



GEORGIA'S TRANSPORTATION SYSTEMS



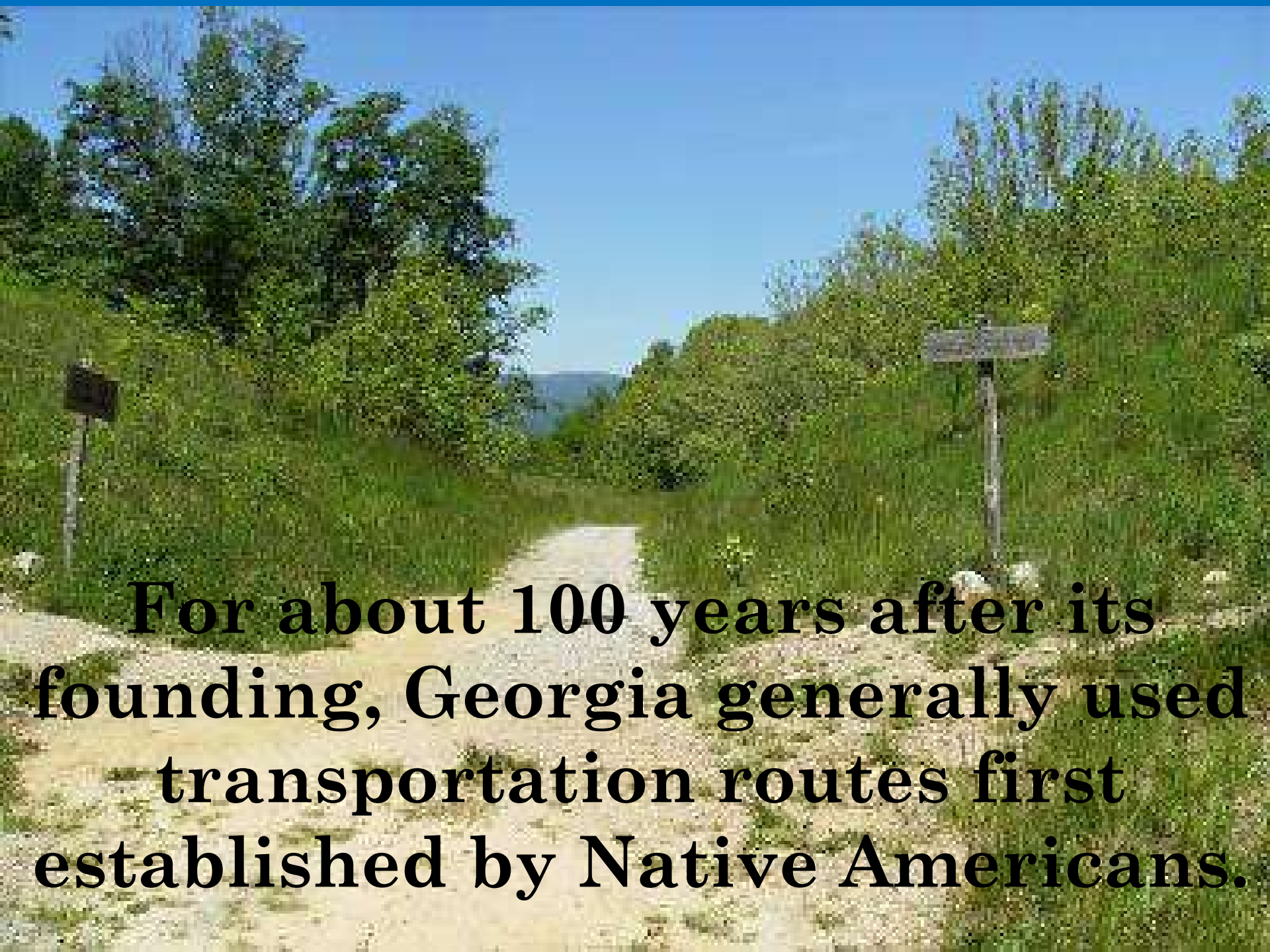
Essential Question

How have Georgia's transportation systems (air, land, water, railroads) changed over time and affected human activity and economic opportunities?

Georgia's waterways provided transportation and food for early Indian tribes.

When European settlers arrived, they set up trading posts and established temporary and permanent settlement sites on river bluffs (steep riverbanks).






For about 100 years after its founding, Georgia generally used transportation routes first established by Native Americans.

Atlantic Ocean



- Georgia has more than 100 miles of coastline
- Begins at the Savannah River and goes to the St. Mary's River

Savannah River

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- ◆ By the time Hernando de Soto reached the Savannah River in 1540, Indians had traveled the 314 mile long waterway for many years. **They called it Isondega (means blue water)**
 - ◆ Along the border of South Carolina, **the river spreads into three lakes: Strom Thurmond Lake, Lake Russell, and Hartwell Lake**
 - ◆ The Savannah River is the only river that flows into Georgia from outside its borders.

Chattahoochee River



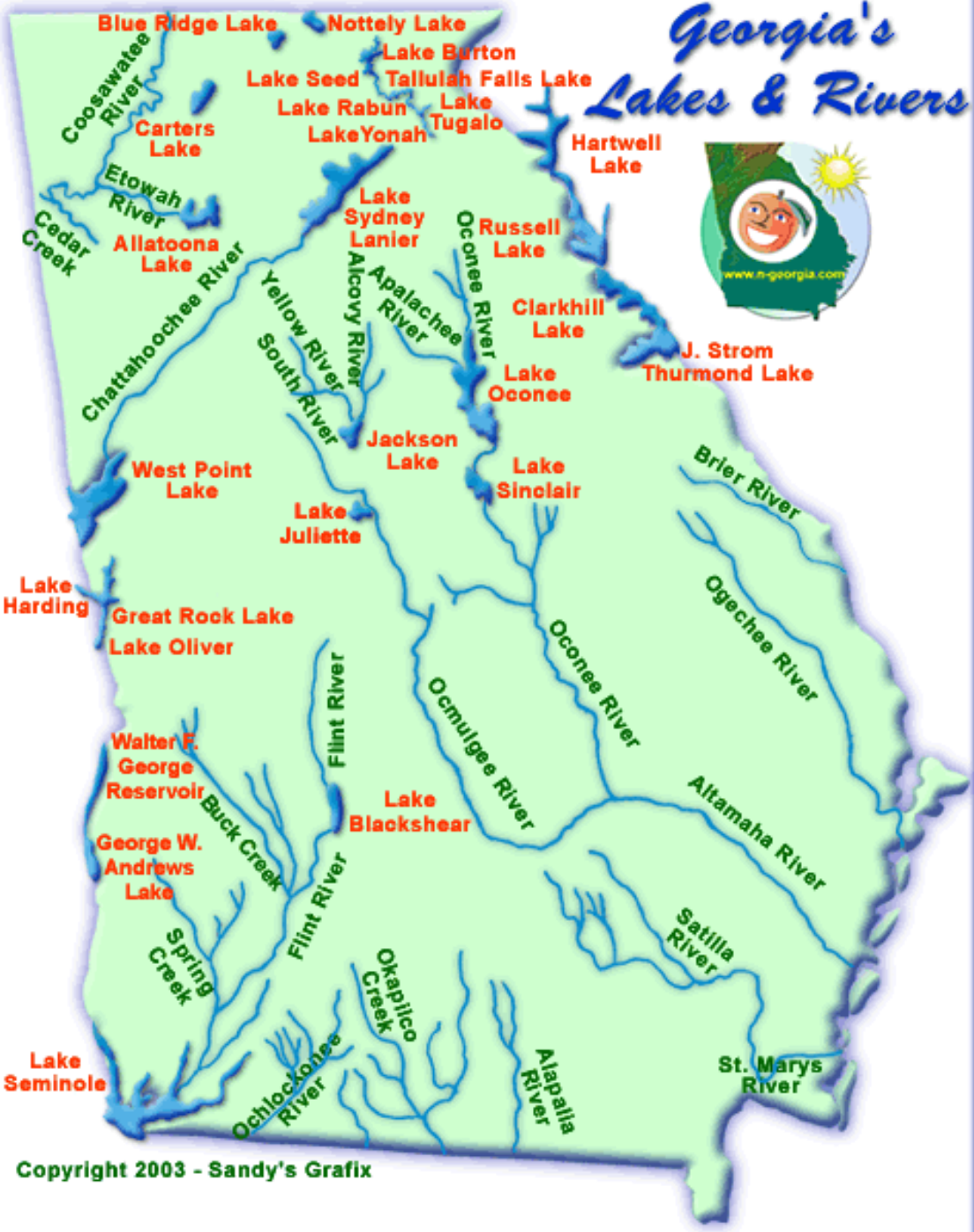
- ◆ **Name comes from the Cherokee and means “river of the painted rock.”**
- ◆ **Flows 436 miles from the mountains of North Georgia to the Gulf of Mexico.**
- ◆ **Part of the southern section forms the natural border between Georgia and Alabama.**
- ◆ **Chief Cities along its banks include: Gainesville, Atlanta and Columbus.**
- ◆ **Major man-made lakes along its path include: Lake Lanier, West Point, and Walter F. George Reservoir**



There are 3 primary functions of the Chattahoochee and Savannah Rivers:

- Provide drinking water**
- Hydroelectric power**
- Travel/transportation**

Georgia's Lakes & Rivers



Georgia's
waterways
serve as
important
inland
“highways” for
social,
political, and
economic
growth.

- recreation
- water resources for towns & cities
- source of food



DEEPWATER PORTS

Savannah & Brunswick

SAVANNAH PORT



- One of the most important containerized ports in the United States.
- 5th largest container ports in the nation.

BRUNSWICK PORT



■ Concentrates on auto shipping, heavy equipment, farm machinery, agricultural products, and luxury tour buses.



INLAND PORTS

Bainbridge & Columbus

A scenic view of a river flowing through a dense forest. The river is the central focus, with a rocky area in the middle. A large tree is on the left bank. The water is clear and reflects the surrounding greenery.

**Located on the Apalachicola-
Chattahoochee-Flint River System**

Provide low-cost transportation services primarily for agricultural and industrial commodities to and from the Gulf of Mexico and major markets in the southeastern United States.

PORTS

- \$1.8 billion in annual income
- Provide over 81,000 jobs
- Pay over \$585 million in state and local taxes
- Over 90 steamship lines serve Georgia, which leads the South Atlantic region in foreign cargo handled.



Brunswick and Savannah are located close to **two major interstate highways (I-95 and I-16)** and to key railroad hubs.



From Georgia, goods are two truckload days from 82 % of the United States industrial marketplace and 79 % of the nation's largest consumer markets.





Over 100 motor freight carriers serve the metropolitan areas of Georgia. The state has 35 scheduled carriers, 2,200 intrastate haulers, and 25,000 interstate truckers serving the state.



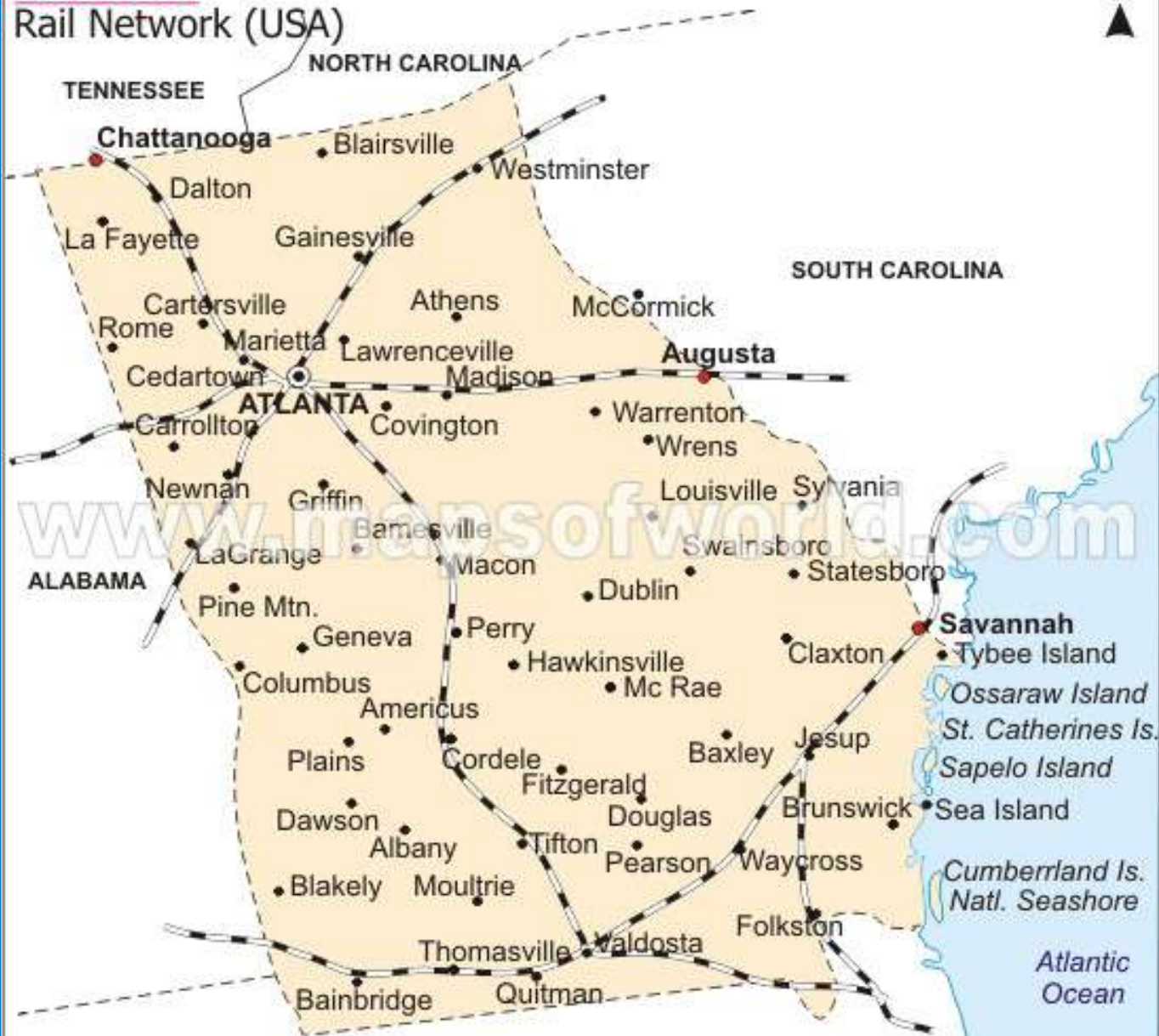
**Georgia's two major
railroad lines:**

CSX

Norfolk Southern

GEORGIA

Rail Network (USA)



LEGEND

- Railway Network
- Major Town
- State Capital
- Other Town

Map not to scale

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□ Georgia's first railroad tracks were laid in the mid-1830s on routes leading from Athens, Augusta, Macon, and Savannah.

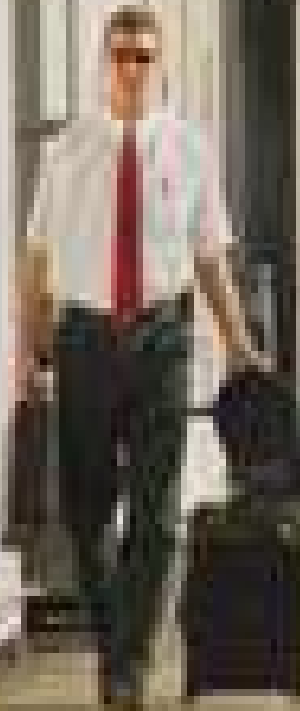


□ Some 25 years later, the state not only could claim more rail miles than any other state in the Deep South but also had linked its major towns and created **a new rail center, Atlanta.**



- The railroads continued to expand until the 1920s, when a long decline began that lasted into the 1990s.
- Today, the state's rail system is a strong, 5,000-mile network.

Amtrak's Crescent train is shown pulling into the Brookwood Station in Atlanta. The Crescent route runs from New York to New Orleans, Louisiana. Passenger service is available in Georgia through two Amtrak routes.





- ❑ In 1926, the first air mail service in the region began from Chandler Field.
- ❑ In 1929, Delta Air Lines began passenger service between Atlanta and Dallas.
- ❑ In 1930, Eastern Air Lines began serving Atlanta.



□ Wanting to do even better, the city of Atlanta bought Candler Field in 1930 and began building hangers and lengthening runways. The rest is history...



Hartsfield-Jackson Atlanta International Airport



Hartsfield-Jackson Atlanta International Airport, named for former Atlanta mayors William B. Hartsfield and Maynard Jackson, has a main terminal, six concourses, and nearly 200 gates.

Hartsfield-Jackson Atlanta International Airport

- **one of the busiest passenger airports in the world.**
- In an average weekday afternoon, 500 aircraft may be in the air flying toward Hartsfield-Jackson, and an equal number may be in the air after departing it.
- In an average month, about 80,000 flights and more than 7 million passengers pass through the airport on flights scheduled with 21 airlines.
- At the same time, the airport will handle about 53,700 metric tons of cargo and more than 60,000 metric tons of mail on airliners and cargo aircraft operated by 20 companies.