

RESULTS of Fish Survey

Saturday, July 30, 2022

Raritan Bay
Near Conaskonk Point
Borough of Union Beach, NJ

Time: 7:00pm - 8:30pm (approx)
Moon Stage: Waxing Crescent. Visible: 5.2%
Air Temperature = 82 degrees F
Water Temperature = 78 degrees
Winds = Light, Southwest 5-10mph
Salinity = 28 ppt
Turbidity = Cloudy

Tidal Stage = Incoming tide (High tide at 9:47pm).

Seaweed = Sea lettuce (*Ulva*), Rhodophyta gracilaria (red algae or red-branching filaments), Agardh's Red Weed (*Agardhiella* sp.) found in abundance around the edge of the beach.
Beach Tangleballs (clumps of intertwined plant parts).

300+ Atlantic Silversides or spearing (*Menidia menidia*) 2 inches to 2.5 inches long. 1 adult silverside about 4.5 inches long

100+ Salps or sea grapes (*Salpidae*)

5+ Striped Killifish (*Fundulus majalis*)

4 Juvenile or peanut bunker/Menhaden (*Brevoortia tyrannus*), each between 2.2 to 3 inches long.

5 Blue-claw crabs (*Callinectes sapidus*)

5 juvenile Striped Burrfish (*Chilomycterus schoepfi*)

1 juvenile Northern stargazer (*Astroscopus guttatus*)

1 Skeleton Shrimp (*Caprellidae*)

*Many horseshoe crab molts found on the beach