

**NMFS Observation Summary  
Shrewsbury/Navesink Dolphins  
Nov 4-6, 2008**

**04 Nov 08**

Sighting 1 – West of Oceanic Bridge

Depth: 16.5 ft

Water temp: 9.9°C

Salinity: 23.2

6 animals photographed – 01, 05, 06, 08, 11, and 15

Animals were spread apart, seen feeding on stripped bass, bay anchovies, and bluefish. Sighting started at 8:52, jack hammering on bridge started at 9am – no change in behavior was seen.

Sighting 2 – Shrewsbury River

Depth: 22 ft

Water temp: 10.5°C

Salinity: 23.2

6 animals photographed - 02, 03, 04, 07, 09, and 12

Animals were first seen in the Shrewsbury River near the confluence of the two rivers. During the sighting animals traveled north within 300 meters of Highlands bridge and then south again. The animals were mostly milling/traveling in a tight group, while a 2-3 would break off for a fast swim and regroup.

**05 Nov 08**

Sighting 1 – West of Oceanic Bridge

Depth: 9-16 ft

Water temp: 10.4°C

Salinity: 23.1

5 animals photographed – 01, 05, 08, 11, and 15

Animals were spread apart, milling, and some were feeding on bay anchovies. Some video was recorded.

Sighting 2 – Shrewsbury River

Depth: 15 ft

Water temp: 10.8°C

Salinity: 23.1

7 animals photographed – 02, 03, 04, 06, 07, 09, and 12

Animals were first seen in the Shrewsbury River near the confluence of the two rivers. Animals were in a tight group moving only slightly north and south. Some video was recorded. Note that 06 was seen at the Oceanic Bridge on 04 Nov.

Sighting 3 – Same as sighting 1

Depth: 14 ft

Water temp: 10.9°C

Salinity: 23.2

**06 Nov 08** – rainy day!

Sighting 1 – West of Oceanic Bridge (north end)

Depth: 13 ft

Water temp: 11.5°C

Salinity: 22.8

3 animals photographed – 05, 08, and 15

Animals were spread out and milling.

Sighting 2 - Channel marker 14 in Navesink River

Depth: 5 ft

Water temp: 12.7°C

Salinity: 23.0

7 animals photographed – 02, 03, 04, 06, 07, 09, and 12

Animals were tightly grouped and traveling. Animals approached what appeared to be a group of menhaden and exhibited possible feeding behavior. When fish school dissipated, animals resumed previous grouping and slow travel. Animals from sighting 1 were seen on the east side of the bridge just north of the school of fish.

Sighting 3 – West of Oceanic Bridge (south end)

Depth: not recorded

Water temp: 11.9°C

Salinity: 23.0

2 animals photographed – 01 and 11

Animals were milling and staying close together.