

# Metro Water District Education & Outreach Update

## *My Drop Counts and Curriculum*

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Natural Resources Group





How many gallons of water does EPA estimate the average American family of four use every day?

- a. 100 gallons
- b. 200 gallons
- c. 300 gallons
- d. 400 gallons

How many gallons of water can you save by turning off the tap when brushing your teeth in the morning and at night?

- a. Up to 2 gallons
- b. Up to 4 gallons
- c. Up to 6 gallons
- d. Up to 8 gallons



In the average household, which of the following wastes the MOST water per day?

- a. Running the tap while washing dishes
- b. Using a garbage disposal
- c. A leaky toilet
- d. Long showers

20-60%

**REBATE**

**FOR EVERY TOILET  
YOU REPLACE\***

By replacing old, inefficient toilets with WaterSense labeled models, the average family can **reduce water used for toilets by 20 to 60 percent**—that's nearly 13,000 gallons of water savings for your home every year!

\* See eligibility guidelines for details.



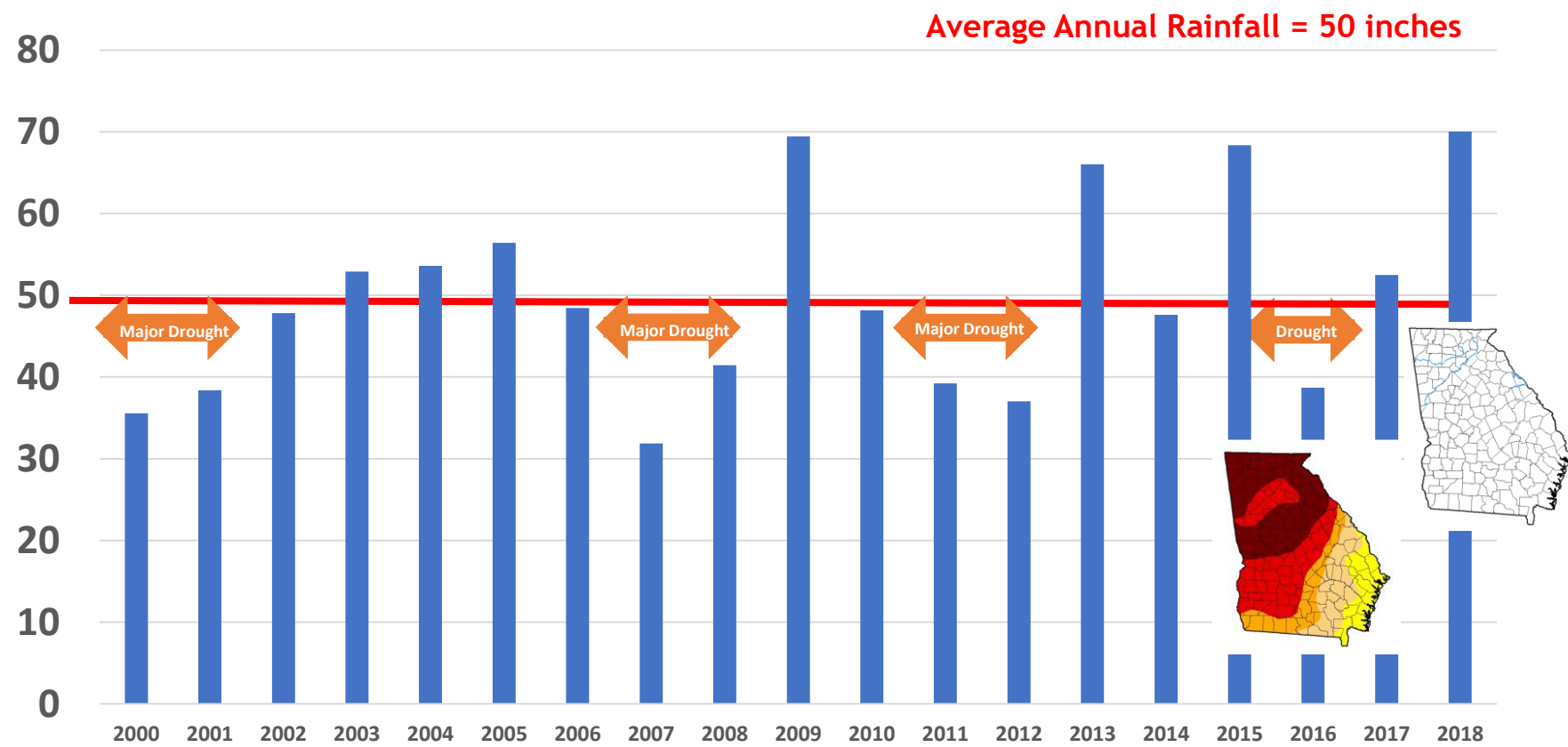
# Metro North Georgia and Its Water Resources

- The region is underlain by granite bedrock
- Groundwater use is limited
- Surface water is 99% of our supply





Cascade Springs Nature Reserve  
Courtesy: William Ponder



What are we doing to make an  
impact on our water use?





**MY DROP  
COUNTS!**



# At Work

Sign up and pledge to reduce your business's water footprint!

[www.mydropcounts.org/business](http://www.mydropcounts.org/business)

## BRONZE

To qualify for Bronze Water Saver status as a building owner, your organization must meet the following criteria:

**Minimum 15 points**

## SILVER

To qualify for Silver Water Saver status as a building owner, your organization must meet the following criteria:

**Minimum 30 points**

## GOLD

To qualify for Gold Water Saver status as a building owner, your organization must meet one of the following criteria:

**Minimum 45 points**

## PLATINUM

To qualify for Platinum Water Saver status as a building owner, your organization must meet one of the following criteria:

**Minimum 55 points AND pledge to be Water Neutral**





# At Home

Pledge to reduce your household water use!

[www.mydropcounts.org/pledgeforhome](http://www.mydropcounts.org/pledgeforhome)



Over 3,600 Home Pledges since launch in 2011

Over 500 since relaunch in April 2018

CONSERVATION

TIP  
#1

TAKE THE  
PLEDGE  
AT  
MyDropCounts.org

Replace your old **toilet** and showerheads.

Save **16 gallons** of water a day!



CONSERVATION

TIP  
#2

TAKE THE  
PLEDGE  
AT



Turn off your faucet **while brushing** your teeth.

Save **6 gallons** of water a day!



CONSERVATION

TIP  
#3

TAKE THE  
PLEDGE  
AT  
MyDropCounts.org

Water only when necessary.

Conserve **water** today!



CONSERVATION

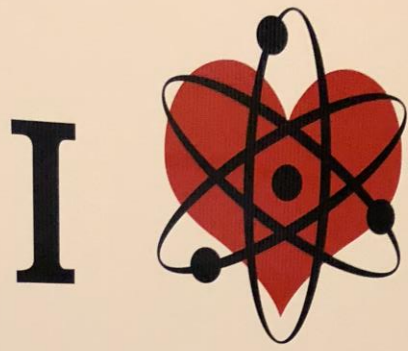
TIP  
#4

TAKE THE  
PLEDGE  
AT  
MyDropCounts.org

Shorten your **shower** by 2 minutes.

Save **5 gallons** of water a day!





**I**  
**SCIENCE!**

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**GSTA  
EXHIBIT HALL  
HOURS**

**Thursday  
8am-5pm**

**Friday  
8am-5pm**

**DOOR PRIZE  
GIVEAWAY  
Friday: 5pm**

# Enhancing Georgia's Science Curriculum

*to Promote Our State's  
**Unique Water Story**  
and Challenges*

# Mapping My Water Activity

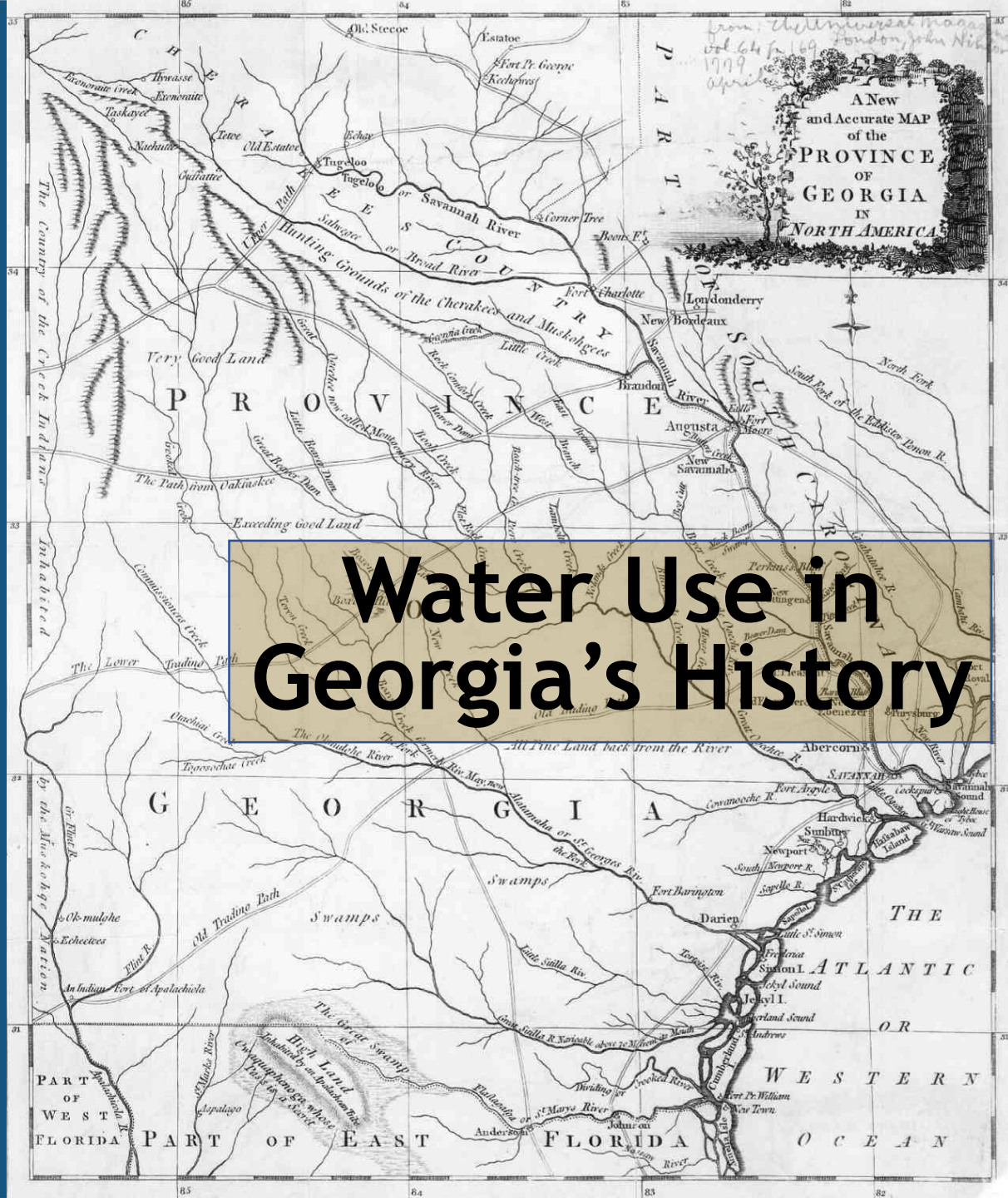
Indicate the following on your map:

- The county you live in
- The fall line
- The ecoregion you live in
- The major river basin you live in
- The area of the state where surface water is used most as drinking water supply
- The area of the state where groundwater is use most as drinking water supply
- In which part of the state is most water used for agriculture?  
For industry? For residential consumption?
- Name where your drinking water comes from



# Metro Atlanta's Water Story





- Native peoples and early colonizers used water for transportation and for transporting goods
- First settlements typically along rivers
- 20<sup>th</sup> century saw an increase water use for industry and power production
- Federal dams in mid-20<sup>th</sup> century enabled population centers to grow independently of large water supplies
- Our water story changes every day!

# Major Needs for Georgia's Water

- Residential
- Commercial
- Agriculture
- Industry
- Power Generation
- Recreation
- Transportation
- Environment



Source: AJC



# Georgia's Other Water Planning Councils



# Goal: Enhance the State's Science Curriculum

- In the short-term, we'd like to provide Georgia-focused resources to enhance teachers' lessons based on current curriculum standards
- In the long-term, we'd like to work on enhancing state curriculum standards

# Questions?

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