

A Day in the Life of the Hudson River 10/20/16 Data
(Saltfront ~ RM 83)
RIVER MILE 60
Dennings Point

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8th-9th grade, 29 students, 4 adults

41.5053°N degrees Latitude 73.9696°W degrees Longitude

Location: Dennings Point, 200 yards south of Long Dock Rd. Parking Lot, Beacon, Dutchess County

Area: 80% Forested, 20% Beach with large piping entering river. Believe area mostly used for sightseeing and fishing. Beach area.

Surrounding Land Use: Nature preserve with few buildings, 50% forested; 50% beach;

Sampling Site: Beach, covered with vegetation, rocky & sandy

Plants in water area: No

Water Depth @ sampling site: 3 ft.

River Bottom: Type: muddy, rocky

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:30AM	60°F	20°C	
Wind Speed				
Cloud Cover				
Weather today	Overcast			
Weather recently	Warm and dry			
<i>Water Temperature-</i>	10:30 AM	59°F	15°C	
<i>Water</i>	calm			
<i>Turbidity -</i> Long sight tube	10:30 AM	15 cm 16 cm		15.5 cm
<i>Chemical</i>				
DO (drop count kit)				
pH –	10:30 AM	7.5 – 8.0		Average 7.75
<i>Fish Catch</i> 20 ft. X4 seine	<i>Number –</i> 67 16 11 20 4 4	<i>Species –</i> Menhaden Banded killifish Tessellated darter Spottail Shiner Striped Bass Blue Gill		<i>DIV 8</i> <i>TOTALS 134</i>

	3 9	Sunfish White Perch Pumpkinseed		
<i>Macroinvertebrate</i>	12 12	Blue Crab Mud Crab		<i>DIV 2</i> <i>TOTALS 24</i>
<i>Tides</i>	10:15 AM 11:30 AM	27 cm 65 cm	Rising Rising	38 cm/75 min
<i>Currents</i>	AM	12 ft/minute	366 cm/min	