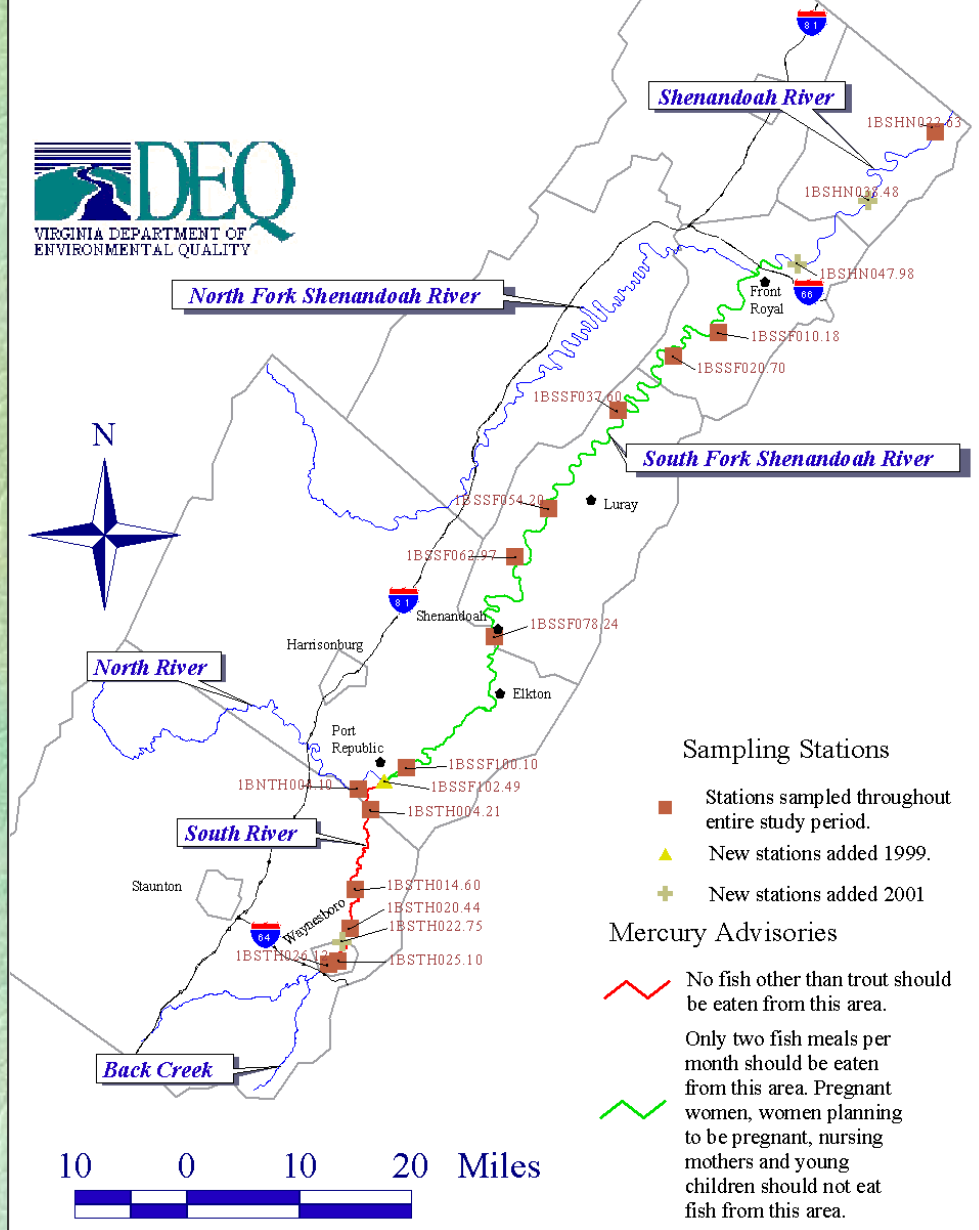


# Goals of 2001 Fish Sampling

- Better define upstream boundary of high fish tissue mercury in the South River
- Increase number of stations on main-stem Shenandoah River
- Collect smaller fish for comparison to historic data

# MERCURY FISH ADVISORIES IN THE SHENANDOAH RIVER BASIN



**Sampling Stations**

- Stations sampled throughout entire study period.
- ▲ New stations added 1999.
- ⊕ New stations added 2001

**Mercury Advisories**

- No fish other than trout should be eaten from this area.
- Only two fish meals per month should be eaten from this area. Pregnant women, women planning to be pregnant, nursing mothers and young children should not eat fish from this area.

## Station Designations

### South River

- A - City Park Above Rife Loth Dam (1)
- B - Below DuPont Footbridge (2)
- C - Hopeman Parkway

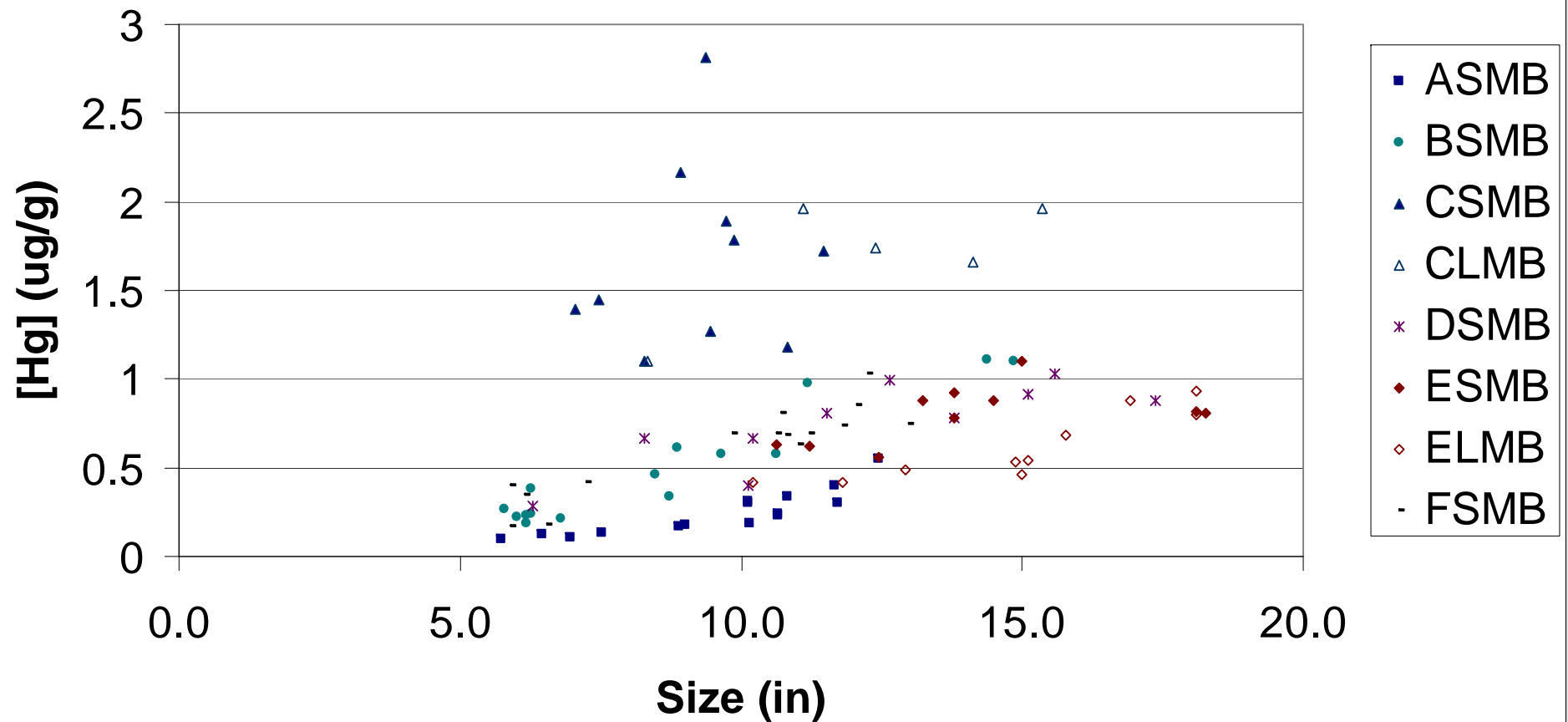
### Shenandoah River

- D - Below Warren Dam
- E - Rt. 17/50 Bridge
- F - Berryville (14)

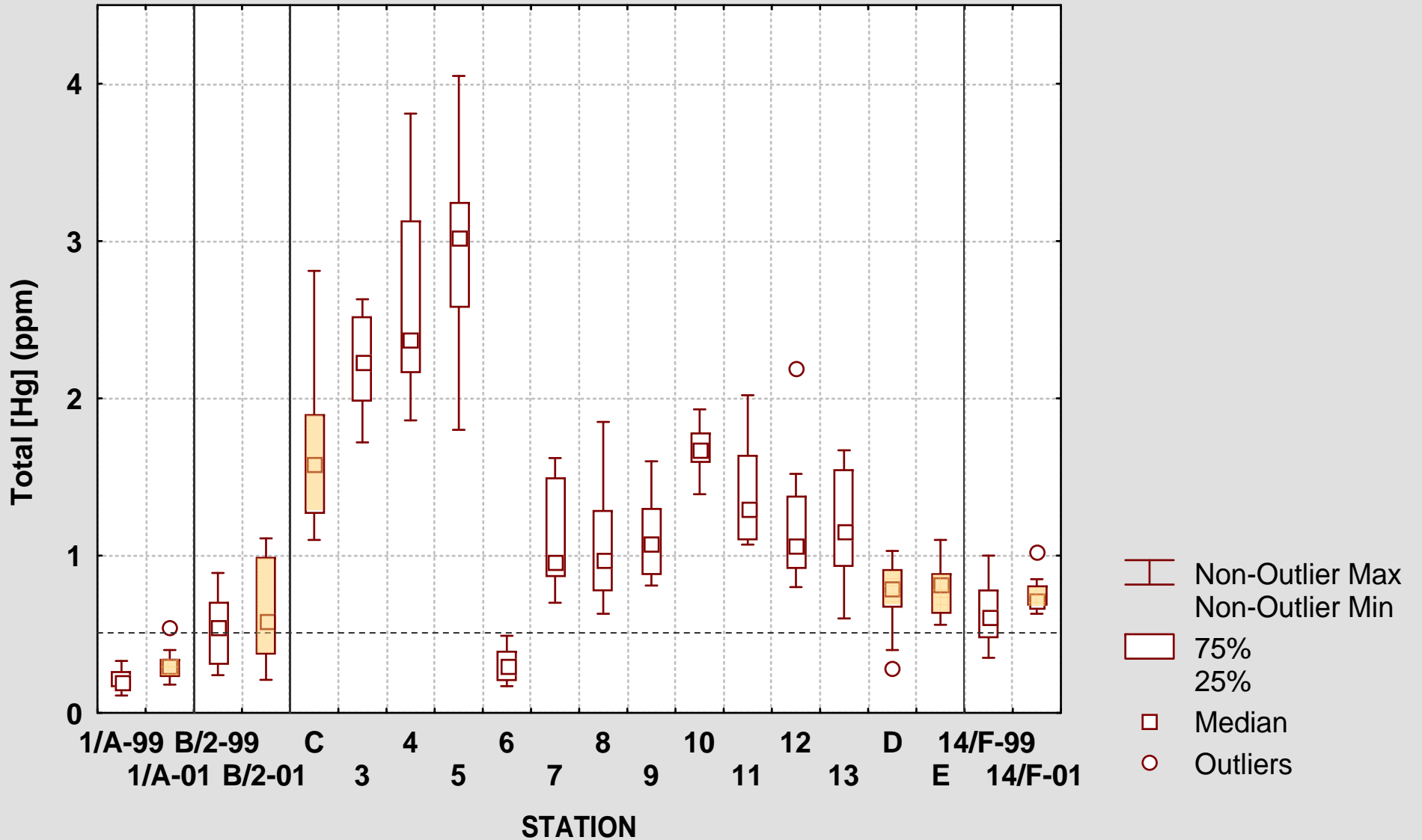
# Collection Effort

Station	Smallmouth	Largemouth
A	15	
B	15	
C	10	5
D	10	
E	10	10
F	15	

## Mercury Concentration vs. Size of Smallmouth and Largemouth Bass



**Box Plot (Smallmouth Bass Collected in 1999 and 2001)**



Data is available at the DEQ Website

<http://www.deq.state.va.us/rivers/mercury.html>