

A Day in the Life of the Hudson River (Snapshot Day)

Date of Event: _____

<http://www.ldeo.columbia.edu/dayinthelife>

PREDICTIONS WORKSHEET PREDICT – OBSERVE – EXPLAIN!

To be completed before the event

Your name _____

Your school _____

Name of sampling site _____

Locate and mark your sampling site on this map _____ →

The questions below ask you to predict what you will find when you sample at this year's event. To help you make these predictions, use the link above to look at data from past Day in the Life events both at your site or a spot near your site (we suggest you look at more than one year's results.) Use the 'Data' page and you can check results for multiple years.

Next let's look at what has been happening this year!

There is up-to-the-minute data available on the Hudson real time monitoring site, HRECOS (<http://www.hrecos.org>). Don't forget to include units when you write down your predictions!

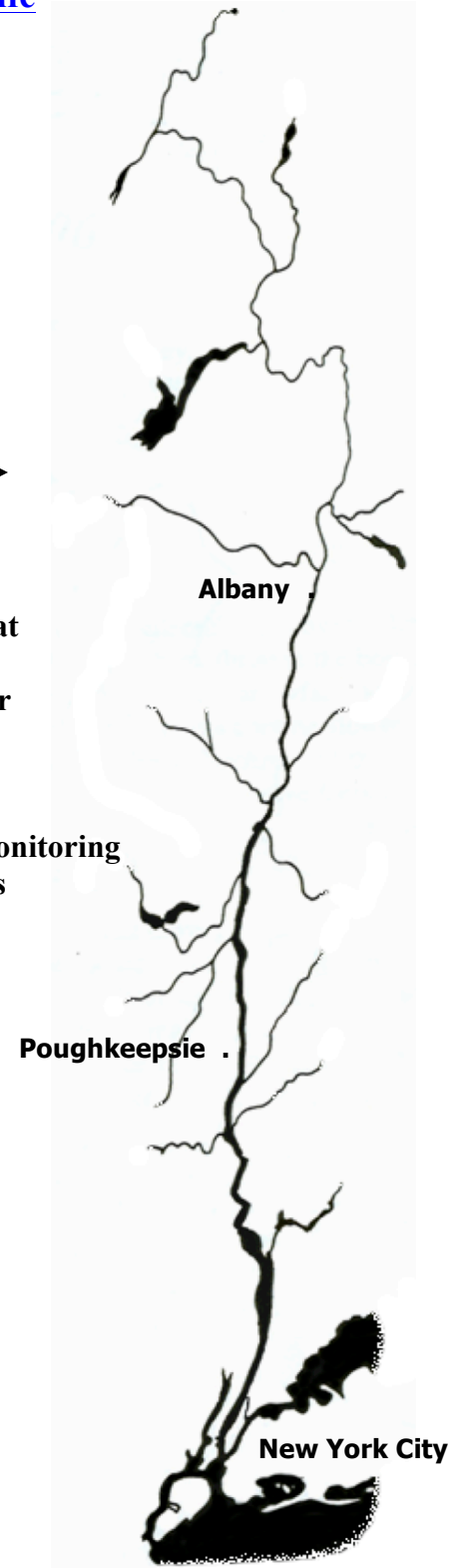
What do you expect the water temperature to be at your site for "A Day in the Life of the Hudson River?"

What do you expect the salinity to be?

What do expect the dissolved oxygen (DO) concentration to be?

What kinds of fish do you think you'll see or catch?

Do you think your Day in the Life data will be like year's or will it be different? Why?



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OBSERVE – EXPLAIN DATA FROM “DAY IN THE LIFE” To be completed after the event

Your name _____

Your school _____

Name of sampling site _____

Locate and mark your sampling site on this map _____ →

What were the actual results at your site this year? Don't forget units!

This year for 'Day in the Life' what was the water temperature at your site?

What was the salinity?

What was the dissolved oxygen (DO) concentration?

If you caught fish at your site, list two of the species you saw or caught, and one thing about each of them that you noticed.

How well did your predictions match your data? Why?

Reflect on your experiences during “A Day in the Life.” Find the location of a school in another part of the river and think about what you can say about your site to help them better understand your part of the estuary. Some ideas are to draw a sketch of your site, write about something you caught, or write a reflection of the day, a poem or letter describing your day on the river.

