

**Day in the Life of the Hudson River 10/13/22
Wayras Park Boat Launch, Poughkeepsie, NY**

RIVER MILE: 75.5

Salt Front: ~RM 76

Poughkeepsie Day School– Shira Teich

9 students & 3 adults

N 41°7056' – W -73°9403'

(Latitude 41°42'32.8"N & Longitude – 73°56'25.19"W)



Location: Wayras Park Boat Launch, Poughkeepsie, Dutchess County, NY

Area: public park, pier, grassy, parking lot. Park used for fishing, small boat launch, another pier for small boat launching. Near the walkway over the Hudson in between two bridges in the Mid-Hudson

Sampling Site: Pier, parking lot

Surrounding Land Uses: 100% Urban/Residential

Shoreline: 100% Rocky

River Bottom: NR

Water: NR

Plants in the Water: NR

Things to note! They saw a weasel!

*NR = Not read/recorded

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<i>Physical</i>				
<i>Air Temperature-</i>	11:00 AM	20°C	68°F	
<i>Wind Speed:</i>	11:00 AM	<i>Anemometer</i> 0 mph	<i>Beaufort</i> 0	<i>Direction</i> NR
<i>Weather today</i>	11:00 AM	>75% cloud cover	Start & Stop Rain	
<i>Weather the past 3 days:</i>	NR			
<i>Tides-</i>	<i>Time</i>	<i>Rising, Falling, Unchanged</i>		<i>Water Height (cm)</i>
	10:00 AM	NR		116 cm
<i>Current-</i>	<i>Time</i>	<i>Cm/sec</i>	<i>Knots</i>	<i>North/South</i>
	9:30 AM	16.9	NR	NR
<i>Water Temperature-</i>	11:00 AM	20°C	68°F	
<i>Turbidity- Long Sight Tube (120 cm)</i>	11:00 AM	37.2 cm		
<i>Chemical</i>				
<i>Salinity-Hydrometer</i>	10:15 AM	*10 ppt	*Beyond reasonable	

			range		
Standardized Salinity – LR Quantabs	NR	96 ppm			
DO – NR	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>	
pH – Color Match Kit	11:00 AM	7			
Nitrates - NR					
Phosphates - NR					
Alkalinity - NR					
Biological-					
Fish – Seine	Number	Name	Length of longest	Length of smallest	
10:30 AM-11:00 AM – 3 pulls	1 17 1	Atlantic Menhaden Banded Killifish Bluegill sunfish	13 cm 10 cm	- 7 cm	
Fish Totals	TOTAL: 19	Diversity: 3z			
Macroinvertebrates	Number	Name	Length of longest	Length of smallest	
	2	Blue Crab	3 cm	2 cm	
Macroinvertebrate Totals	TOTAL: 2	Diversity: 1			
Sediment Core –NR					
Length	H2S smell	Oxid Top	Oil	Grain Size	Other Features
Boats- NR					
	Time	Name	Color	North/Southbound	Light/Loaded
Commercial					
Recreational					