

**Delaware River American Shad Hydroacoustic Monitoring Report at Route 202 Bridge  
4/5 to 4/11/04**

**Delaware River Conditions**

Discharge: At the beginning of the monitoring period on 5 April river discharge was decreasing but still just over 15,600 cubic feet per second. Flows declined every day, falling to just a little over approximately 11,200 cfs by 11 April.

Temperature: Water temperature on 5 and 6 April was just above 45°F. Over the following 4 days temperatures steadily increased to over 50°F by 10 and 11 April.

**Shad School Observations**

Data auditing and target verification conducted on data collected from 5 April to 11 April 2004.

Setup 1: No shad observations in span 1 during monitoring period.

Setup 2: Targets detected only in span 3 on 6, 7, 9 and 10 April. Note: schools still small and individuals not tightly packed.

Setup 3: Targets detected in span 4 on 9 and 10 April, and in span 5 only on 9 April. Still no large, extended-time-period shad-passage events recorded.

**Additional Notes**

The American shad schools observed thus far, 3/12 through 4/11/04, consist of hundreds of fish, not thousands.