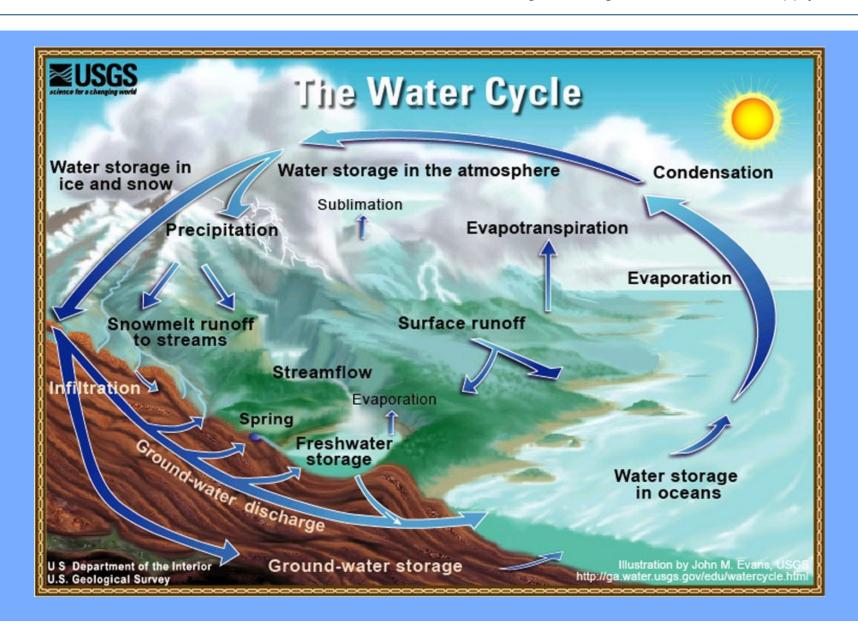


PANELISTS

- Roger McNeil (National Weather Service) –
 Drought Tools and Indicies
- David Moore (Troutman Sanders) –
 Legal Perspective
- Alan Peeples (Alabama Power) –
 Operational Perspective



















HYDRO GENERATION

Peaking Operations

Meet Power Demands

Baseflow Operations

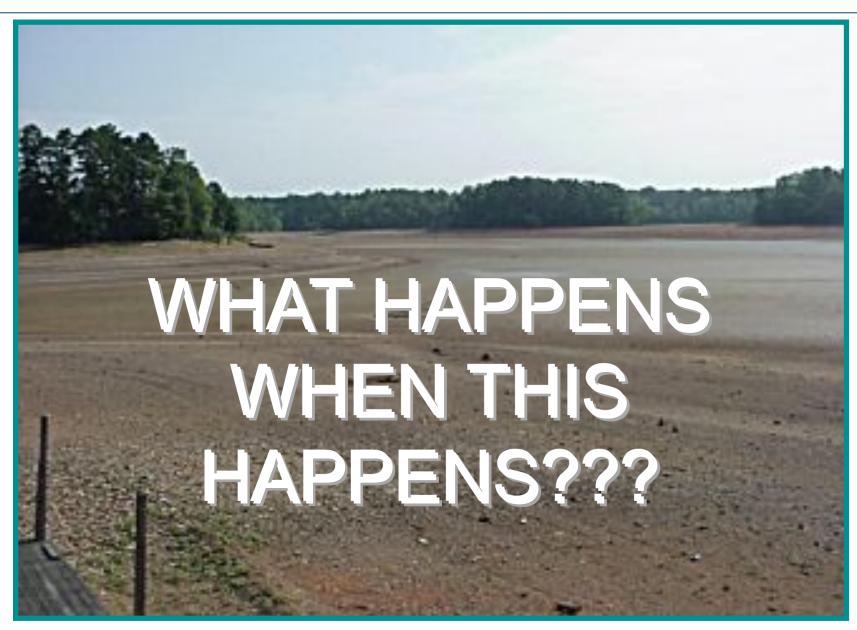
Maintain Min Flow

Aquatic

Wastewater

Raw Water Intakes

Navigation



IMMEDIATE EFFECTS

Water Restrictions

- Municipal
- Irrigation

Recreation

Access Restrictions

Environmental

- Reduction in Suitable Habitat
- Water Quality Concerns

Power Production

- Water = Fuel
- Thermal Derates, Steam Production, Air Pollution Control

RIPPLE EFFECTS

Water Restrictions

- Industries that rely on process water shut down
- Job losses
- Economic growth concerns
- Navigation concerns (in some areas)

Recreation

Loss of tourism dollars

Environmental

- Saltwater intrusion near coastal areas
- Increase in private groundwater wells

Power Production

- Grid stability issues
- Off-channel Water Supply Reservoirs
- Increased use of non-renewable energy sources (particularly combustion turbines)

WILL WE KEEP REPEATING THIS CYCLE???

