

Day in the Life of the Hudson River 10/20/16 Data
(Saltfront ~ RM 83)
RIVER MILE 133.4
River Park, Schodack Island, Troy
Debra Magadini, Berkshire Waldorf High School
10 students 9th-11th graders, 1 adult
N 42.517994 W -73.759697 (from park website)

Location: Schodack Island State Park, Schodack Landing, Rensselaer County

Area: 1052 acres – park and boat launch area – grassy area with concrete walkway and boat launch

Surrounding Land Use: Forested, Boat launch, playground, parking lot, used for picnics, fishing, open and grassy

Sampling Site: Forested 70%; recreation state park with grass, trees, parking area, picnic area 15%, urban/residential 5%; Industrial/commercial 10%

Shoreline: banks altered, rip rap, bulkhead,

Plants in area: none visible from shore – some water chestnut seeds found onshore

Water depth: 4-6 ft. – water is deeper but we are bucketing from this depth

River Bottom: rocky (sharp drop off beyond bulkhead)

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature				
Wind Speed				
Cloud Cover				
Weather today	Mainly dry			
Weather recently	Unseasonably warm and very dry			
<i>Water Temperature - Water depth ~1.5 ft.</i>	AM	66 °F	19°C	
<i>Water</i>				
<i>Turbidity – small site tube</i>				
<i>Chemical</i>				
DO - (Drop count kit)	NR			
pH - (ind. Sol.)	NR			
Salinity – quantab	AM	46 ppm Cl-	83 ppm Total Salinity	
<i>Fish Catch</i> seine –	<i>Number Caught</i>	<i>Species</i>	<i>Length</i>	<i>Seine</i>
	1	Channel Catfish		DIV - 2 TOTAL - 2
	1	Striped Bass		