

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

Oakwood Friends– Amelia Goldstein

35 students & 4 adults

N 41°7056' – W -73°9403'

(Latitude 41° 42'32.80"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: Park Pier, parking lot

Surrounding Land Uses: 100% Urban/Residential

Shoreline: 100% Rocky

River Bottom: NR

Water: NR

Plants in the Water: NR

*NR = Not read/recorded

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
Physical				
<i>Air Temperature-</i>	11:10 AM	19.2°C	66°F	
<i>Wind Speed:</i>	11:25 AM	<i>Anemometer</i> 3.2 m/s	<i>Beaufort</i> NR	<i>Direction</i> N
<i>Weather today</i>	11:30 AM	>75% cloud cover	Steady Rain	
<i>Weather the past 3 days:</i>	Sunny, pleasant			
<i>Tides- Measured from dock to the water's surface</i>	<i>Time</i>	<i>Rising, Falling, Unchanged</i>		<i>Water Height (cm)</i>
	11:15 AM-12:22 PM	Rising		74 cm 72.5 cm
<i>Current-</i>	<i>Time</i>	<i>Cm/sec</i>	<i>Knots</i>	<i>North/South</i>
	11:20 AM	19.76	0.29	NR
	1:48 PM	12.6	NR	NR
				Flood Flood
<i>Water Temperature-</i>	11:00 AM	25°C	77°F	
<i>Turbidity- Long Sight Tube (120 cm)</i>	10:51 AM	33 cm	10:51 AM secchi disk – 57 cm	
	11:17 AM	110 cm	11:17 AM Secchi disk – 110 cm	
	11:21 AM	106 cm		
	11:25 AM	77 cm		
Chemical				
<i>Salinity-NR</i>				
<i>Standardized Salinity– LR Quantabs</i>	NR	96 ppm		
<i>DO – NR</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
<i>pH – NR</i>				
<i>Nitrates- NR</i>				
<i>Phosphates- NR</i>				
<i>Alkalinity- NR</i>				
Biological-				
<i>Fish – Seine</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>

Fish Totals	TOTAL: 0	Diversity: 0			
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>	
Macroinvertebrate Totals	TOTAL: 0	Diversity:0			
<i>Sediment Core –</i>					
Length	H2S smell	Oxid Top	Oil	Grain Size	Other Features
NR	Yes	No	No	Abundant: sand, gravel, pebbles Common: mud Rare: clay	Rare: brick
<i>Boats- NR</i>					
	Time	Name	Color	North/Southbound	Light/Loaded
Commercial					
Recreational					