

Day in the Life of the Hudson River 10/22/20 Data
RIVER MILE 55
(Salt Front ~RM 75)
Little Stony Point
NYS DEC Tom Lake, Lauren Martin
41°25'N - 73°58'W



Location: Little Stony Point beach, Cold Spring, Putnam County
Area: On the beach at Little Stony Point, facing Beacon across from Storm King, swimming, picnics, boating, jogging and fishing are main uses
Surrounding Land Use: 80% forested & 20% beach
Sampling Site: beach area, concrete, docking with pier
River Bottom –sandy

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading</i>	<i>Comment</i>
<i>Physical</i>				
Air Temperature	10:00 AM	21°C	70 °F	
Wind Speed	10:00 AM	<5 mph		
Cloud Cover	NR			
Weather today	10:00 AM no rain			
Weather recently	Sunny and mild			
<i>Water</i>	NR			
<i>Water Temperature</i>	10:00 AM	18.4°C	65 °F	
<i>Turbidity –</i>	NR			
<i>Chemical</i>				
DO	NR			
pH –	NR			
Salinity – instrument NR	10:00 AM	3.5 ppt		
<i>Biological</i>				
<i>Fish</i>	<i>Number</i>	<i>Species</i>	<i>Largest</i>	<i>Smallest</i>
All young of	15	Striped bass	7.1 cm	6.8 cm

year	30	American shad	9.1 cm	8.7 cm	
	170	Blueback herring	7.0 cm	5.2 cm	
	22	Atlantic Silverside	10.2 cm	8.0 cm	
	12	Banded killifish			
	13	Spottail Shiner			
	TLS: 262	DIVERSITY: 6			
Macroinvert	8	Blue crabs (Female)	4.5 cm		
	1	Beroe comb jelly (Beroe cucumis)			
	TLS: 9	DIVERSITY: 2			
Tides	Time of Low Tide	Time of High Tide	Sample Time	Direction at time of sampling	
	10:50 AM	5:15PM	10:00 AM	Ebbing	
Currents	Time	Cm/sec	Cm/Sec		
Core Description	Length	Rare	Common	Abundant	Notes
Traffic					
Other Observations					