

**Day in the Life of the Hudson River 10/10/13 Data
(Salt Front RM 69.3)**

RIVER MILE -1

Governor's Island, Upper NY Bay/Buttermilk Channel

Sam Janis - New York Harbor School

20 students 9-12th graders, 3 adults

Latitude N 40° 41' 30.15" - Longitude W074° 46.14'

Location: Pier 101, NE Governor's Island – Upper NY Bay

Area: Pier along waterfront of the island

Surrounding Land Use: 100% converted to public access programs (education, boating, recreation)

Sampling Site: Pier, shoreline is bulkheaded

Plants in area: None

Water depth: surface samples

Times: Data collected throughout the day

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature		59° F		
Wind Speed	windy	8 mph		
Cloud Cover	Cloudy	Stratocumulus clouds		
Weather today	Windy, cloudy, cold and light rain			
Weather recently				
<i>Water surface</i>				
<i>Water Temperature</i>		17 °C		
<i>Turbidity – turbidity tube</i>		57 cm		
<i>Chlorophyll</i>				
<i>Chemical</i>				
DO (chemmet kit)		17 °C	7 mg/L	70% saturation
pH – Lamotte colormetric		7		
Salinity (Hydrometer)		21 ppt		
<i>Tides</i>				
<i>Currents</i>				