

RESULTS OF FISH SURVEY

SATURDAY, AUGUST 5 2023

Sandy Hook Bay

MOUTH OF MANY MIND CREEK
Borough of Atlantic Highlands, NJ 07716

Time: 7:35pm - 8:36pm (approx)
Moon Stage: Waning Gibbous (84%)
Air Temperature = 77 degrees F
Water Temperature = 77.1degrees F
Winds = Light, Southwest at 5mph
Weather: Sunny with Haze from Canadian Wildfires
Salinity = 23.6
Turbidity = Cloudy, 1.4 feet clear.

Tidal Stage = Incoming tide. Next tidal Stage: High tide at 11:45pm 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.
- Razor Clams
- Ribbed Mussels
- Eastern Mud snails
- Atlantic Slipper snails
- Atlantic Blue Crab shells

Life found in Seine Net

1000+ (approx) Peanut Bunker or YOY (Young-of-the-Year) Atlantic Menhaden (*Brevoortia tyrannus*)

**** About 15 Common Terns (*Sterna hirundo*) were conducting a feeding frenzy on the bunker fish.

60+ Atlantic Silversides or spearing (*Menidia menidia*).

20+/- Atlantic Mummichogs (*Fundulus heteroclitus*)

5+ Shore Shrimp (*Palaemonetes* species)

1 juvenile male Striped Killifish (*Fundulus majalis*)

1 juvenile Atlantic Blue Crab (*Callinectes sapidus*)