

**A Day in the Life of the Hudson River 10/14/10 data
 (Hudson River Salt Front RM 36.0)
 East River; Pier 16 South Street Seaport
 Christine Modica & Gene Carlucci, South Street Seaport Museum
 Michael Paoli, Ella Baker School – M225
 44, 6rd grade students**



Location: South Street Seaport, Pier 16

Area: East River; Pier 16

Surrounding Land Use: Museum, Pier for boat access, Urban/residential and industrial/commercial

Shoreline: Pier, large docking with concrete and wood surface,

Plants in Water: 1% of area has plants

ITEM	TIME	Reading	Comments
<i>Physical</i>			
Air Temperature	10:55 AM	20°C/ 68°F	
	11:38 AM	25°C/ 77°F	
Cloud Cover		Mostly cloudy	
Weather Today		Cloudy and Cool	
Precipitation today		None	
Weather Recently		Mostly sunny and Windy, some rain	
Wind	Beaufort Force #2	From the East	

Water Temperature	10:57 AM	19° C / 67° F	
	11:23 AM	20° C / 68° F	
Water Surface	Choppy		
Turbidity – long tube	10:29 AM	92 cm	93 cm
Chlorophyll	10:26 AM	0.3	
<i>Chemical</i>			<i>Tool Used</i>
Salinity	11:35 AM	26 ppt salinity X 2	Refractometer
pH - Color Match Test Kit	10:26 AM	6 .0	8.0
DO (Dissolved Oxygen)	Water temp, 18°C	6 ppm - 60% saturation	Ampule Measuring ppm