

# Ch 1.3: Maps

*The student will be able to...*

- *Recognize and use map legends and symbols in reading maps.*
- *Infer information about distances using a map legend.*



# Maps

- ▶ A flat representation of the earth's surface.



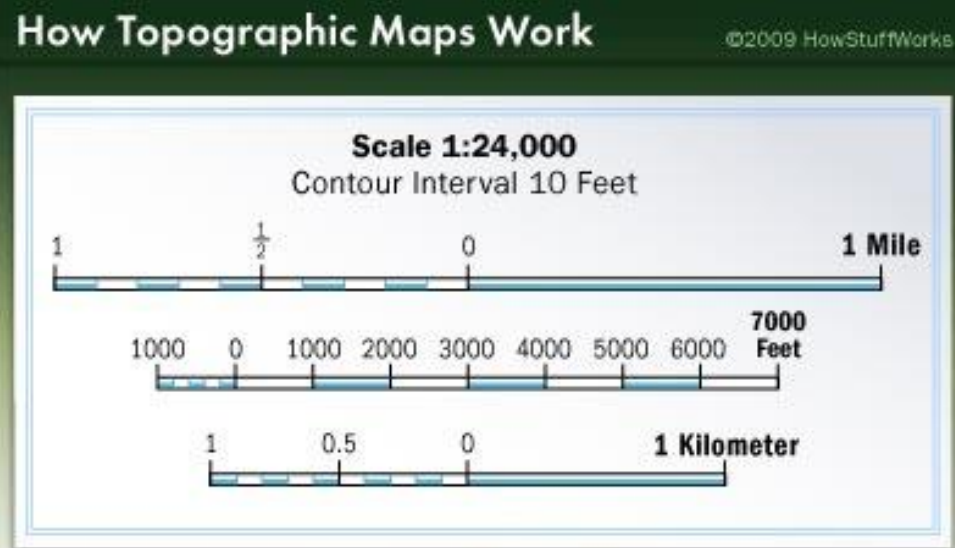
# Compass

- ▶ A compass is a tool that helps the user know what direction one is headed.
- ▶ On a map, a compass or a compass rose helps the user locate these directions.



# Scale

- ▶ Maps are made to scale; that is, there is a direct connection between a unit of measurement on the map and the actual distance.



## Example Scale

1 inch = 24,000 inches (2000 ft)

# United States

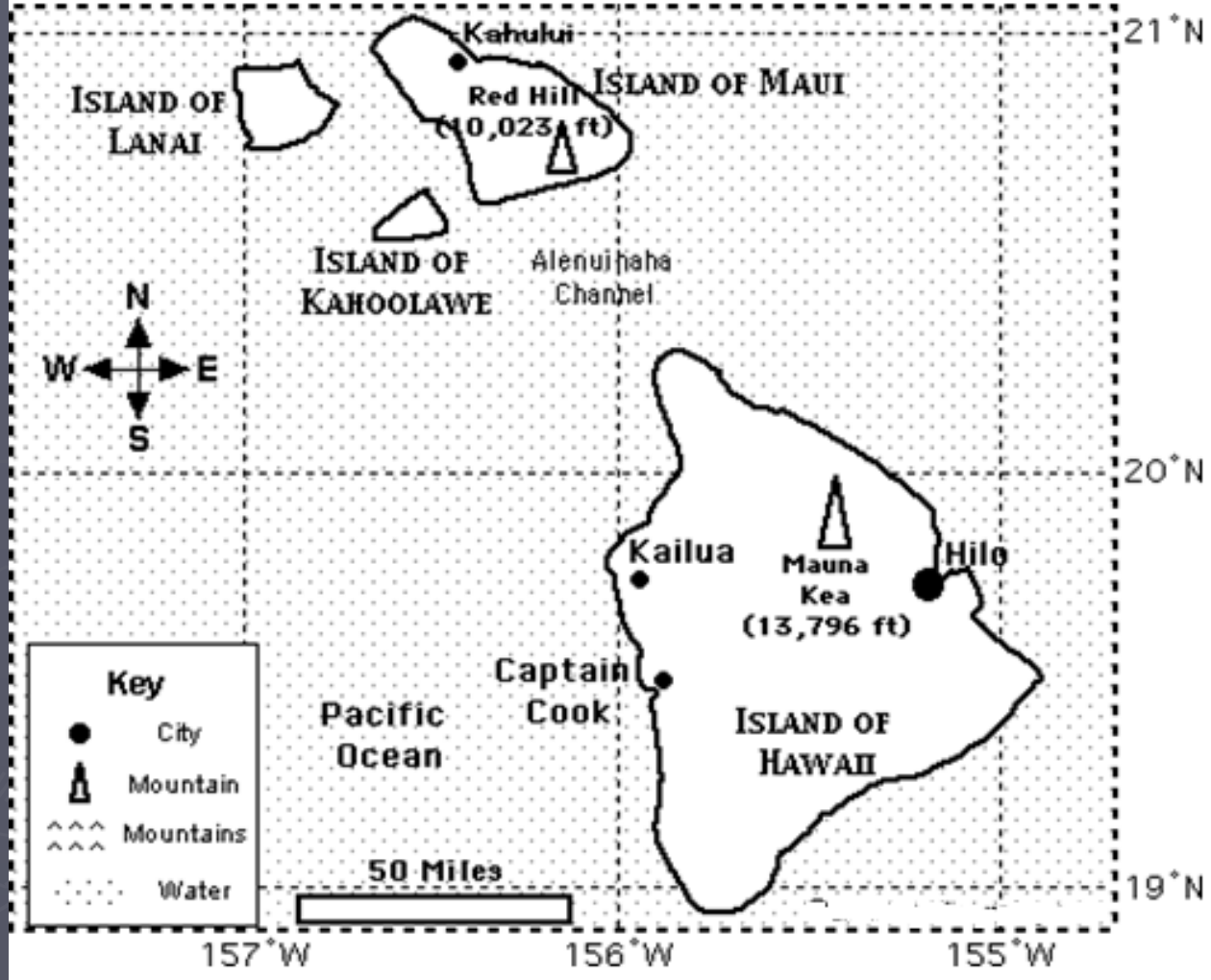
## Interstate Highway System/ Time Zones



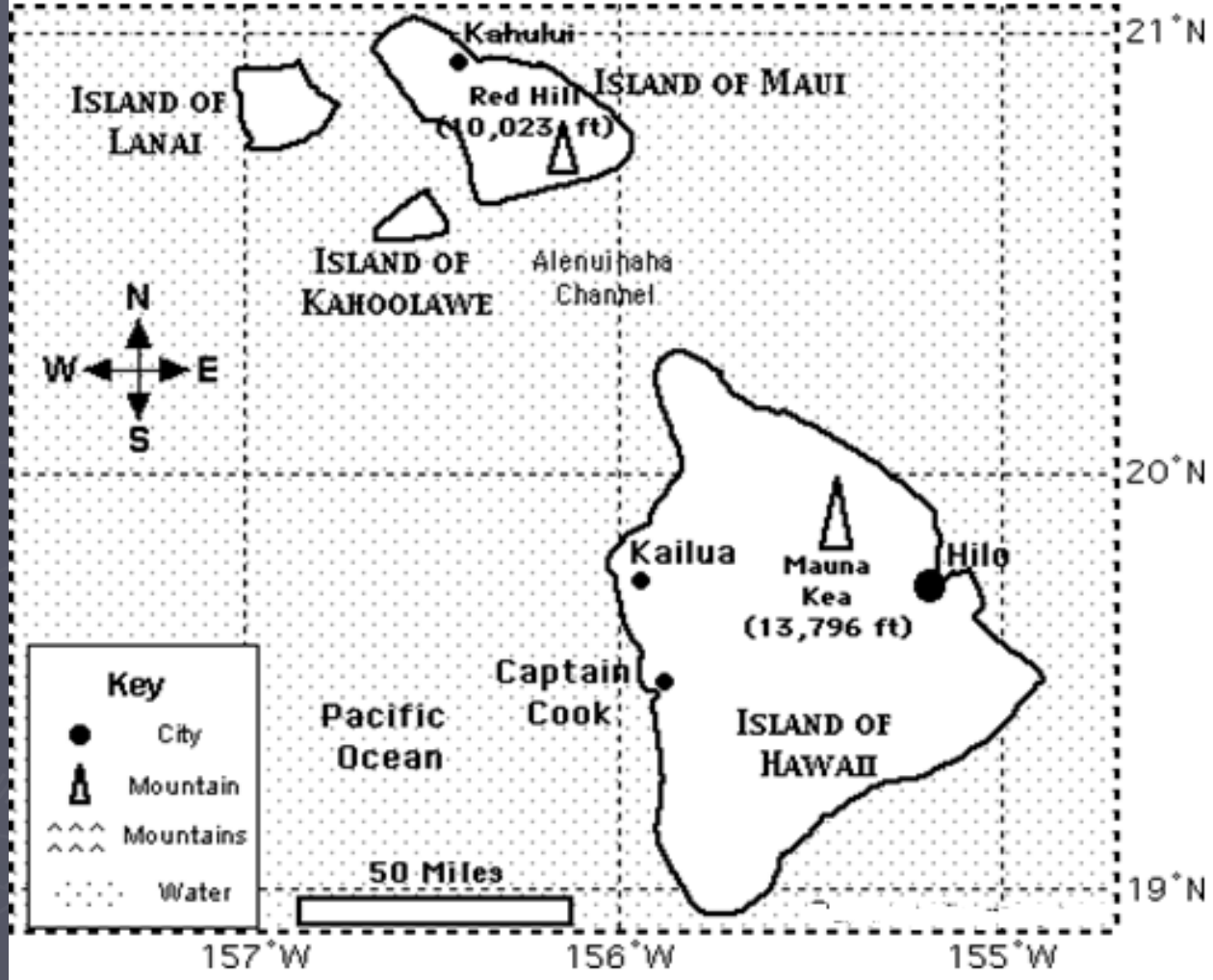
# Map Legends or Key

- ▶ The legend is the key to unlocking the secrets of a map. Objects or colors in the legend represent something on the map.

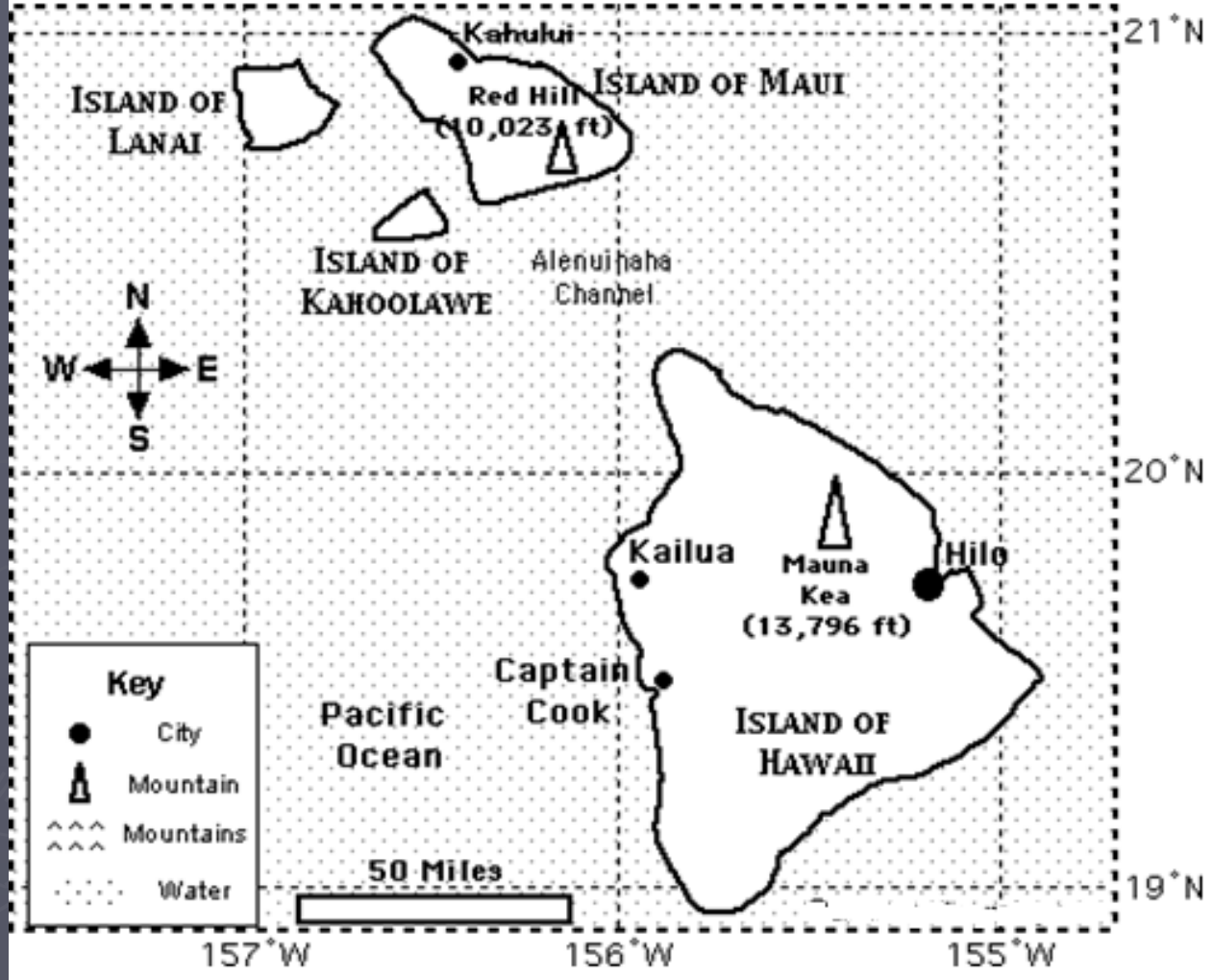




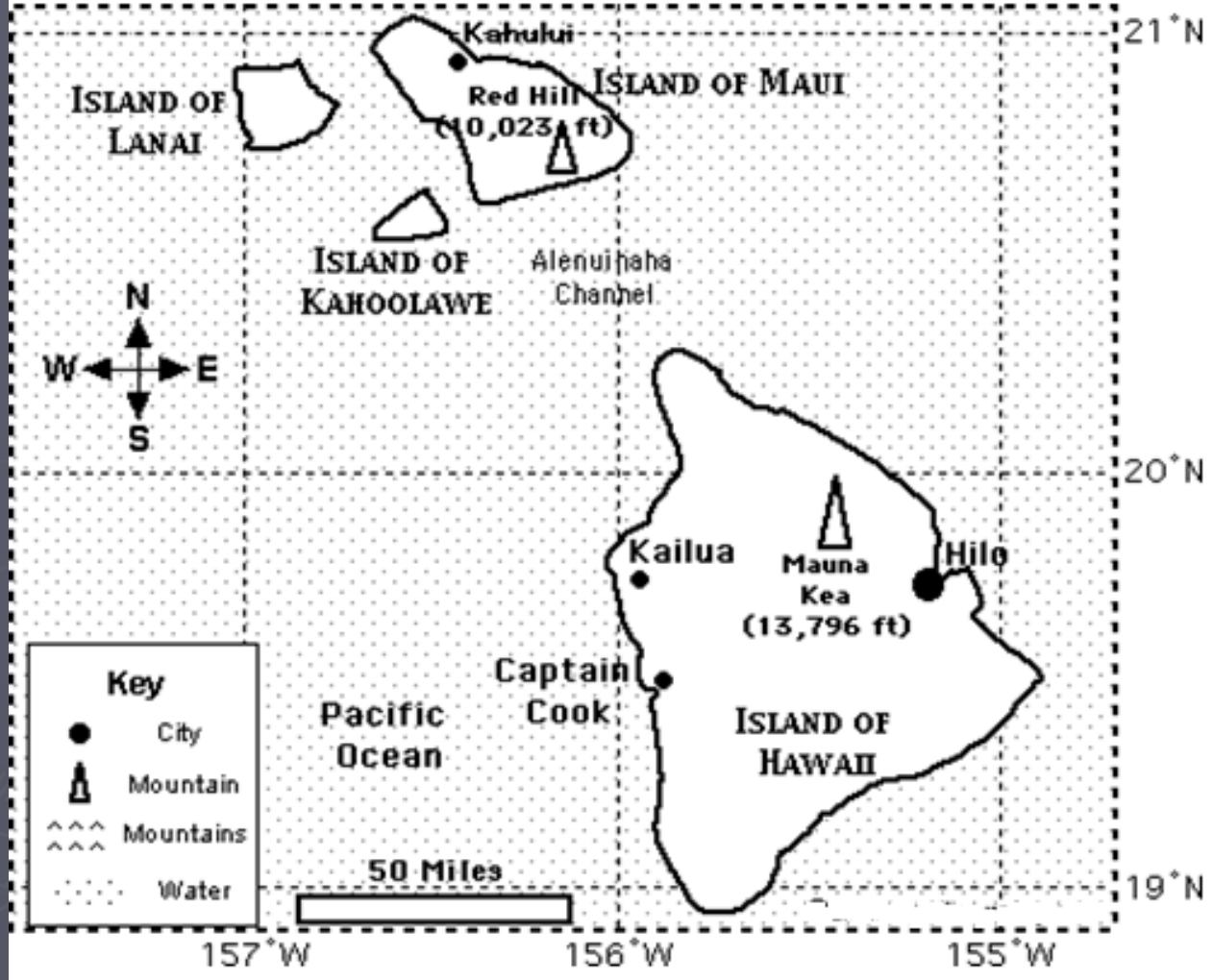
- ▶ 1. What is the name of the largest island above?



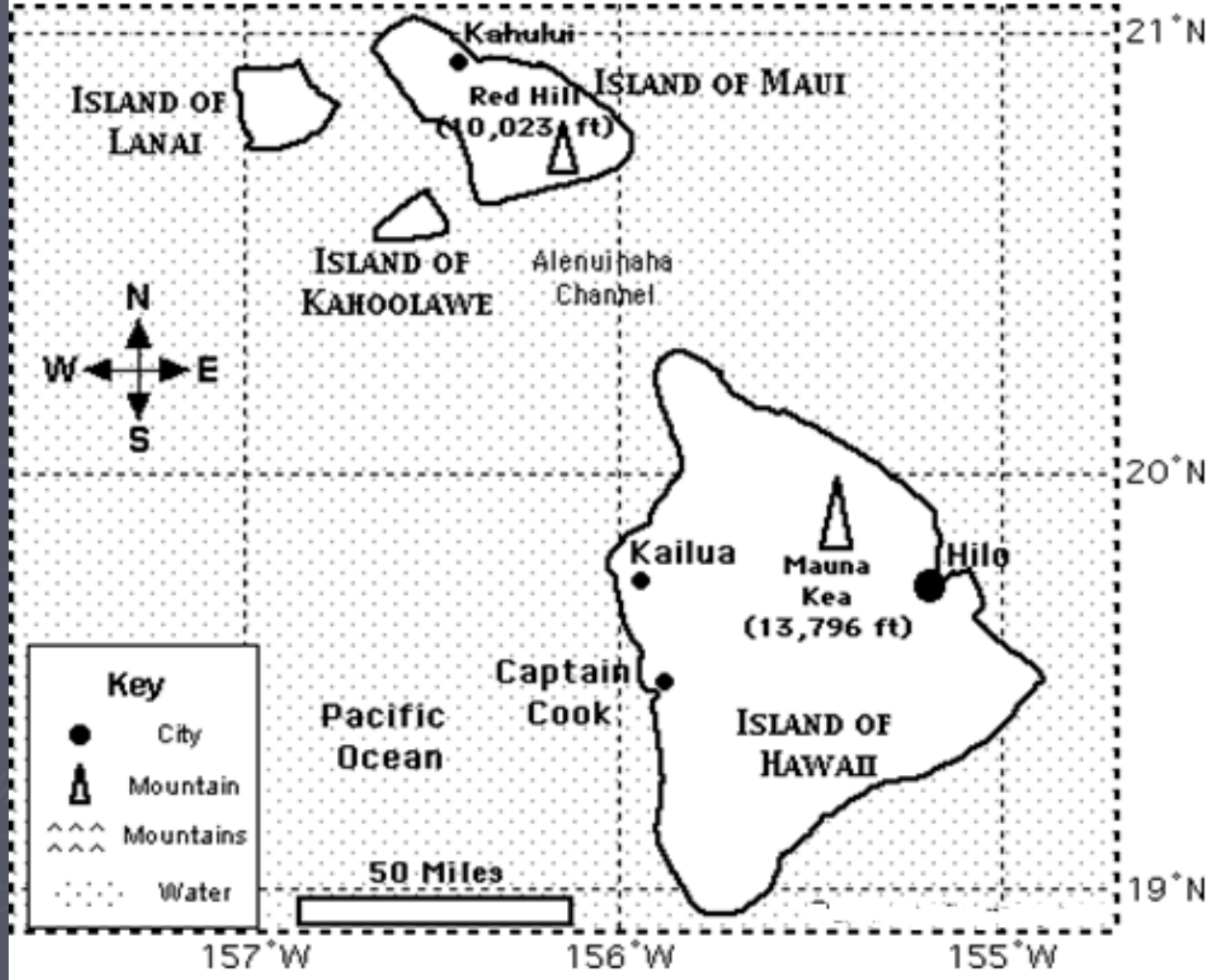
- ▶ 2. What is the name of the ocean in the map?



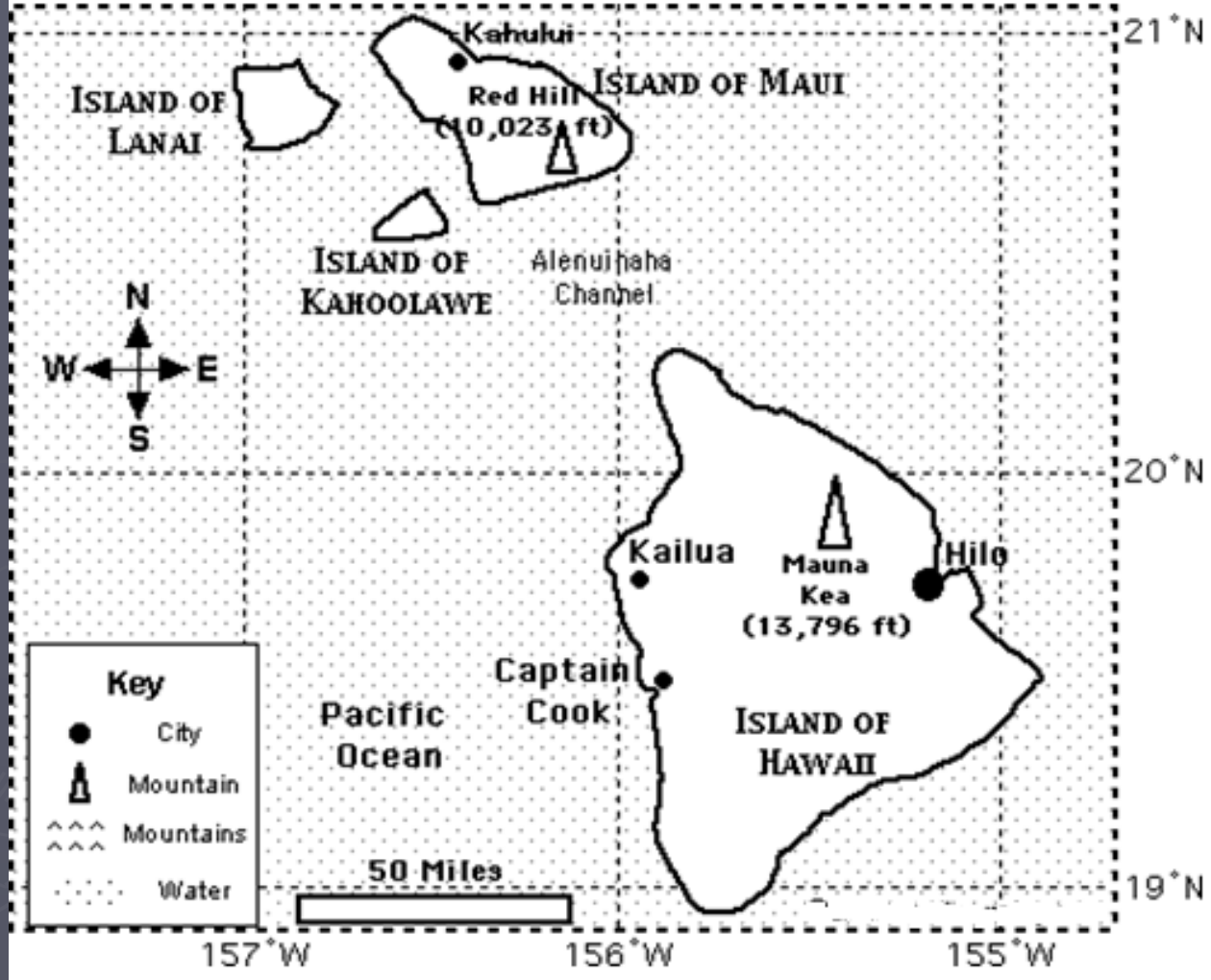
► 3. Which island is farthest west?



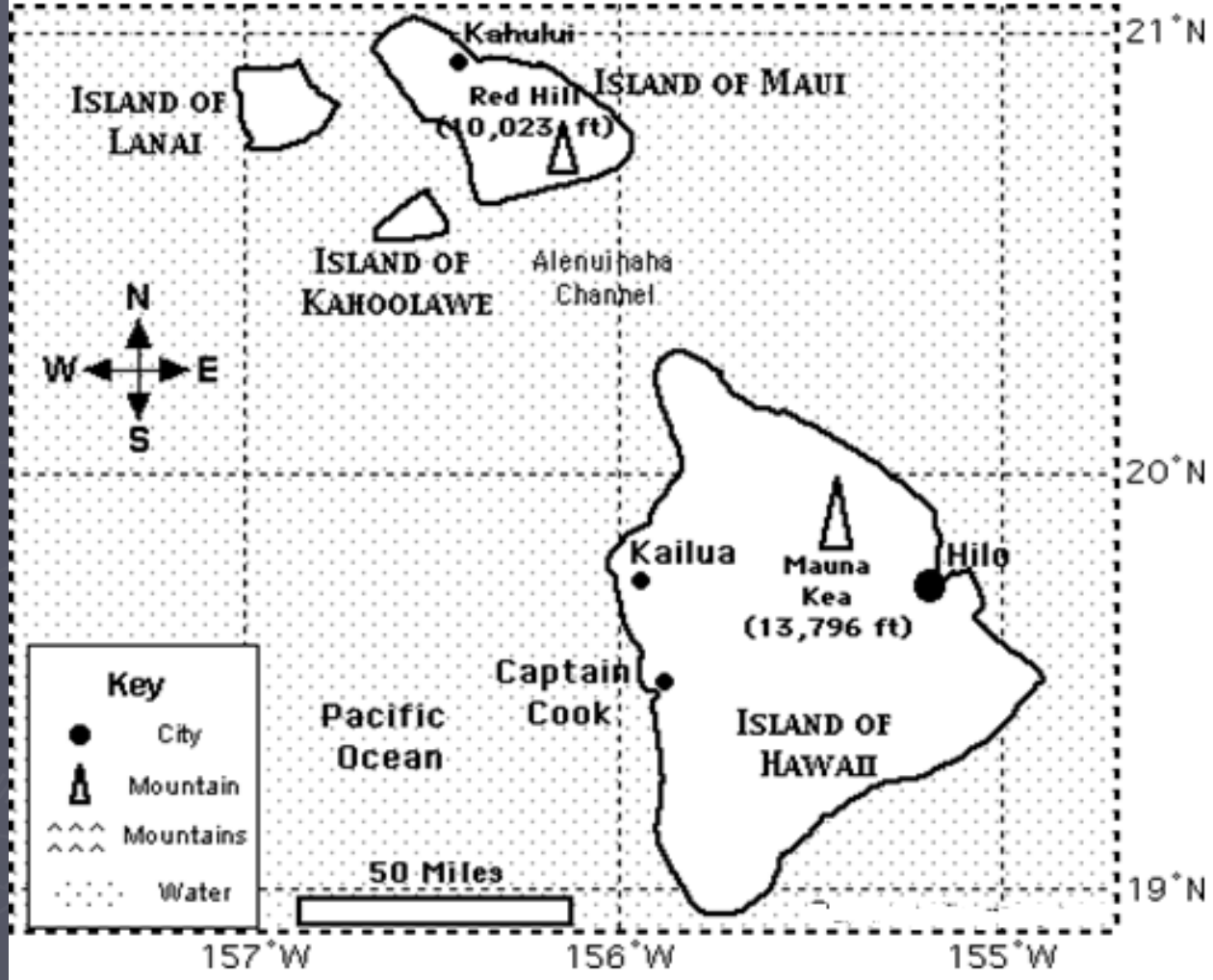
► 4. How high is the tallest mountain?



- 5. About how many miles is it from Hilo to Captain Cook?

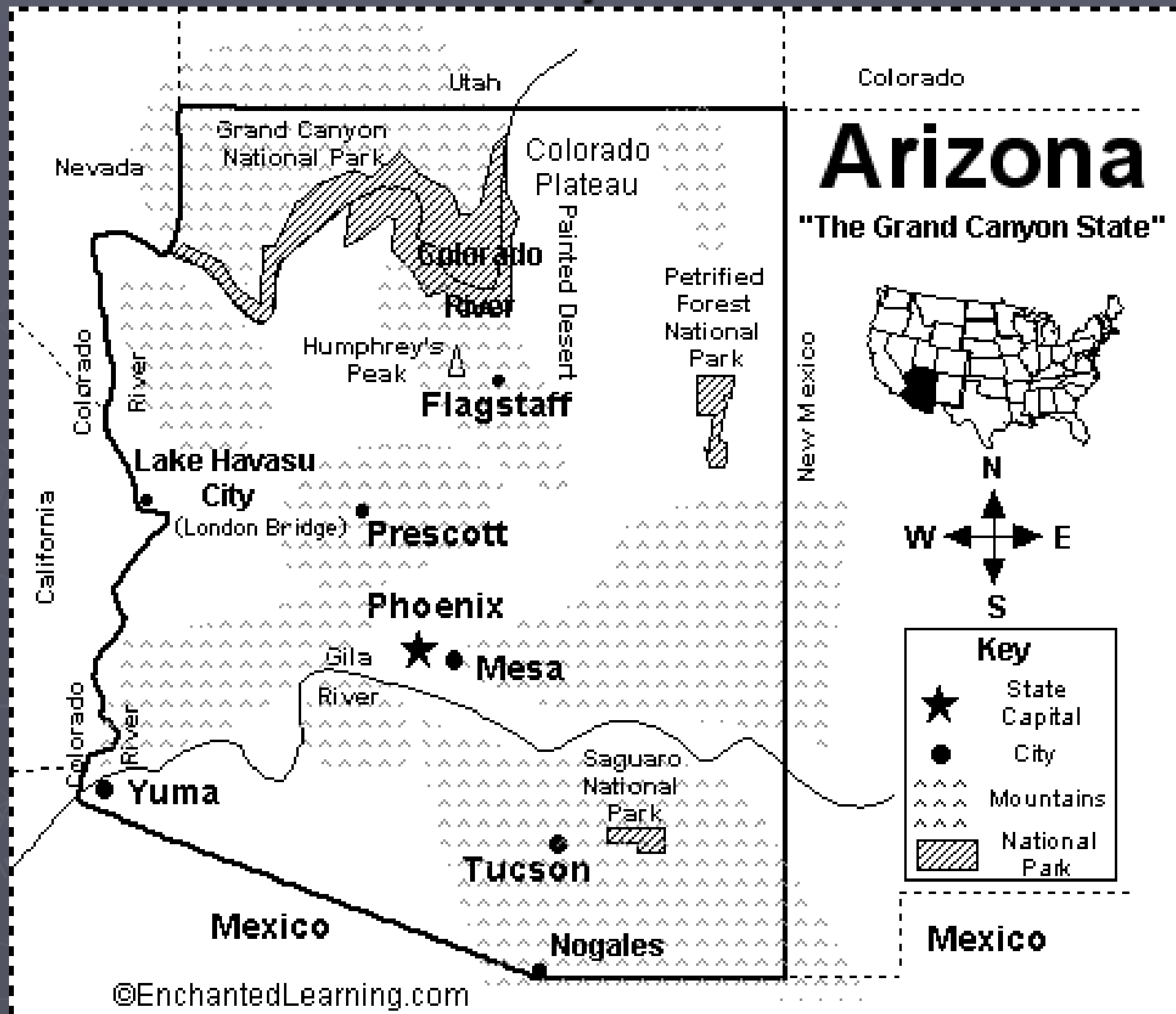


- ▶ 6. What direction would you travel to go from Hilo to Mauna Kea?

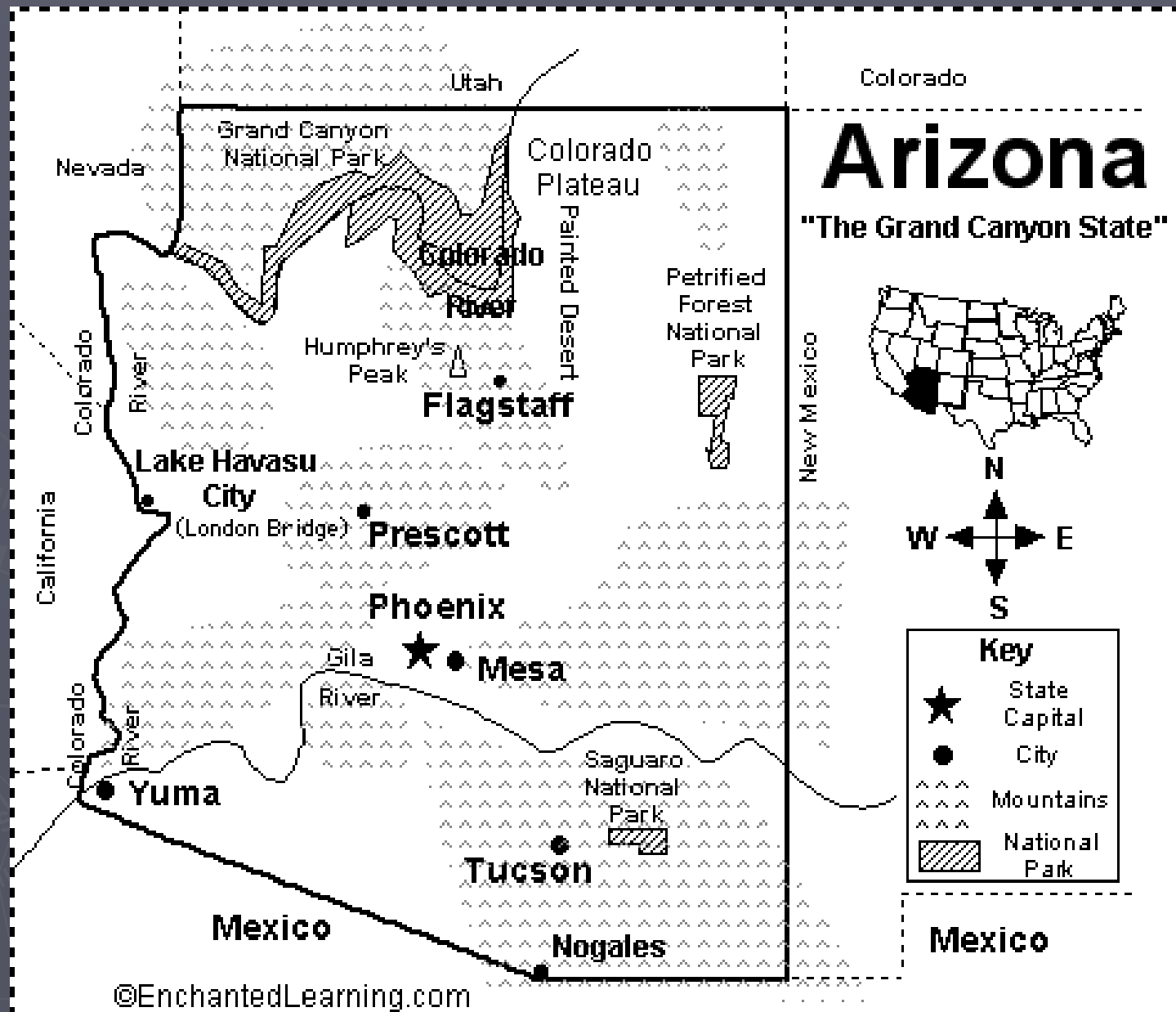


- ▶ 7. About how many miles is it from Hilo to Kahului?

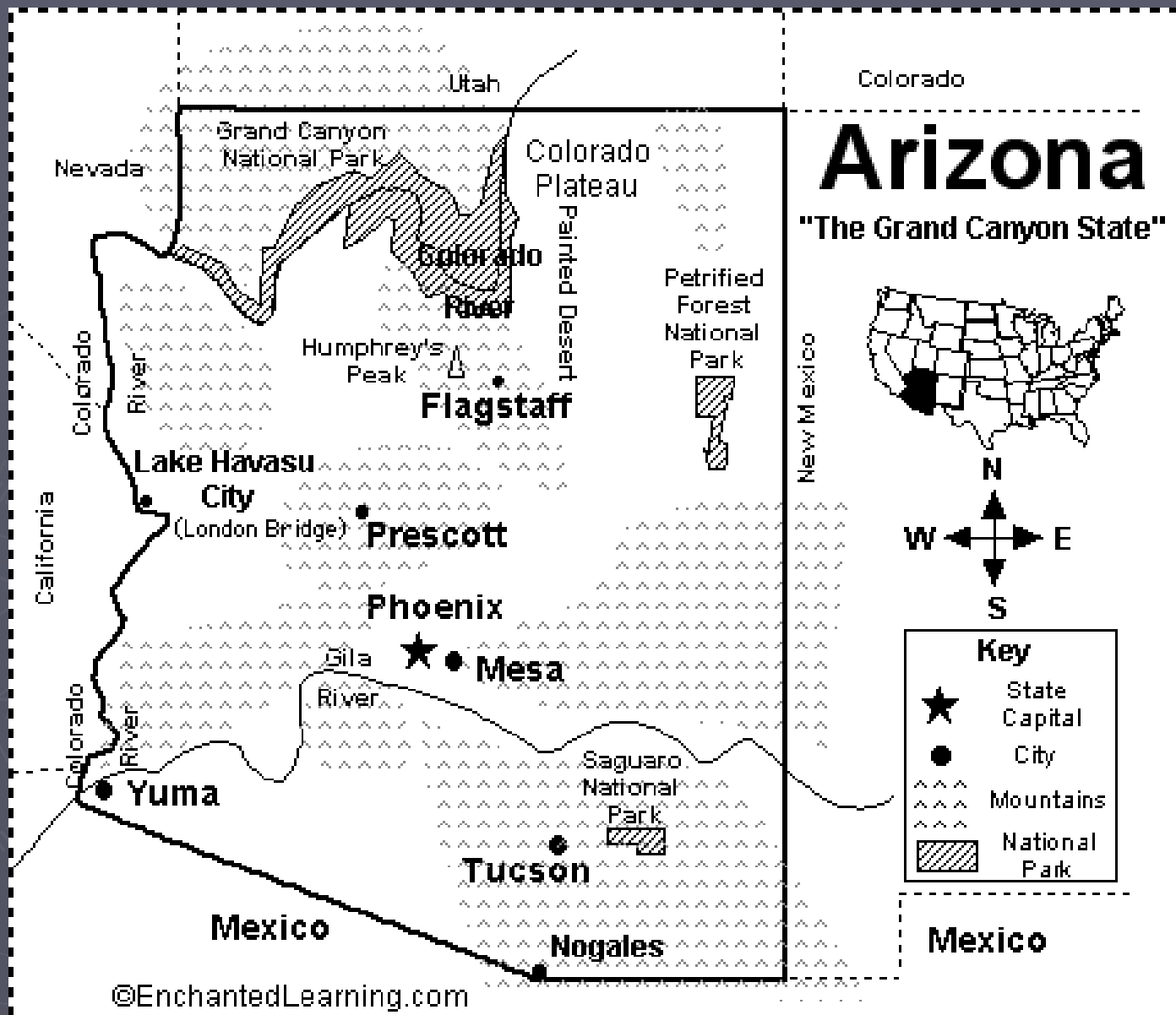
# What is the capital of Arizona?



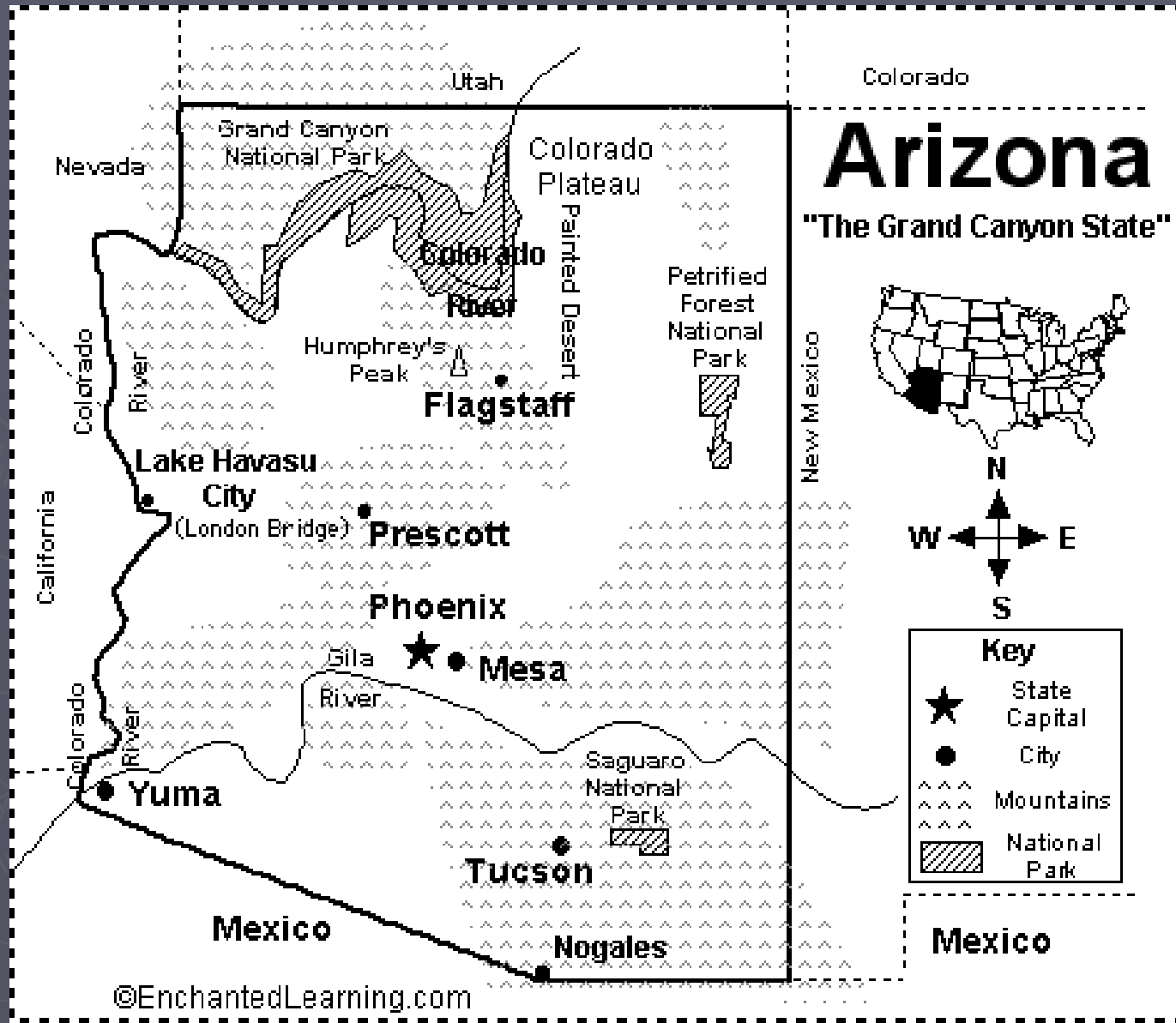
# What two states border Arizona on the west?



What state just touches Arizona on its northeast corner (at the famous "Four Corners")?



# What is the name of the National Park in northwestern Arizona?



# What river forms most of the western border of Arizona?

