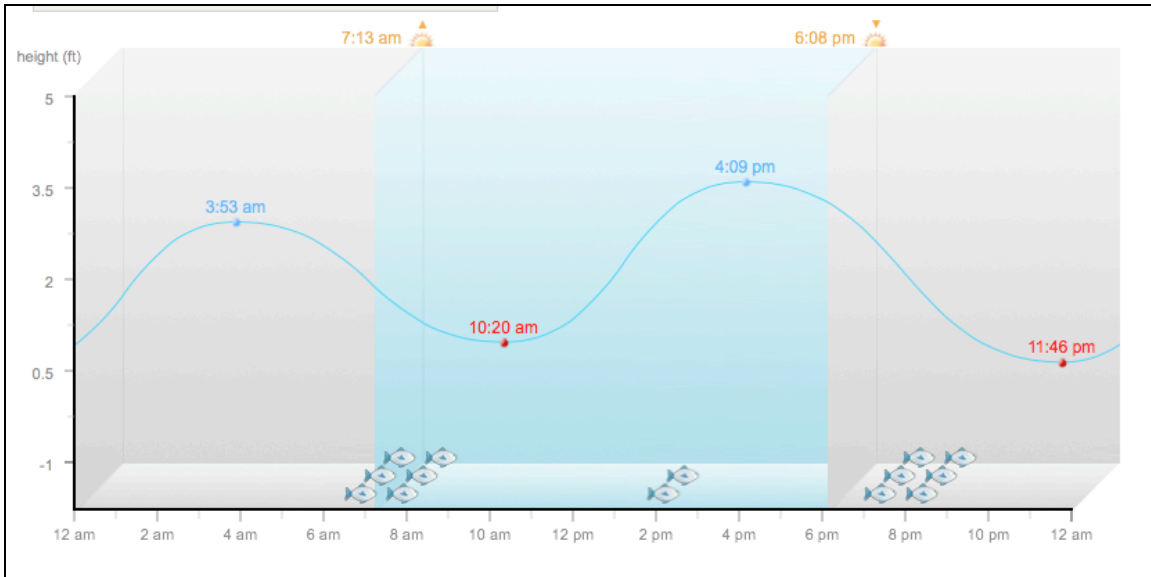


**Day in the Life of the Hudson River 10/20/15 Data**  
**RIVER MILE 31 – Nyack Beach Hook Mountain State Park**  
**Nicole Laible, Rockland County Division of Environmental Resources**  
**Lisa Knowles & other Nyack MS teachers (5 total)**  
**Nyack Middle School, – 8<sup>th</sup> grade – 24 students**  
**41°07”N 73°54”W**



**Tide at Nyack NY on 10/20/15 – LT at 10:20 AM**

**Location:** Nyack Beach, Upper Nyack, Rockland County NY

**Area:** Park/Boat launch, near Hook Mountain Sandy Beach by the large sitting stairs, Mainly a parking lot surrounded by mountains and a hiking trail along the river.

**Surrounding Land Use:** 70% forested, 5% urban/residential, 20% beach – used for recreation fishing & picnics

**Sampling Site:** Beach – sandy and rocky at edges, covered with vegetation beyond the beach, stone wall, riprap shore, collected wood debris –

**Piping coming** into river south of sampling site

**Water depth:** NR

**River Bottom:** NR

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	9:24 AM	57°F 14 °C		
Wind Speed	Beaufort #2	Direction - West		N
Cloud Cover	Partly cloudy			
Weather today	No rain			
Weather last 3 days	Sunny & cold			
<i>Water Temperature - surface</i>	9:55 AM	13 °C 14	55°F 58	Avg. 13.5 C 56.5 F

<b><i>Turbidity – Long site tube</i></b>	NR			
<b><i>Chemical</i></b>				
DO	9:55 AM	8 ppm	13.5 C	70 % saturate
<i>Drop count</i>	10:37 AM	10 ppm	13.5 C	90%
pH	AM	7.5		
Salinity –	NR			
<b><i>Fish Catch</i></b>	<b><i>NR</i></b>			
<b><i>Tides</i></b>	9:36 AM 10:10 AM	30 cm 30 cm	Unchanged	Slack tide
<b><i>Currents</i></b>	9:41 AM		Still current	