

Day in the Life of the Hudson River 10/22/20
SARAH LAWRENCE COLLEGE CURB: BECZAK, YONKERS
RIVER MILE: 18.3

Salt Front: ~ RM 75

Sarah Lawrence College Center for the Urban River at Beczak – Eli Caref, 5 participants
Latitude 40.938483 N & Longitude – 73.90291 W



Location: Sarah Lawrence College CURB at Beczak, Habirshaw County Park, Yonkers, Westchester County, NY
Area: 2 acre riverfront county park covered mostly by a grass lawn leading down to the river where it meets a tidal wetland and sandy beach. Property used for fishing, boats, seining, field trips and some education programs.

Surrounding Land Use: 75% Urban/Residential; 25% Beach/Waterfront

Sampling Site: Sandy beach, tidal marsh area covered with vegetation, banks altered, large riprap on shoreline, collected wood/debris in area

Plants in area: No plants in the water area; however in the marsh, there is mud wort, reed grass, salter cordgrass, big cordgrass

River Bottom: Muddy

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
Physical				
<i>Air Temperature</i>	10:20 AM	18.89 ° C	66 ° F	
<i>Wind Speed:</i>	10:20 AM	1 m/s		
<i>Weather today</i>	No Rain			
<i>Weather past 3 days:</i>	Very foggy and warm			
<i>Tides-</i>	<i>Low Tide</i>	<i>High Tide</i>	<i>Time of Sampling</i>	<i>Tide</i>
	8:25 AM	2:48 PM	10:30 AM	Ebb
<i>Current-</i>	<i>Time</i>	<i>cm/second, Knots</i>	<i>North/South</i>	<i>Ebb/Flood/Still</i>
	10:30 AM	4 cm/sec	South	Ebb
<i>Water Temperature-</i>	11:45 AM	17.1 ° C	62 ° F	
<i>Turbidity- Short Sight Tube</i>	10:45 AM	44.9 JTU		
Chemical				
<i>Salinity- Hydrometer</i>	10:45 AM	16 ppt		
<i>DO – Meter</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	11:45 AM	17.1 ° C	7.17 ppm	73
<i>pH – YSI</i>	11:45 AM	6.93		
Biological				
<i>Fish</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
	7	Bay Anchovy	8 cm	5.5 cm
	4	Striped Bass	11.5 cm	8.5 cm
	21	Atlantic Silverside	10.5 cm	7 cm
Fish Totals	TOTAL: 32	Diversity: 3		

<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
	5	Blue Crab	7.5 cm	1.5 cm
	1	Comb Jelly		
	1	Moon Jelly		
Macroinvertebrate Totals	TOTAL: 7	Diversity: 3		
Observations	1 mystery invertebrate- maybe a sea squirt?			