

**NMFS Observation Summary  
Shrewsbury/Navesink Dolphins  
June 27-30, 2008**

**27 June 2008**

Sighting 1 – Shrewsbury River  
Depth: 15 - 20 ft  
Water temp: 24.1  
Salinity: 24.6  
16 Animals Photographed: 01-16

Animals were first seen in the Shrewsbury River north of the Sea Bright Bridge (just off of McLoone's restaurant). Animals moved north during the morning, but generally stayed in the same area through 13:31.

**28 June 2008**

Sighting 1 – Confluence of Navesink and Shrewsbury Rivers  
Depth: 9 - 20 ft  
Water temp: 26.1  
Salinity: 24.4  
16 Animals Photographed: 01-16  
1 biopsy sample collected: NJ 12 (male)

Animals were first seen in the Shrewsbury River at the confluence of the Navesink and Shrewsbury Rivers at 5:50 am. We began attempts to biopsy. A biopsy sample was collected from NJ 12 at 6:44 am mid-way between the confluence and the Sea Bright Bridge. Animals stayed in the same general area north of the Sea Bright Bridge through 13:30.

**29 June 2008**

Sighting 1 – Confluence of Navesink and Shrewsbury Rivers  
Depth: 9 - 18 ft  
Water temp: 26.6  
Salinity: 24.5  
16 Animals Photographed: 01-16  
1 biopsy sample collected: NJ 09 (female)

Animals were first seen in the Shrewsbury River north of the confluence of the Navesink and Shrewsbury Rivers at 5:49 am. We began attempts to biopsy. A biopsy sample was collected from NJ 09 at 8:35 am in the Shrewsbury River at the confluence of the two rivers. During the duration of our observations, animals traveled from the confluence north within a few 100 meters of the Highlands Bridge, then turned sound and traveled to within a 100 meters of the Sea Bright Bridge (off McLoone's), then turned north again

and headed towards the Highlands Bridge. Our observations ended due to poor sighting conditions at 14:17 with the animals half way in between the two bridges (just south of the confluence).

### **30 June 2008**

Sighting 1 –

Depth:

Water temp:

Salinity:

16 Animals Photographed: 01-16

2 biopsy samples collected: NJ 02 (female) & 13 (female)

Animals were first seen in the Shrewsbury River near the Highlands Bridge at 5:50 am. We began attempts to biopsy. A biopsy sample was collected from NJ 02 at 8:19 am mid-way between the confluence and the Highlands Bridge. A second biopsy sample was collected from NJ 13 at 9:48 am mid-way between the confluence and the Sea Bright Bridge. During the period between the two biopsy samples, the animals traveled about 600 meters into the Navesink River and then back to the Shrewsbury River. The animals then resumed the north/south travel behavior seen in previous days until we left them at 16:45.