

An aerial photograph of a large dam, likely the Glen Canyon Dam, featuring a prominent curved concrete structure. In the background, a suspension bridge is visible against a backdrop of rugged, rocky terrain. The image is overlaid with a dark blue semi-transparent rectangle containing white text.

# Comparing the Colorado River with the ACT and ACF River Basins

# The Colorado River Basin



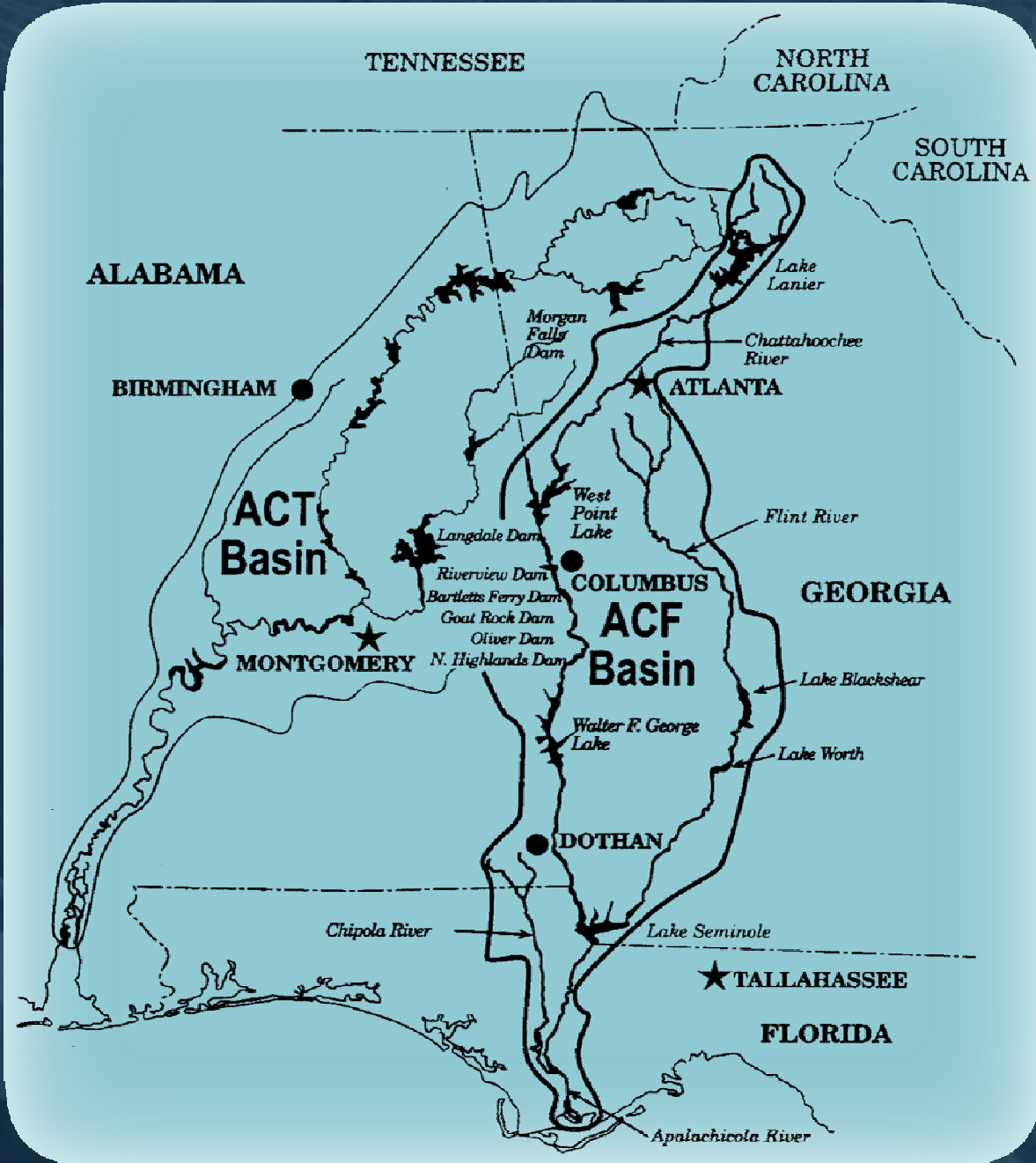
# Colorado River Facts

- Serves 7 states and 2 countries
- Basin is 1/12 of continental US, 1350 miles long, 30 million people, over one million acres of irrigation
- 7 national parks, four recovery programs, USBR, mostly cooperative
- 2 to 30 inches of precipitation, 15 maf virgin flow, 0 discharge at mouth, 16.5 maf allocated
- 10 dams, 60 maf storage, 3000 mw of power
- Long established legal frame work

# ACF/ACT Basins

- Apalachicola/Chattahoochee/Flint Rivers
- Alabama/Coosa/Tallapoosa Rivers

# ACF/ACT Basins



# ACF Facts

- Serves 3 states
- Basin is 1/60<sup>th</sup> of continental US, 800 miles long
- 40 to 60 inches of rainfall, 50 maf flow at mouth
- 16 dams, 5.2 maf storage, 2100 mw of power
- M&I, irrigation, navigation
- Limited legal framework, lack of cooperation, COE

# ACT Facts

- Serves two states
- Basin is 1/60 of continental US, 770 miles long
- 40-60 inches of rainfall, 50 maf flow at mouth
- 18 dams, 5.2 maf storage, 2100 MW power
- M&I, irrigation, navigation

# ACF Issues

- Limited legal framework
- Litigation
- Atlanta growth
- Lack of storage
- Endangered species

# ACT Issues

- Limited legal framework
- Litigation
- Atlanta growth
- Lack of storage

# ACT/ACF Solutions

- COE EIS
- Negotiation of compact
- Supreme Court
- Infrastructure
- Move Georgia state boundaries

# Colorado River Issues

- Mexico
- Compact
- Growth
- Climate change/drought
- Over-allocation
- Long term shortage

# Colorado River Solutions

- Negotiation/cooperation
- Augmentation – cloud seeding, conservation, reuse, desal, importation



An aerial photograph of a large concrete dam, likely the Hoover Dam, viewed from above. The dam's curved structure and spillways are visible. The image is overlaid with a semi-transparent blue filter. It is framed by two vertical wooden planks on the left and right sides, giving it the appearance of a photograph in a photo album.

**That's all folks!**