

Snapshot Day 10/30/14
(Salt Front RM not recorded this date –
10/28 it was at RM61.1 and 11/1 it was at RM59.6)
RIVER MILE 14

Inwood Hill Park Nature Center, NYC
Olivia Ramirez - Marble Hill School for International Studies, 6 students 9th-10th
graders,
2 Urban Park Rangers
Latitude 40° 50'N/ Longitude 73° 55 W



Location: In the cove of Inwood Hill Park

Area: Forested, grassy

Surrounding Land Use: Forested 60%; urban residential 10%; Industrial/commercial 10%; 20% paved. Pier, bulk-headed, rip rap shoreline. Forested and used by people for picnics, jogging, sitting on park benches.

Sampling Site: large riprap on shoreline, drainage pipes in area, vegetation

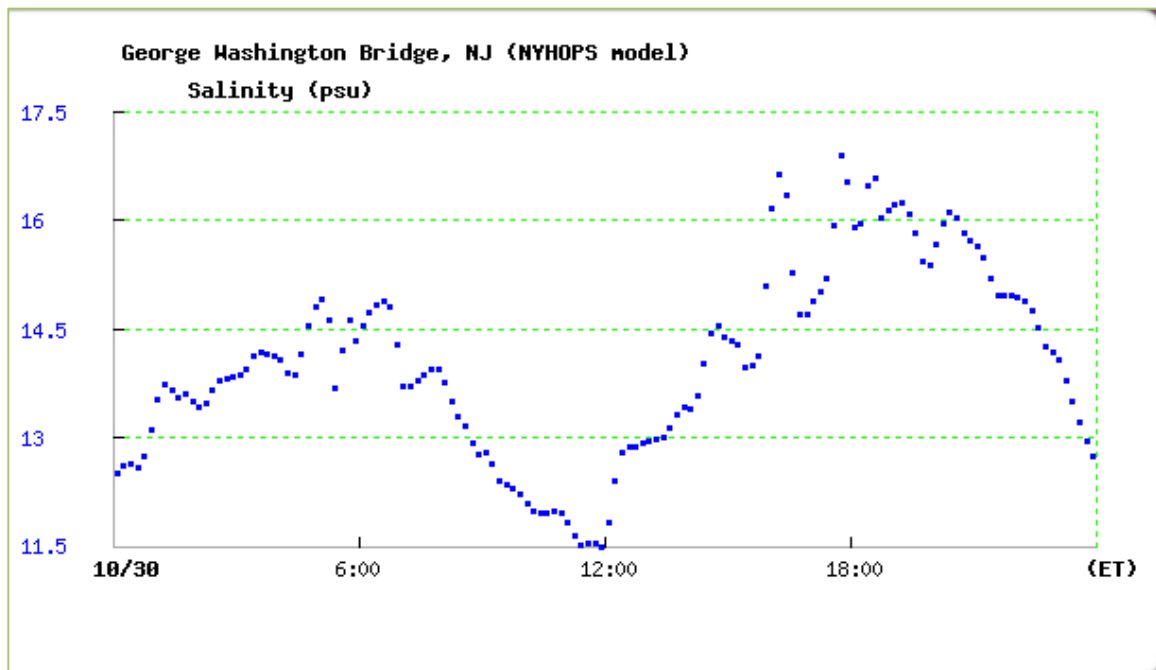
Plants in area:

Water depth:

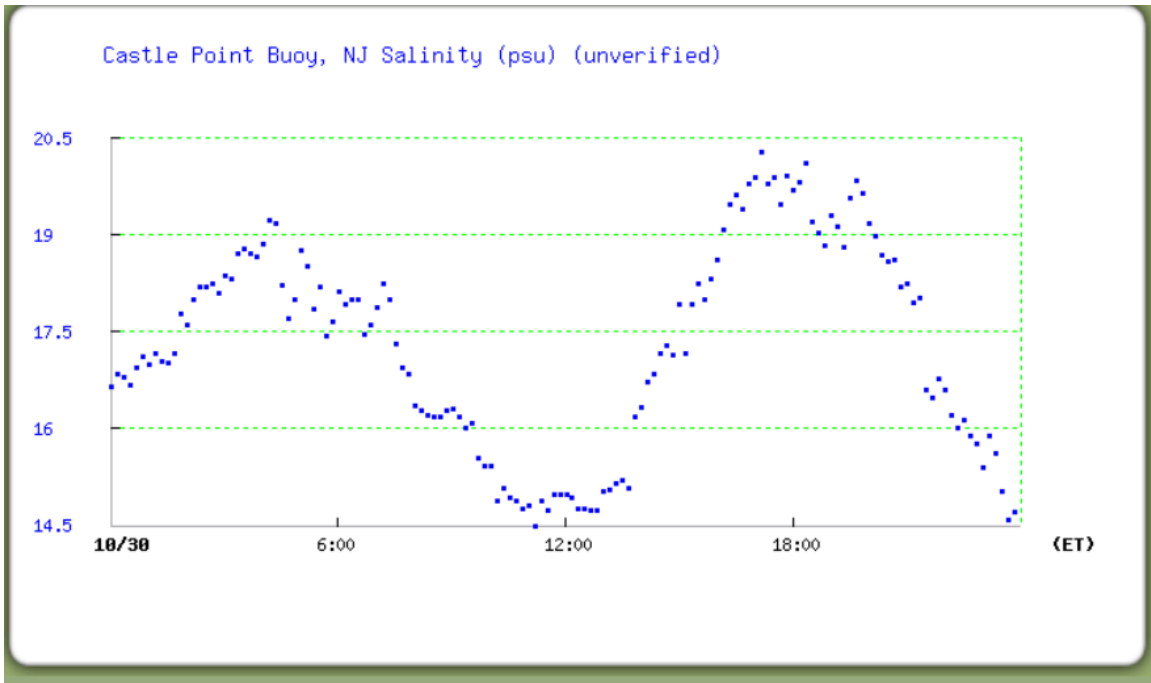
River Bottom – muddy, rocky

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>			Wind Speed	
Air Temperature				
Cloud Cover	cloudy			
Weather today	Temperature cool			
Weather recently	Cool and rainy			
<i>H2O Temperature</i>	4:19 PM	15 Degrees C	60 degrees F	X 3
<i>Water surface:</i>				
<i>Turbidity</i> <i>(long site tube)</i>		43 cm		
<i>Chemical</i>				

DO				
pH	4:27 PM	8.0	8.0	
Salinity	4:22 PM	*26 ppt *27 ppt	*Seems too high for this area – see attached	
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>	<i>Length</i>	<i>Fish</i>
Used seine	60	mummichog	6 cm	<i>Diversity - 4</i>
	1	White Perch	18 cm	Catch - 70
	3	Atlantic Silversides	8 cm	
	6	Striped Bass		
Macros	12	Blue Crab	Female - 1, 3 cm	Macros Diversity - 1
			Male – 1, 1.5 and 2 cm	Catch 12



Salinity at RM 12 just below this area



Salinity at Castle Point Buoy further south of GW Bridge