawn & Garden Moisture Index: Adequate or Surplus Precipitation



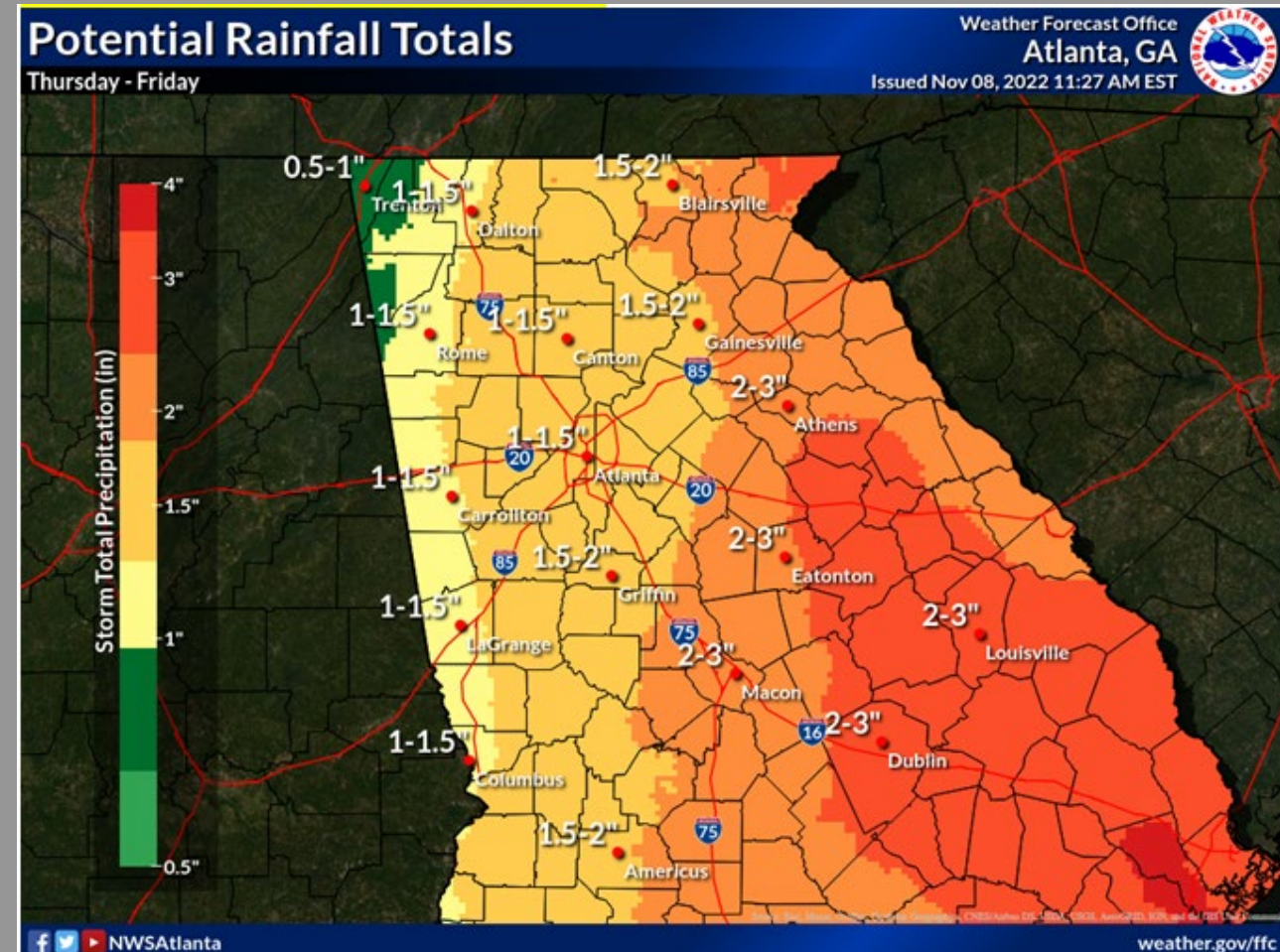
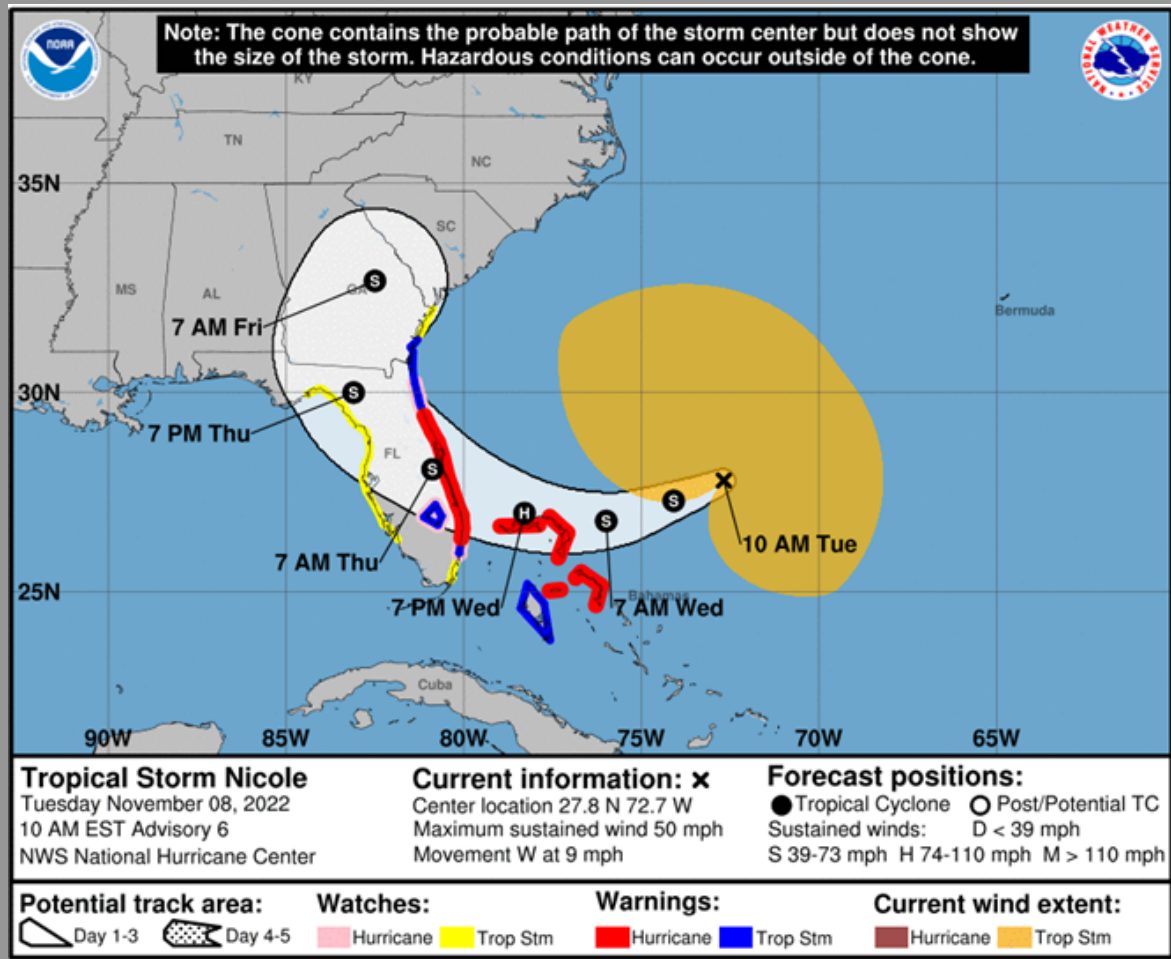
Source(s): [Alabama Office of the State Climatologist](#)

Updates Daily - 11/08/22

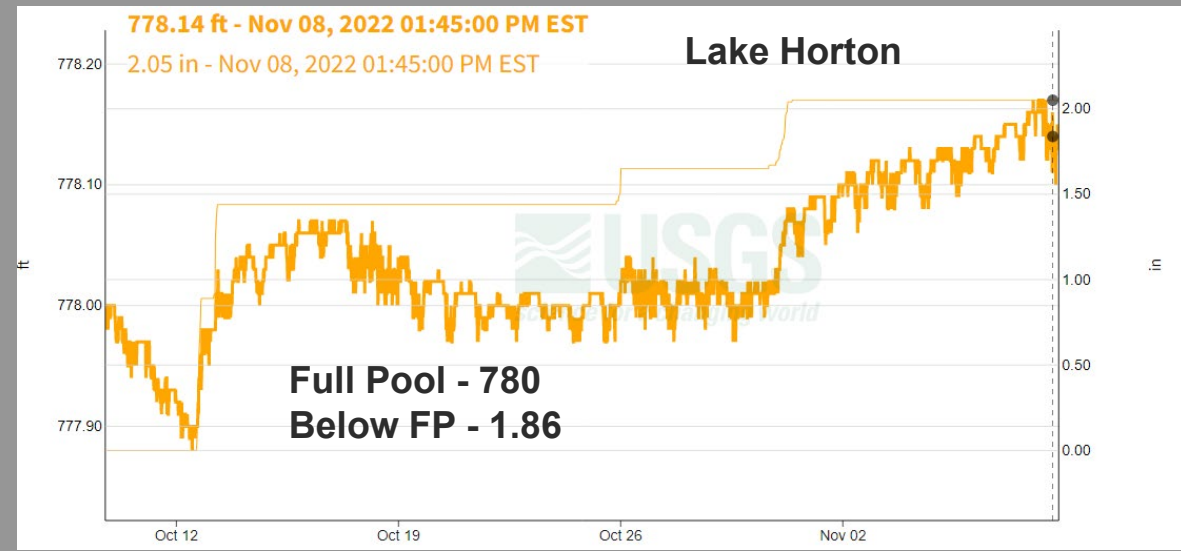
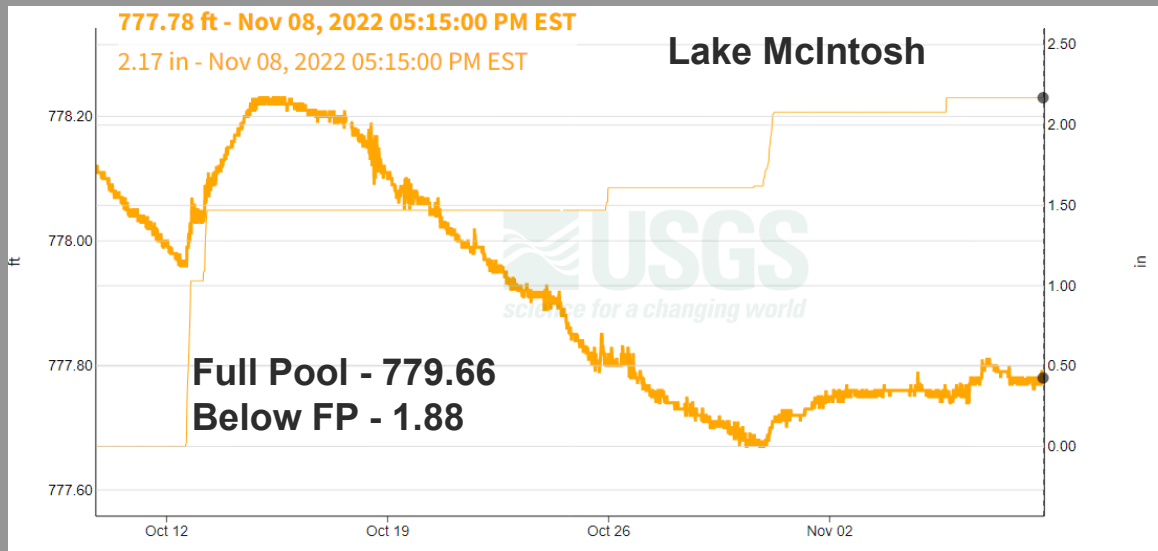
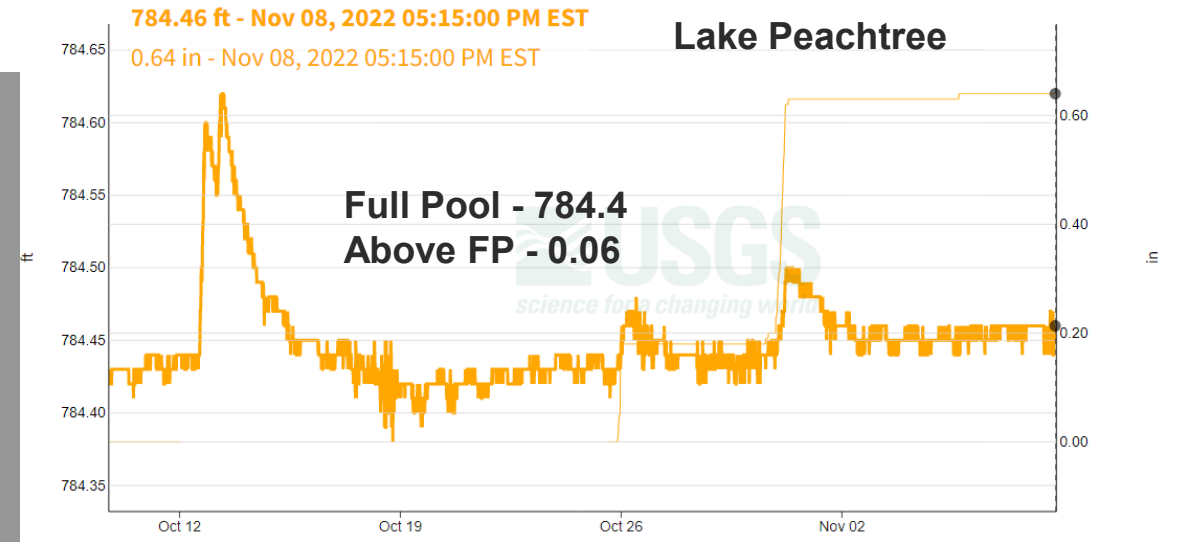
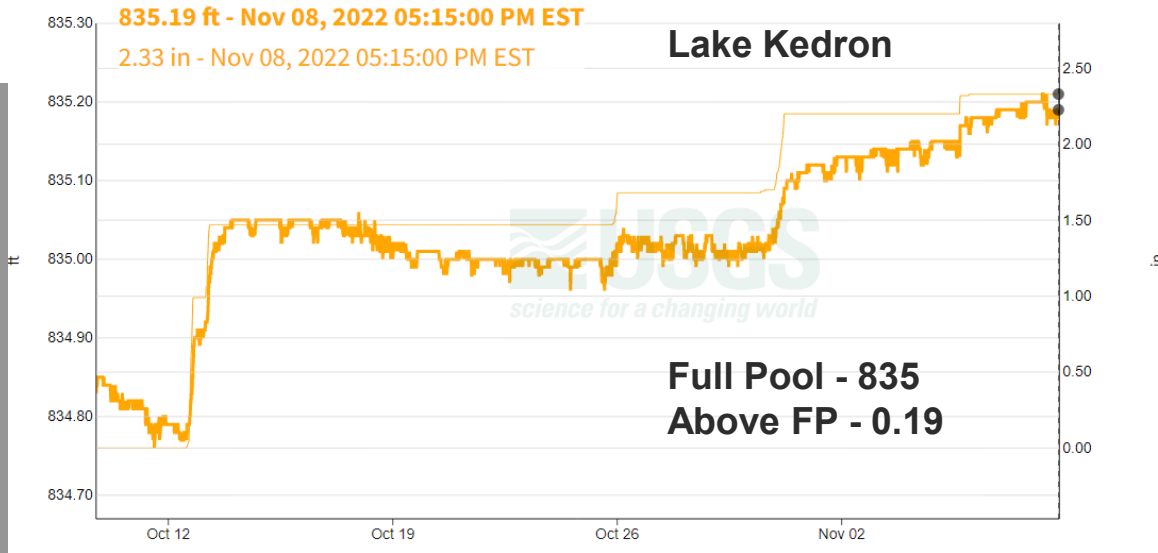


Soil moisture index indicates a precipitation deficit.

Rainfall is expected this week but not likely enough to overcome the gradually accumulating deficits.



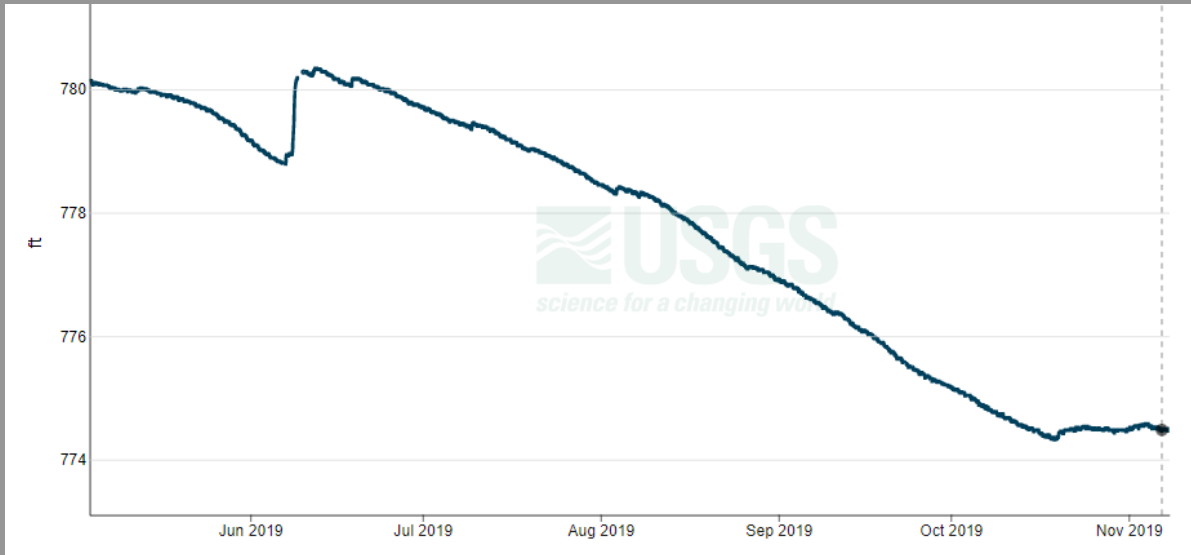
Current Lake Levels (Past 30 days)



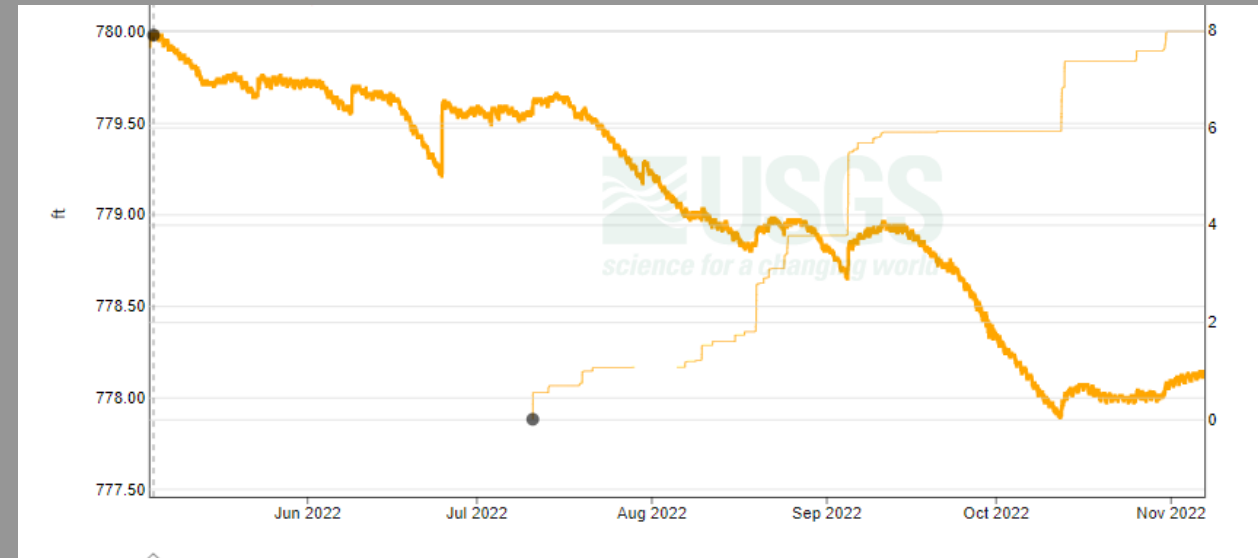
Lake Horton Reservoir Elevation Comparisons 2019 vs 2022



May 4, 2019 – Nov 7, 2019 Lowest elevation 774.39 ft.



May 4, 2022 – Nov 7, 2022 Lowest elevation 778.68 ft.



2019 – Lake Horton Reservoir Elevation = 775.5 when FCWS filed for Drought Variance *Too Late!*

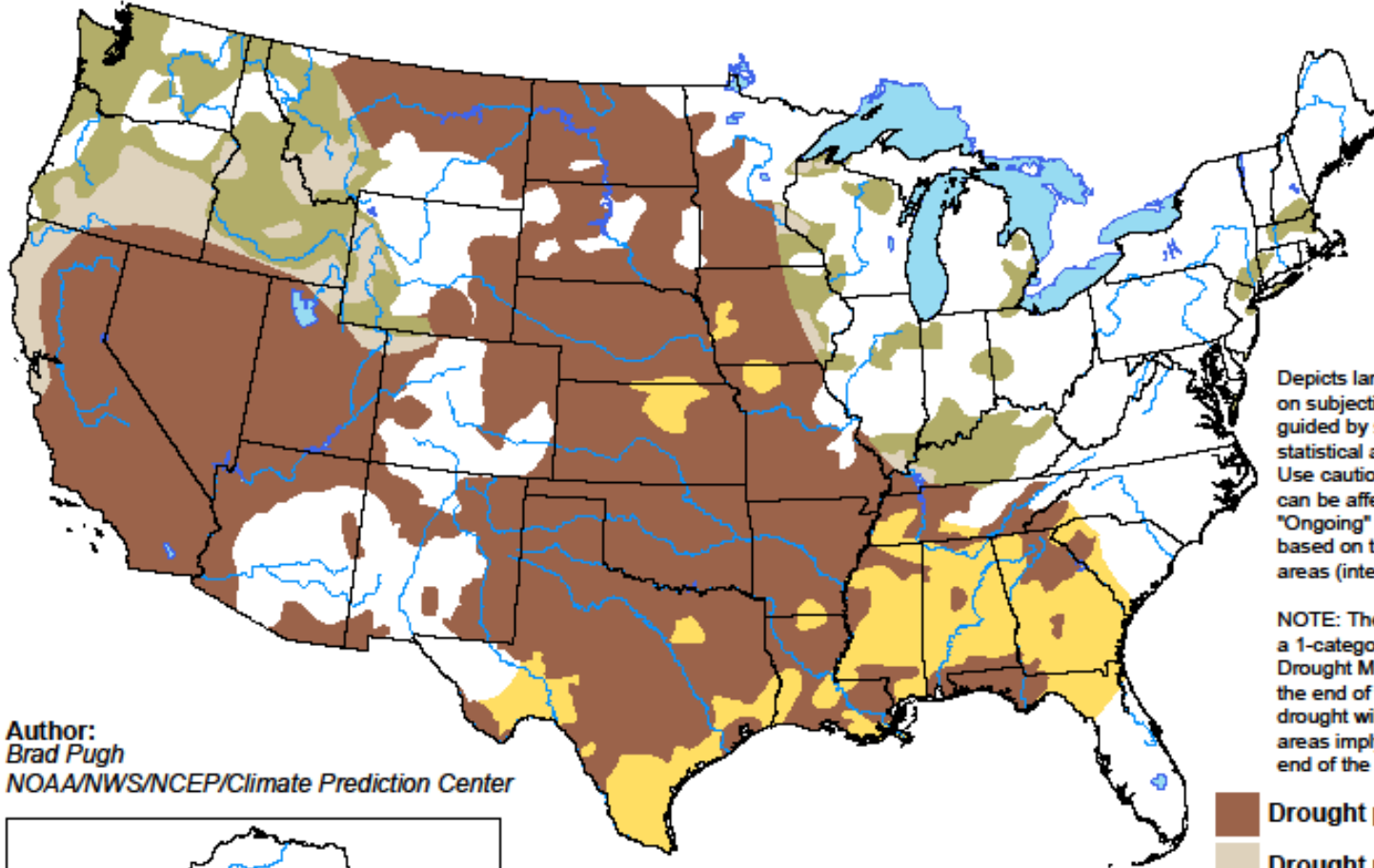
2022 – Pumping from Flint River to Lake Horton 7.8 MGD since Oct 13th (no pumping in 2019)

2021 – Average production from both plants = 9.4 MGD

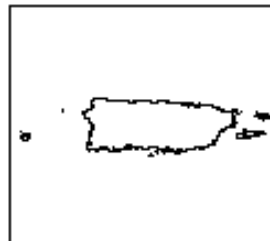
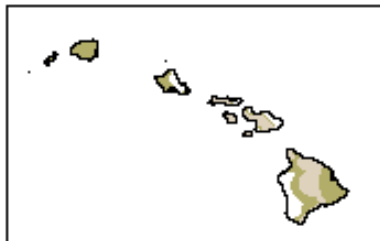
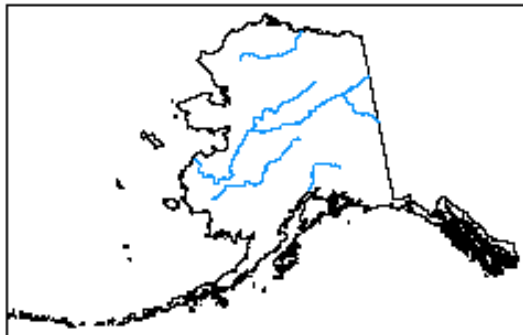
U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for October 20, 2022 - January 31, 2023
Released October 20, 2022







Author:
Brad Pugh
NOAA/NWS/NCEP/Climate Prediction Center



Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

-  Drought persists
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely



<http://go.usa.gov/3eZ73>

Drought is expected to persist or develop through January 2023.

TOP 15 CUSTOMERS

OCTOBER 2022



CUSTOMER #	CUSTOMER NAME	SERVICE LOCATION	TOTAL USAGE	TOTAL REVENUE
10836	CITY OF FAYETTEVILLE	WHOLESALE	19,201,670	\$51,468.46
34267	FAYETTE COUNTY BOE	35 SERVICES	3,957,273	\$14,399.20
552	PIEDMONT HEALTHCARE	2 SERVICES	2,916,323	\$9,489.02
12877	HOSHIZAKI AMERICA	618 S HWY 74	1,848,390	\$6,016.50
96235	PINEWOOD ATLANTA STUDIOS	5 SERVICES	1,809,193	\$6,075.64
129317	DDRTC FAYETTE PAVILION III & IV LLC	5 SERVICES	1,663,832	\$5,581.19
25487	UNIVERSAL ENVIRONMENTAL SERVICES	3 SERVICES	1,584,765	\$5,425.94
10275	FAYETTE COUNTY BOC	24 SERVICES	1,357,315	\$5,256.29
126515	RETREAT AT PEACHTREE CITY APARTMENTS LLC	1600 BARBERRY LN	1,289,270	\$4,794.37
49607	GE APARTMENTS RETREAT	100 HYACINTH LN	1,275,870	\$6,055.92
106915	VR BALMORAL HOLDING LP	450 S PEACHTREE PKW	1,246,840	\$4,073.49
29362	SUMMIT PROPERTIES	2 SERVICES	1,101,371	\$35,004.02
12875	GS ROOFING PRODUCTS	200 SIERRA DR	1,051,500	\$3,436.78
117539	YES COMPANIES EXP2 WFC LLC MARNELLE	1512 W HWY 54	922,360	\$3,019.65
13987	ABERDENN WOODS CONFERENCE CENTER	201 ABERDEEN PKWY	835,630	\$2,745.29
GRAND TOTAL:			42,061,602	\$162,841.76