

Day in the Life of the Hudson River 10/4/12 Data
RIVER MILE 2.5
Hudson River Park's Pier #45
Shino Tanikawa- New York City Soil & Water Conservation District
PS 3 Manhattan K – 4th – 60 students



Location: Christopher Street Pier at the **END of the pier** where the “gazebo” is
Area: Pier, Banks altered – bulkhead – mainly metal and wooden pier
Surrounding Land Use: 100% Hudson River Park with walkway, some planted areas
Sampling Site: Recreational pier
Plants in area: None

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	11-11:30 AM	21°C 22 23 22 24.5		22.5 average
<i>Water Temperature</i>	11-11:30 AM	20°C 20 21 20 21		20.4 average
<i>Chemical</i>				
DO (chemets ampules)	11-11:30 AM	5-6 mg/L		
pH (ColorHast pH strip)	11-11:30 AM	7.5 6.5 7.0 7.5 7.0		7.1
Salinity (hydrometer)	Temp	Sp. Grav	salinity	
	11-11:30	1.013	17.9 ppt	Average 18.6

				ppt
		1.014	19.3	
		1.014	19.6	
		1.013	17.9	
		1.103	18.3	

Observations: It's raining now. It's so misty you can barely see the NJ skyline. The Statue of Liberty is almost out of view. -- Baird

It's a cloudy day out, but it's not raining. Fog hangs over the city, and I can't see the tops of some buildings. There's a light breeze. The water is kind of gray-green. A boat is coming. It's blue and white. There's also a water taxi coming. The water is bubbly. The water taxi makes big waves in the water. -- Kit

As you can tell, it rained a little then stopped, which is why the two students had different observations.

We saw a flock of geese (I think) flying in the typical V-formation, except barely a foot above water! There was heavy fog except for the narrow band right above the water, which provided a clear view path.

We also encountered a single Monarch butterfly on the pier.