

**A Day in the Life of the Hudson River 10/16/14 data
 (Hudson River Salt Front RM 65.9)
 East River; Pier 16 South Street Seaport - AM group
 Heather Page & the High School of Economics & Finance,
 Maggie Flanagan, South Street Seaport Museum
 22 - 11rd & 12th APES students, 3 adults**



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,

Bottom: Rocky shoreline

Water: Choppy

ITEM	TIME	Reading	Comments
<i>Physical</i>			
Air Temperature	n/r		
Cloud Cover		Mostly cloudy	
Weather Today		Rainy, humid	
Weather Recently	10:29 AM	Partly cloudy	Consistent rain, chilly

Wind	10:29 AM	Beaufort Force #2	Southerly wind (strong per Maggie)
Water Temperature	11:11 AM	23° C	
Water Surface	Choppy		
Turbidity – long tube	10:29 AM	30 cm	
<i>Chemical</i>			
Salinity	11:35 AM	27 ppt salinity	Plastic Hydrometer
pH - Color Match Test Kit	n/r		
DO (Dissolved Oxygen)-ampules	11:11 AM	5.5 ppm - % saturation	Water temp, 23°C
<i>Tides</i>	10:32 AM	Rising	231.14 cm from pier to waterline
<i>Site Depth – lead line</i>	10:32 AM	12 ft. depth	
<i>Currents – strong flood current</i>	10:30 AM - Flood 10:37 AM - Flood	Not recorded 541 cm/30 secs	18.3 cm/sec
<i>Shipping</i>	10:23 AM	Name: East River Valley	Color: Blue - loaded