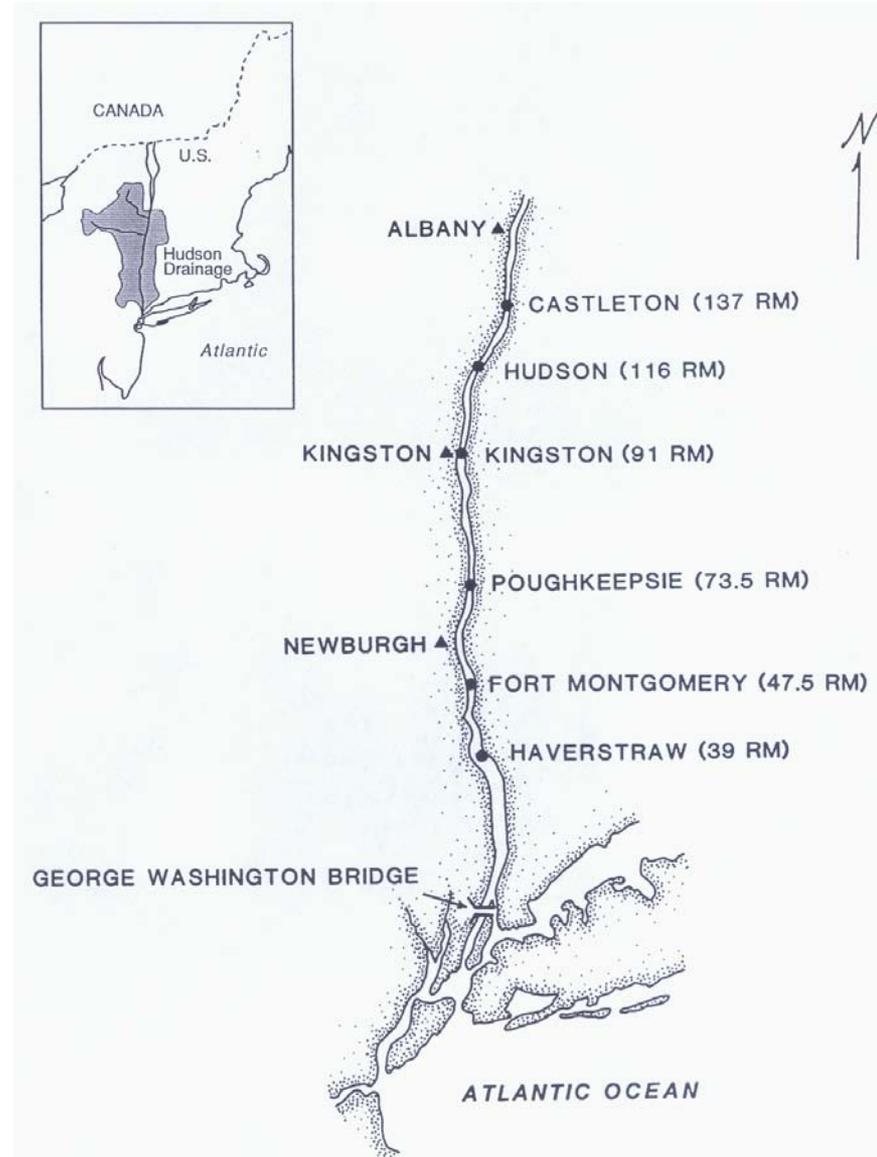


# Journey down the Hudson River



# How long is the Hudson River?

- Begins at Lake Tear of the Clouds in the Adirondacks
- Travels ~ 300 miles (480 km ) to the Atlantic Ocean.
- It's watershed drains much of NY, and parts of CT, VT, MA, & NY.



# Why is the Hudson an estuary?

Hudson River



Atlantic Ocean



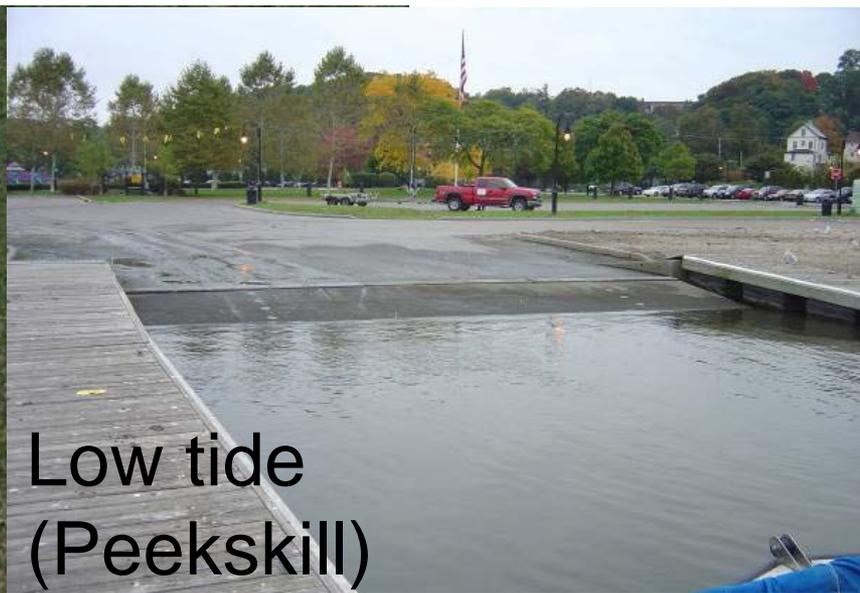
# Why is the Hudson an estuary?

Hudson River



Atlantic Ocean

# The Hudson River estuary is tidal

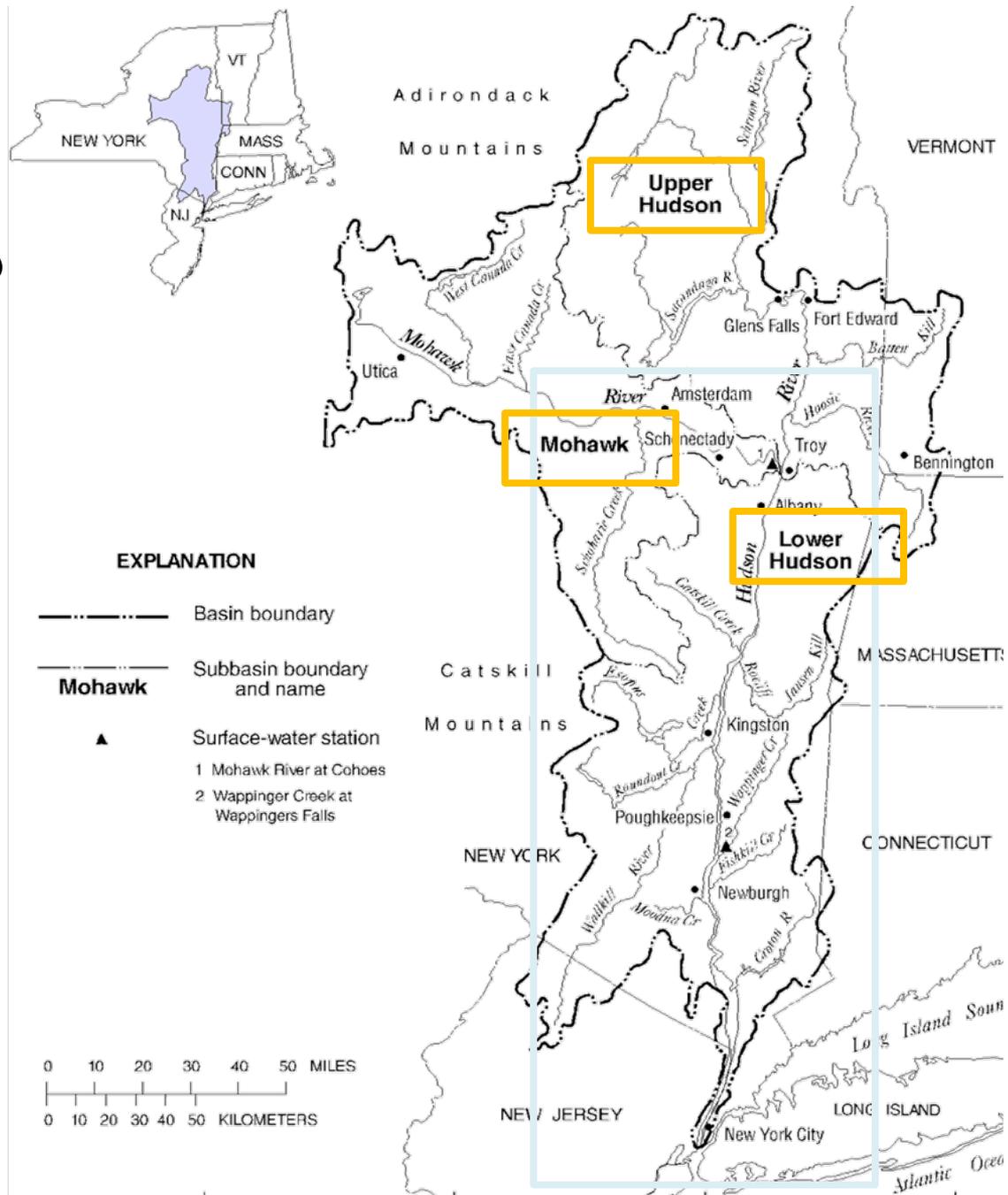
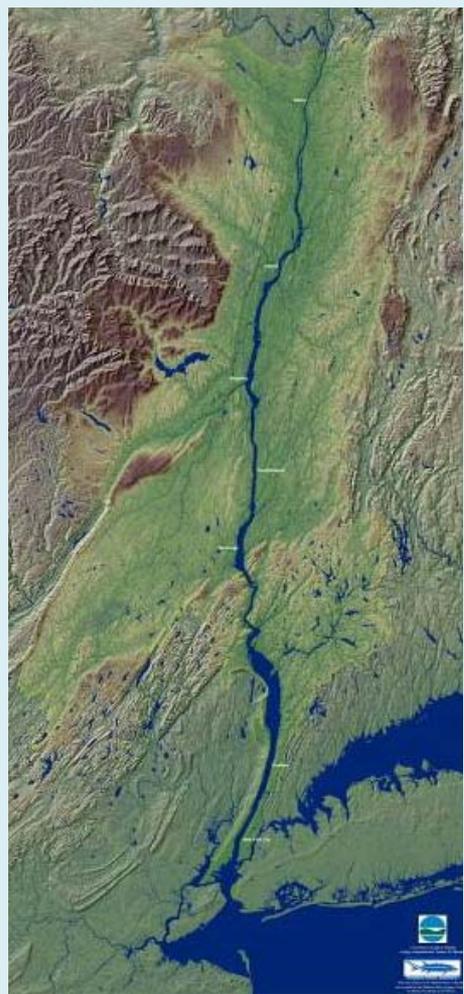


Low tide  
(Peekskill)



High tide

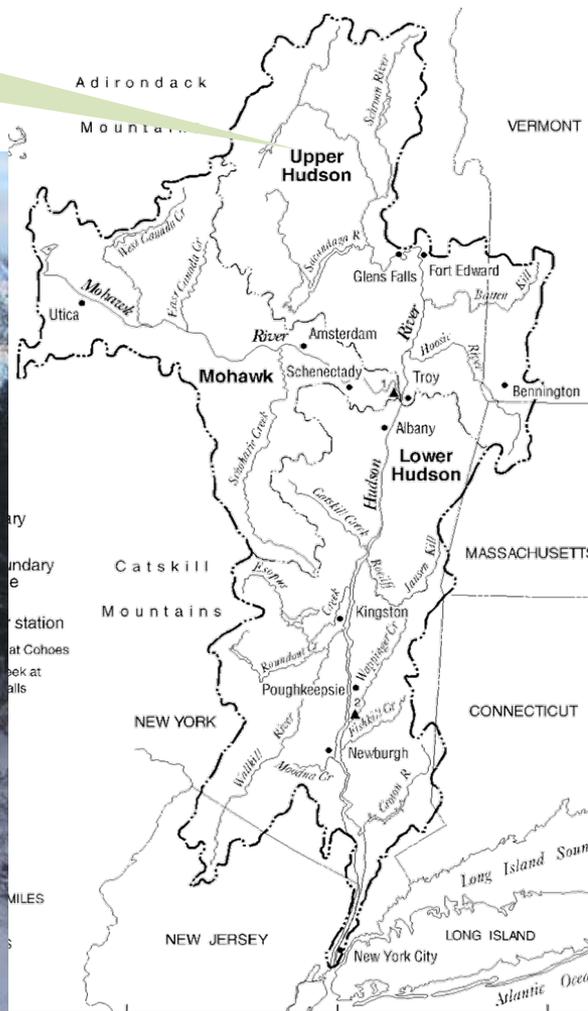
# Where do you live in relation to the Hudson?





# How does the Hudson change along its length?

Adirondacks

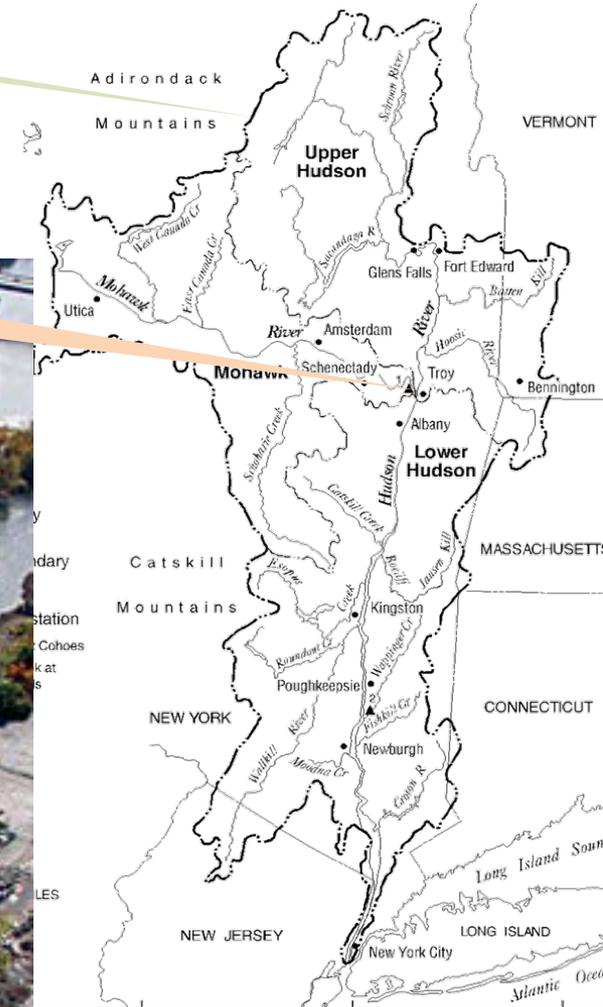
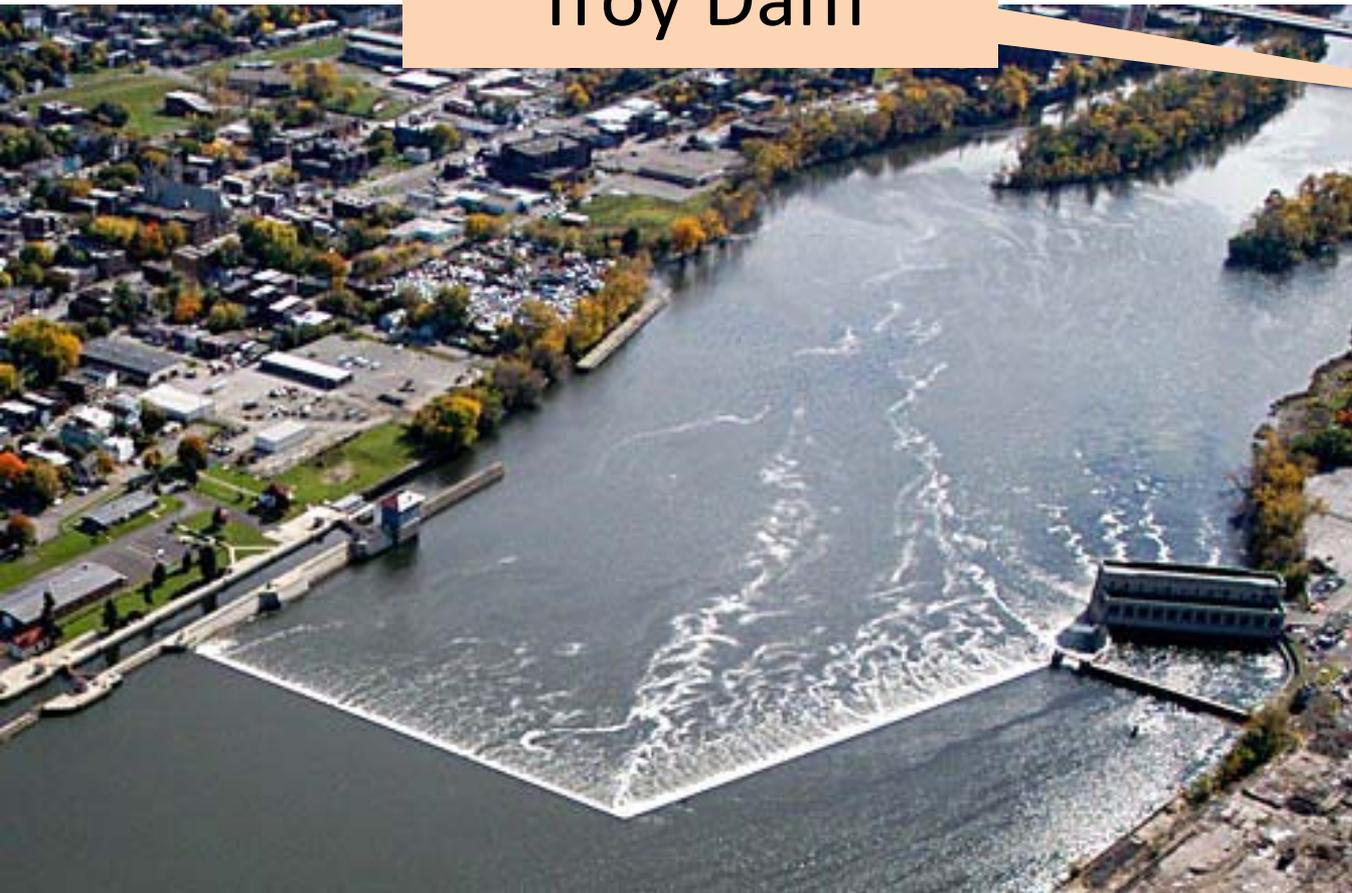


# How does the Hudson change along its length?



Adirondacks

Troy Dam



# How does the Hudson change along its length?

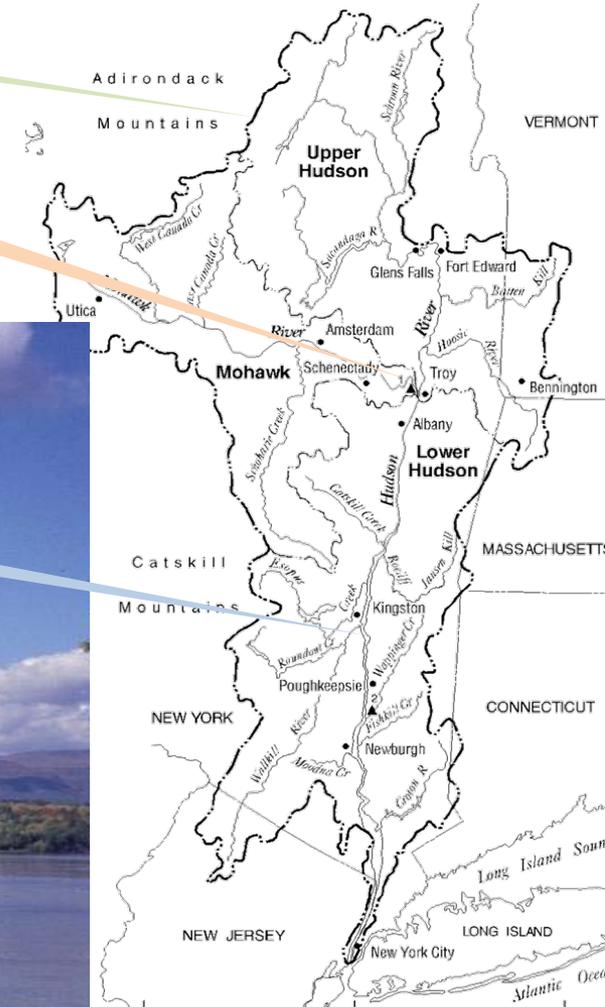
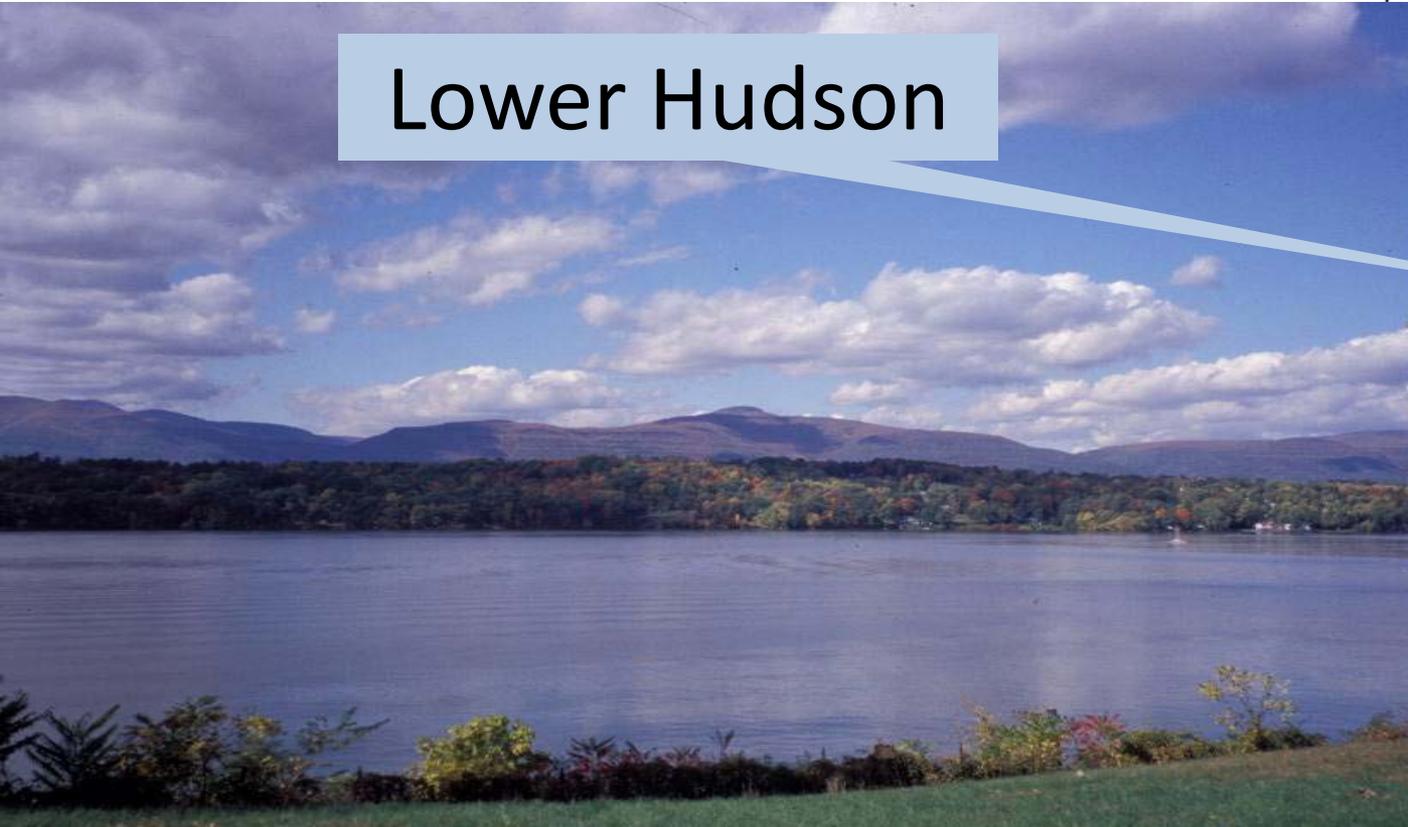


Adirondacks



Troy Dam

Lower Hudson



# How does the Hudson change along its length?

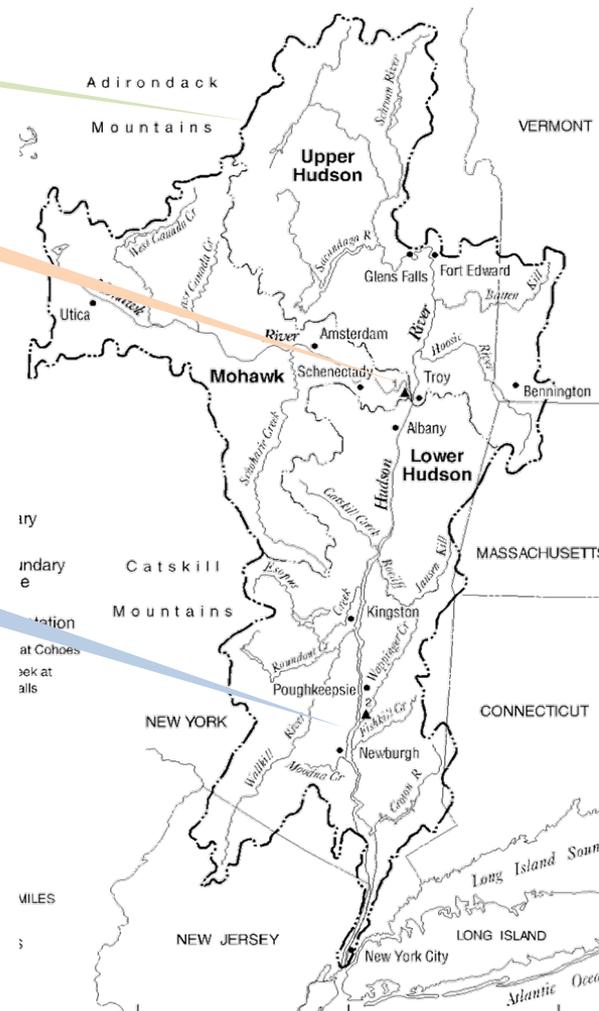
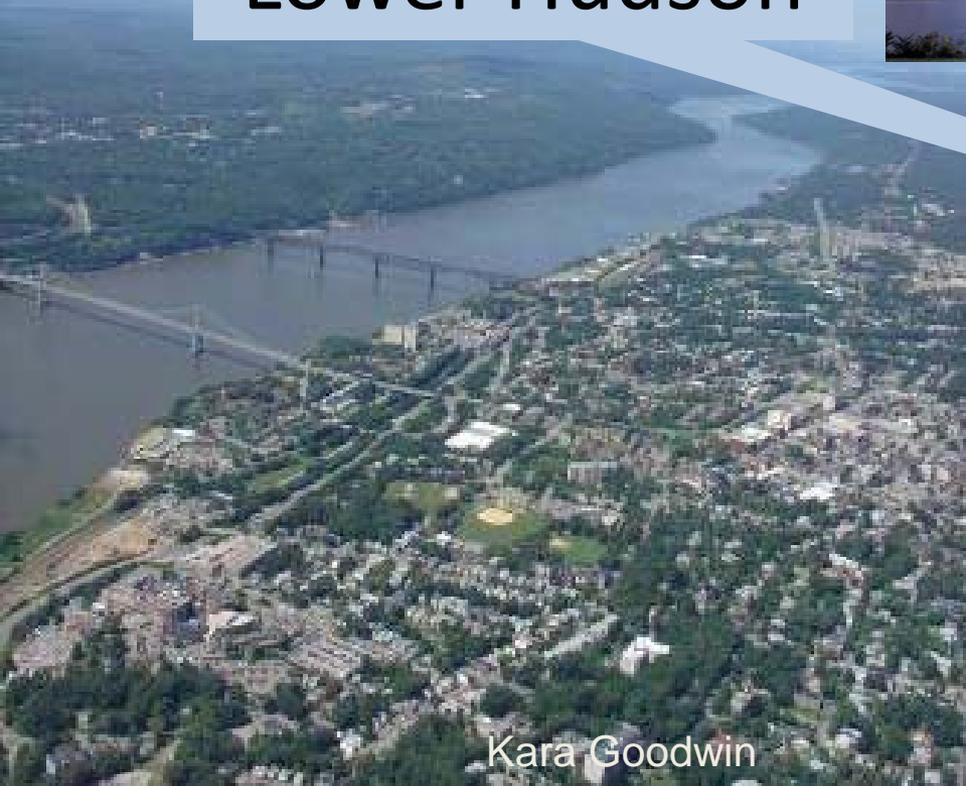


Adirondacks



Troy Dam

Lower Hudson



# How does the Hudson change along its length?



Adirondacks



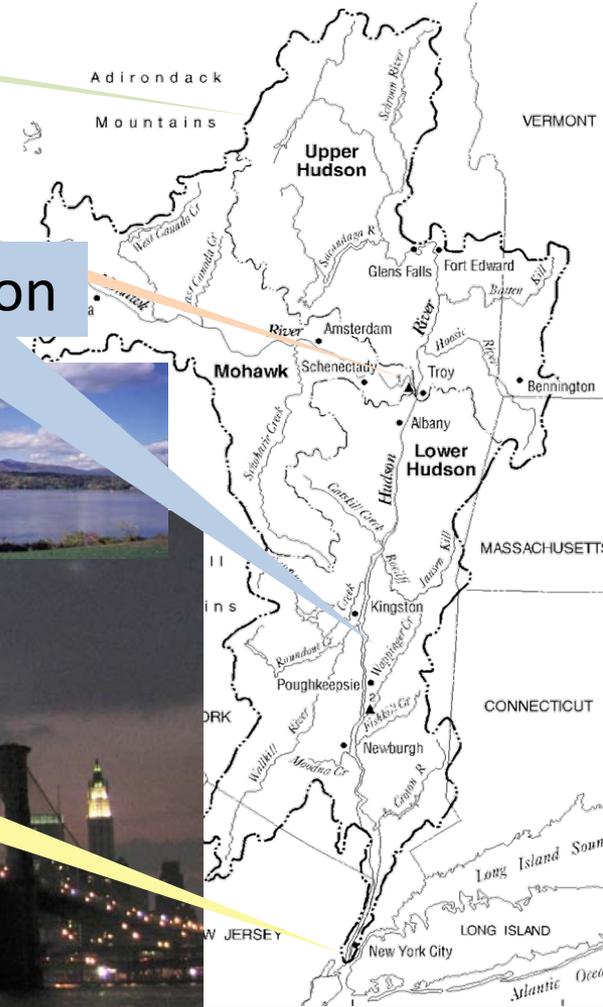
Troy Dam



Manhattan



Lower Hudson





You can find boats, lighthouses, and barges all along the river.



# Hudson River communities use the river for many different things

Travel

Business

Recreation

Food

Scenic views

Clean Water

Wildlife habitat

# Many animals, large and small, live in & along the Hudson

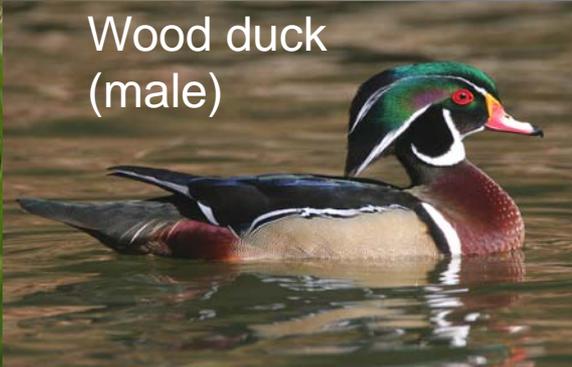
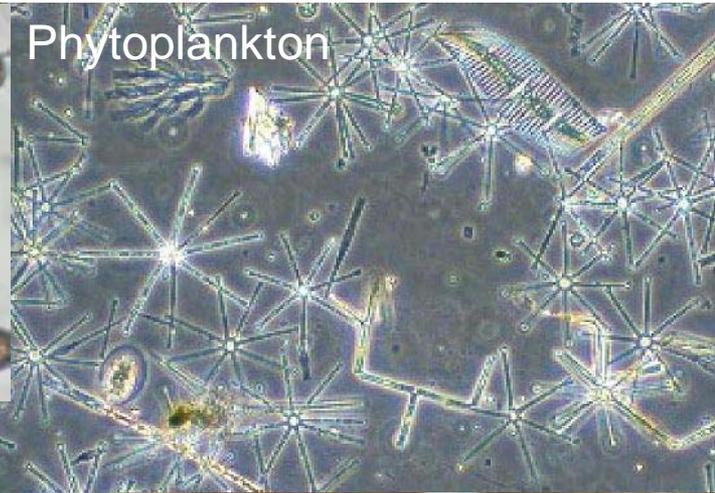


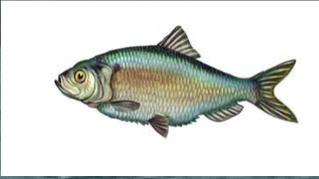
Photo by Steve Hersey



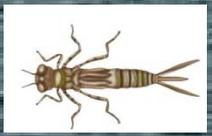
# Example Hudson River food pyramid



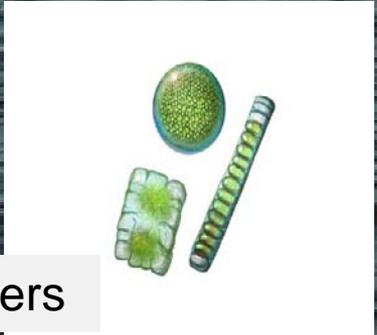
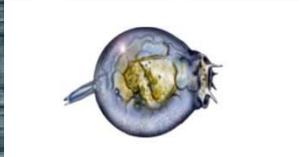
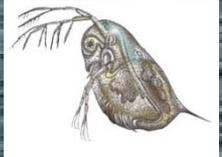
3° consumer



2° consumer



1° consumer



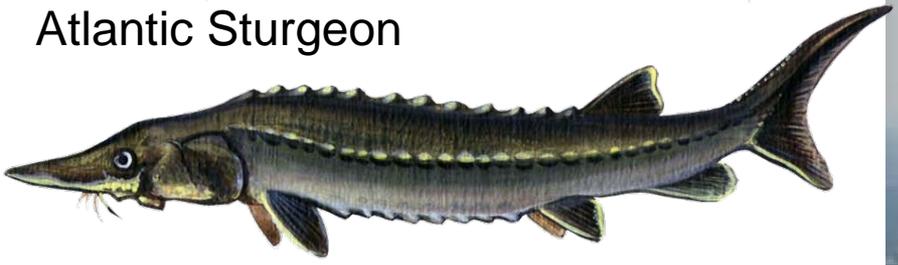
Producers



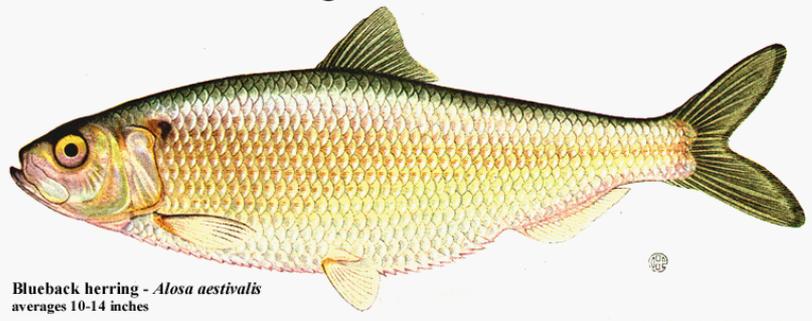


# Diadromous fishes

Atlantic Sturgeon



Blueback herring



Blueback herring - *Alosa aestivalis*  
averages 10-14 inches

American Eel



American Eel- *Anguilla rostrata*  
averages 24-40 inches



Beautiful, dynamic, & full of life

— a great place to visit!



We hope you enjoyed your journey!

