

Day in the Life of the Hudson River 10/05/2023
Swindler Cove, Manhattan, NYC
HARLEM RIVER MILE: 13
Hudson River Salt Front: ~RM 52
Dos Puentes-Kristen Minno-Bingham and team
NYSDEC-Chris Bowser, NYSDEC and team
New York Restoration Project – Edwards Santos and team
76 students, 5th grade, 15 adults
Latitude 40.85784°N & Longitude -73.92201°W



Location: Swindler Cove Park, Harlem River, Manhattan, NYC
Surrounding Land Use: 50% Beach, 50% Industrial/Commercial
Sampling Site: Sandy & muddy beach area, covered with vegetation, riprap banks
Shoreline: Sandy & Muddy
Water: NR
River Bottom: Muddy
Plants in the water: NR
 *NR = Not read/recorded

ITEM	Time	Reading		Comments
<i>Physical</i>				
<i>Air Temperature-NR</i>		°C	°F	
<i>Wind Speed:</i>	11:09 AM 11:38 AM 12:44 PM 1:00 PM	<i>Anemometer</i>	<i>Beaufort</i>	<i>Direction</i>
			2 2 1 2	
<i>Weather today-NR</i>		% Cloud Cover	No/yes 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-</i>	<i>Time</i>	<i>Cm/sec</i>	<i>Knots</i>	<i>North/South</i>
	10:35 AM 11:01 AM 11:32 AM 12:37 PM	400 700 800 300		
				Ebb Ebb Ebb Ebb

	1:00 PM	600			Ebb
<i>Water Temperature- NR</i>		°C		°F	
<i>Turbidity- NR</i>					
Chemical					
<i>Standardized Salinity- NR</i>					
<i>Student Salinity- NR</i>					
<i>DO – NR</i>	<i>Time</i>	<i>Temp</i>		<i>ppm DO</i>	<i>% saturation</i>
		°C			
<i>pH – NR</i>					
Biological					
<i>Fish- Seine</i>	<i>Number</i>	<i>Name</i>		<i>Length of longest</i>	<i>Notes</i>
	>50 10 1	Atlantic Silversides Mummichog Striped Bass			
Fish Totals	TOTAL: 61	Diversity: 3			
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>		<i>Length of longest</i>	
	10	Blue Crab			
Macroinvertebrate Totals	TOTAL: 10	Diversity: 1			