

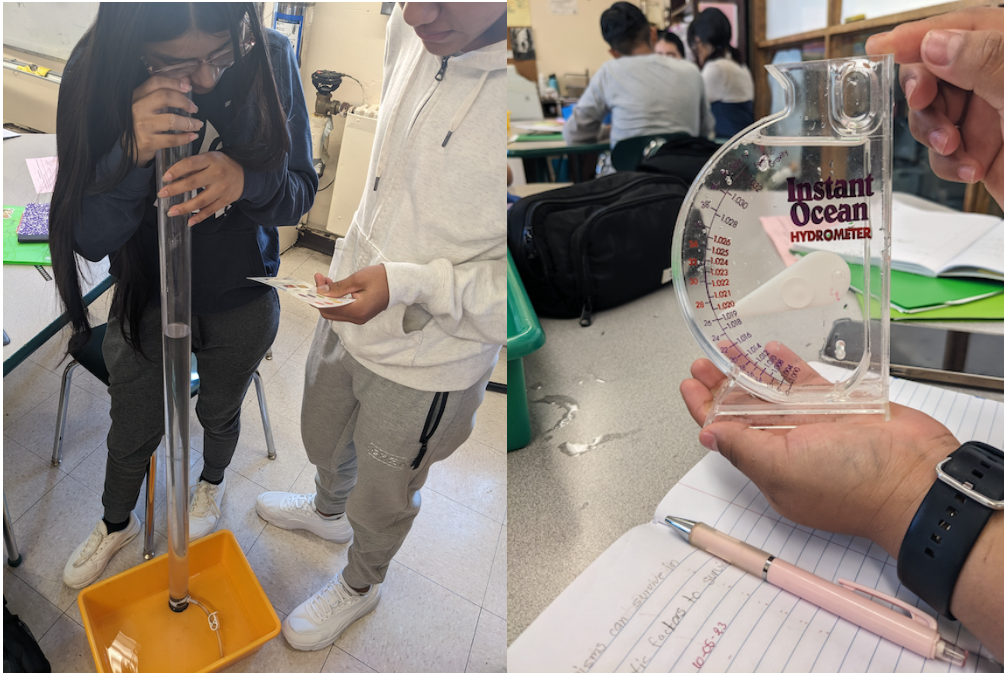
Day in the Life of the Hudson River 10/05/2023
New Rochelle, Neptune Island, Long Island Sound
100 Fort Slocum Rd.

Hudson River Salt Front ~RM52

International High School for Health Sciences-Mirela Shpuza-Shurdha

13 students, 9th-10th grade, 2 adults

Latitude N & Longitude -W



For this year since the students did not have a bus the principal brought water to the students in the AM

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
Physical				
<i>Air Temperature-NR</i>		° C	° F	
<i>Wind Speed: NR</i>		<i>Anemometer</i>	<i>Beaufort</i>	<i>Direction</i>
<i>Weather today</i>	6:00 AM		No Rain	
<i>Weather the past 3 days: NR</i>				
<i>Tides- NR</i>	<i>Time</i>	<i>Rising, Falling, Unchanged</i>		<i>Height (cm)</i>
<i>Current- NR</i>	<i>Time</i>	<i>Cm/sec</i>	<i>Knots</i>	<i>North/South</i> <i>Ebb/Flood/Slack</i>
<i>Water Temperature-</i>	6:00 AM	20°C	68°F	
<i>Turbidity- Long Sight Tube (120 cm)</i>	6:00 AM	120 cm		
Chemical				
<i>Student Salinity- Hydrometer</i>	6:00 AM	26,000 ppm	26 ppt	
<i>DO – NR</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
<i>pH – Color Match Kit</i>	6:00 AM	7		
Biological-Did not Fish				

<i>Fish</i>	<i>Number</i>	<i>Name</i>				<i>Length of longest</i>	<i>Notes</i>
Fish Totals	TOTAL:	Diversity:					
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>				<i>Length of longest</i>	
Macroinvertebrate Totals	TOTAL:	Diversity:					
<i>Sediment Core</i>	<i>Time</i>	<i>Oxid Top</i>	<i>H₂S Smell</i>	<i>Oil</i>	<i>Grain Size</i>	<i>Other Features</i>	

Boats-NR					
Commercial/ Recreational	Time	Name	Color	Southbound/ Northbound	Light/Loaded