

## RESULTS OF FISH SURVEY

Saturday, September 30, 2023

Mouth of Many Mind Creek

Atlantic Highlands, NJ

Sandy Hook Bay

Time: 6:00pm - 7:00pm (approx)

Moon Stage: Full "Harvest" Moon (97.5%)

Air Temperature = 63 degrees F

Water Temperature = 64.5 degrees F

Winds = Light, North 5-10 mph

Weather: Partly Cloudy, BUT nearly a foot of rain fell in the past week due to remnants of tropical storm Ophelia.

Salinity = 13.9 ppt. Low result due to influx of freshwater (around 9 inches) from remnants of tropical storm Ophelia over the past 7 days.

Turbidity = Cloudy, 1.2 feet clear.

Tidal Stage = Incoming tide. Next tidal Stage: High tide at 9:15pm approximately

Seaweed = Some evidence of Sea lettuce (*Ulva*). Scattered amounts of *Rhodophyta gracilaria* (red algae or red-branching filaments), Agardh's Red Weed (*Agardhiella* sp.) along the edge of the beach.

Interesting Items found on the beach:

- An abundance of horseshoe crab molts found on the beach along the high tide line.

Life found in Seine Net

400+ (approx) Atlantic Silversides or spearing (*Menidia menidia*).

2 juvenile Atlantic Blue Crabs (*Callinectes sapidus*)