



DAY IN THE LIFE OF THE HUDSON & HARBOR
10/22/20 - UPPER ESTUARY SECTION

NAME:

You might want to look at the questions on page #2 before you record your data!

WATER TEMPERATURE:	LOCATION	°C	°F

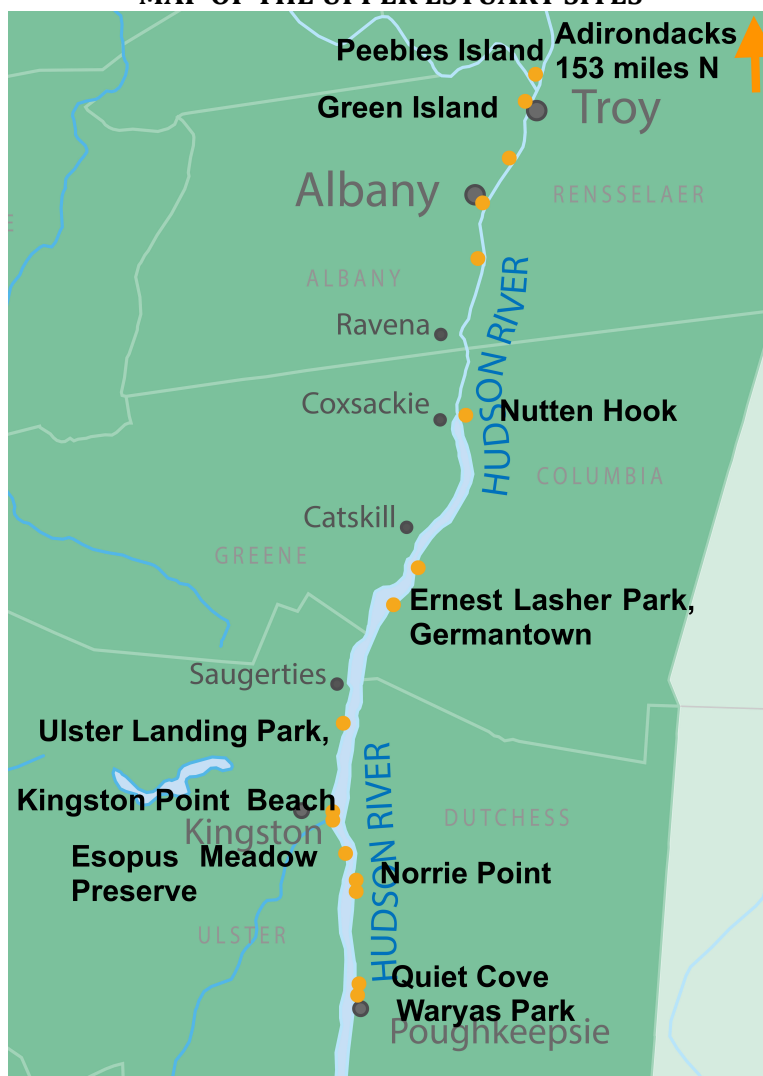
DISSOLVED OXYGEN (D.O.):	LOCATION	ppm or mg/L

TURBIDITY (Clarity)	LOCATION	cm of visibility

FISH & OTHER ANIMALS Clearwater fish key http://fishkey.clearwater.org	LOCATION	FISH ID



MAP OF THE UPPER ESTUARY SITES



TAKING A DEEPER DIVE!

You have recorded data from about ten places in the Upper Hudson and you have heard from our Guest Scientist about WATER TEMPERATURE & DISSOLVED OXYGEN (D.O.)!

Let's take a Deeper Dive into your water temperature readings!

- You have collected four readings from different locations in the Hudson.
- Recall what our guest scientist said about how the seasons affect water temperature. Locations further north feel their seasons changing sooner with cooler night and daytime temperatures than locations further south. Write your temperatures directly on the map. **Note** that the Adirondack temperature you record is actually 153 miles further north than Peebles Island.
- Use your data to explain how location affected water temperature.

BONUS QUESTION

- If we were to hold this event in July how do you think it would affect water temperature?
- Now thinking about the relationship our guest scientist mentions between D.O. and temperature, how might that affect D.O. levels in July?