

RESULTS of Fish Survey

Saturday, July 29 2023

Sandy Hook Bay

Avenue A Park

Borough of Atlantic Highlands, NJ 07716

Time: 12:15pm - 1:15pm (approx)

Moon Stage: Waxing gibbous - 86.4%

Air Temperature = 94 degrees F

Water Temperature = 82.9 degrees F

Winds = Light, Southwest at 5mph

Weather: Clear Skies, Sunny

Salinity = 22 ppt

Turbidity = Clear

Tidal Stage = Incoming tide. Next tidal Stage: High tide at 5:26pm approximately

Seaweed = An abundance 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

500+ (approx) Atlantic Silversides or spearing (*Menidia menidia*)

15+ Shore Shrimp (*Palaemonetes* species)

10 juvenile Winter Flounder (*Pseudopleuronectes americanus*)

5 YOY Atlantic Menhaden (*Brevoortia tyrannus*)

2 Northern Pipefish (*S. fuscus*)

1 adult male Striped Killifish (*Fundulus majalis*)

1 adult Common Spider Crab (*Libinia emarginata*)

1 juvenile Cunner (*Tautoglabrus adspersus*)

1 juvenile Northern Kingfish (*Menticirrhus saxatilis*)

1 Skilletfish (*Gobiesox strumosus*)

1 Isopod (*Isopoda*)