

**Puddle Puzzles**

**Conserve Water**

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**What is Georgia’s rainiest month?**

**July**

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**Average annual rainfall for**

**metro Atlanta**

# About 50 inches

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**The Atlanta metro area depends on this river for 70% of its drinking water**

**The Chattahoochee River**

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**100 miles**

**How many miles of coastline is there in Georgia?**

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**Coosa River**

This 280 mile river is formed from the Etowah and Oostanaula Rivers. It leaves GA west of Rome, crosses into Alabama, joins the Tallapoosa River, and becomes the Alabama River

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The Federal Water Pollution Control Act of 1948 is known today as this

**The Clean Water Act (1972)**

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**This agency is charged with protecting Georgia’s air, land and water resources through the authority of state and federal environmental statues**

**Georgia Environmental Protection Division**

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This Act (signed into law in 1975) relates to land disturbing activities, such as clearing, dredging, grading, excavating, transporting and filling of land

**The Georgia Erosion and Sedimentation Act**

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The presence of this in aquatic environments may indicate that the water has been contaminated with the fecal material of humans or other animals

**Fecal Coliform**

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**Groundwater**

**Water found below the surface of the earth**

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**The study of the physical, chemical, and biological components of fresh water**

**Limnology**

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**Specific examples of nonpoint source pollution**

# Mud

**Litter**

## Bacteria

**Pesticides**

**Fertilizers**

**Metals**

**Oils**

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**Pollution caused by rainfall moving over and through the ground, picking up and carrying natural and human-made pollutants, depositing them into lakes, rivers, wetlands and coastal waters**

**What is Nonpoint Source Pollution?**

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# Coosa

**Flint**

**St. Mary’s**

**Satilla**

**Suwanee**

**Tallapoosa**

**Tennessee**

**Altamaha**

**Ocmulgee**

**Oconee**

**Savannah**

**Chattahoochee**

**Ochlockonee**

**Ogeechee**

River Basins in Georgia

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**Savannah River**

**This 300+ mile river forms the boundary between Georgia and South Carolina**

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**Total Maximum Daily Load-the amount of pollution a waterway can sustain while still meeting water quality standards**

**What is a TMDL?**

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**The path water takes through its various states (vapor, liquid, solid) as it moves throughout Earth’s systems**

**The Water Cycle**

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**This law is designed to “create a culture of water conservation in the state of Georgia."It requires local governments to adopt or amend specific water conservation practices.**

**The 2010 Georgia Water Stewardship Act**

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**Watershed**

**An area of land from which water drains into a stream channel, river, lake, reservoir or other body of water; also called a drainage basin.**

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**Benjamin Franklin-**

**Poor Richard’s Almanack (1746)**

**Who said, “When the well is dry, we know the worth of water”?**