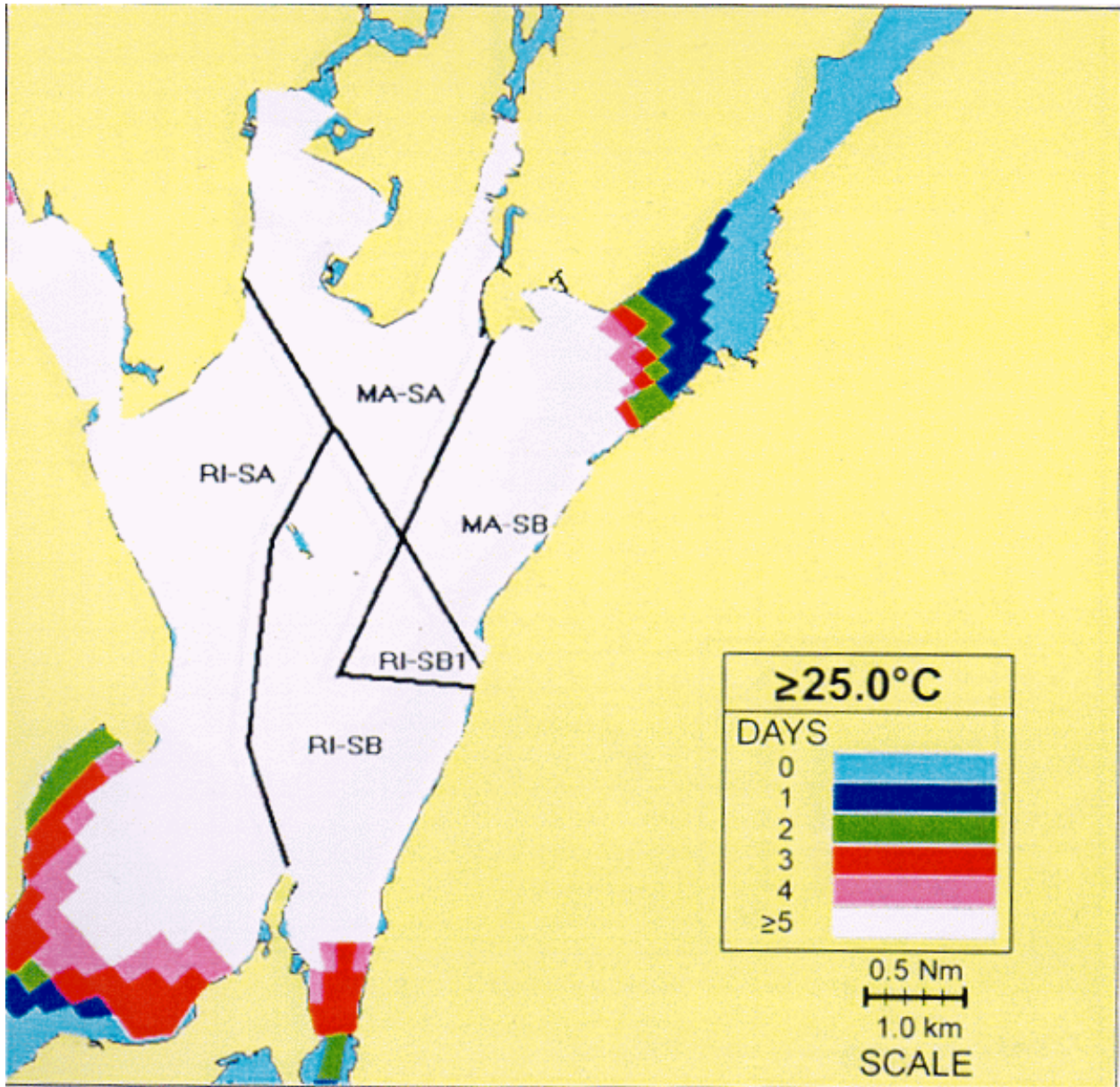
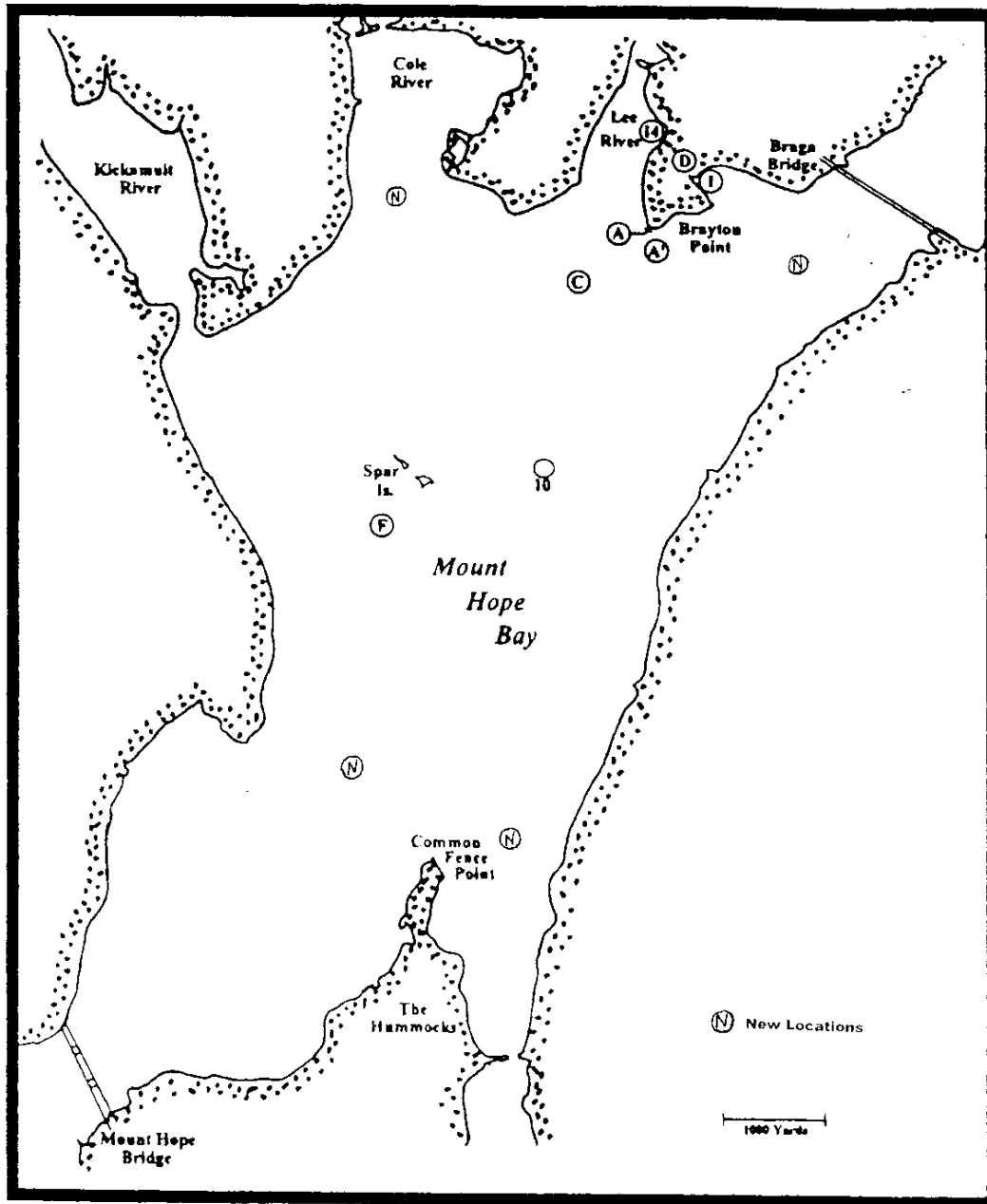


**Figure 1: Estimated Thermal Plume Dynamics in Mount Hope Bay for Brayton Point Station's Current Thermal Load**



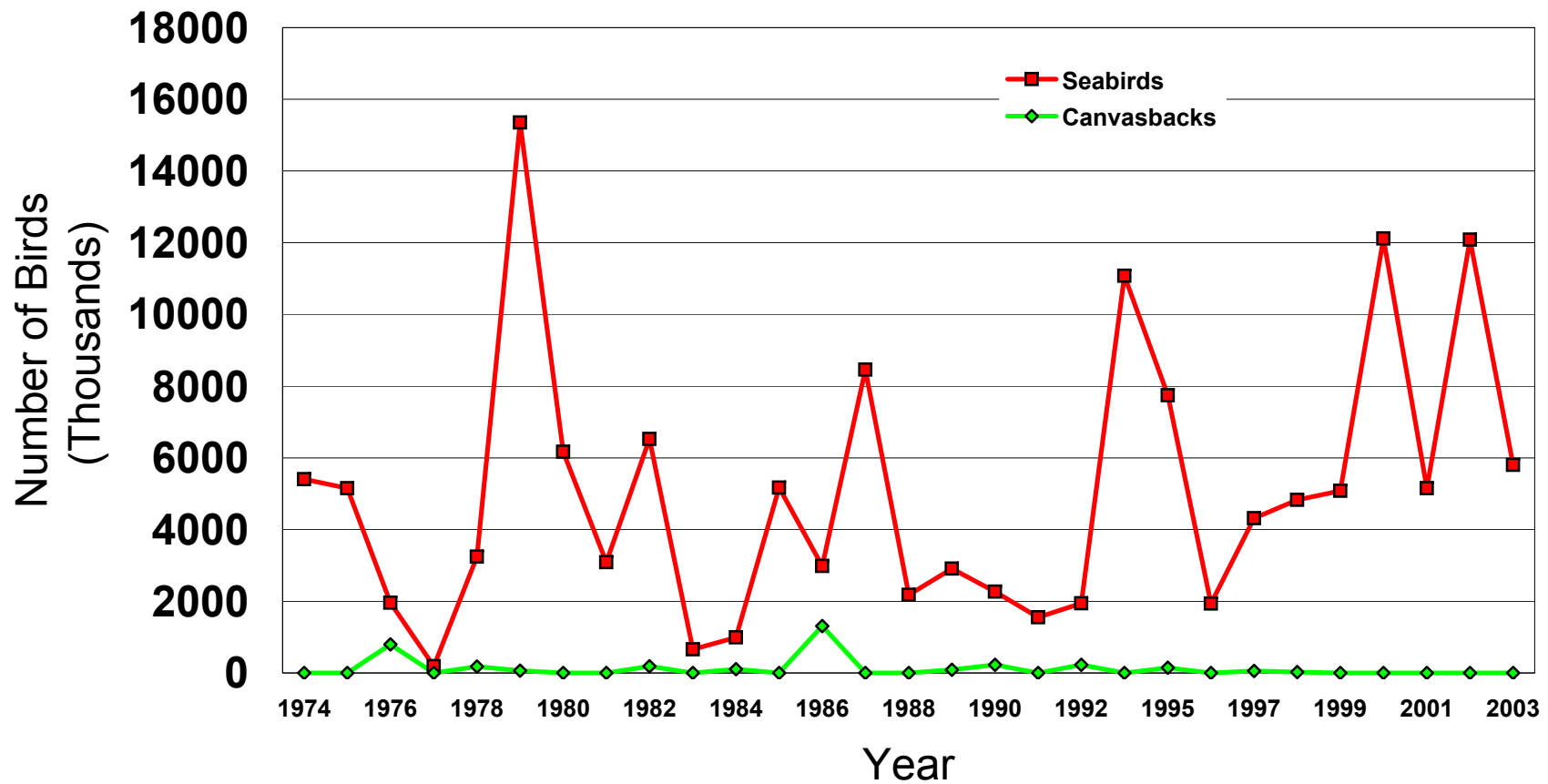
Source: Applied Science Associates and Lawler, Matusky & Skelly Engineers, Supplemental Hydrothermal and Biothermal Evaluations, October 1, 2001.

**Figure 2: Location of Thermistors for Water Temperature Monitoring in Mount Hope Bay**

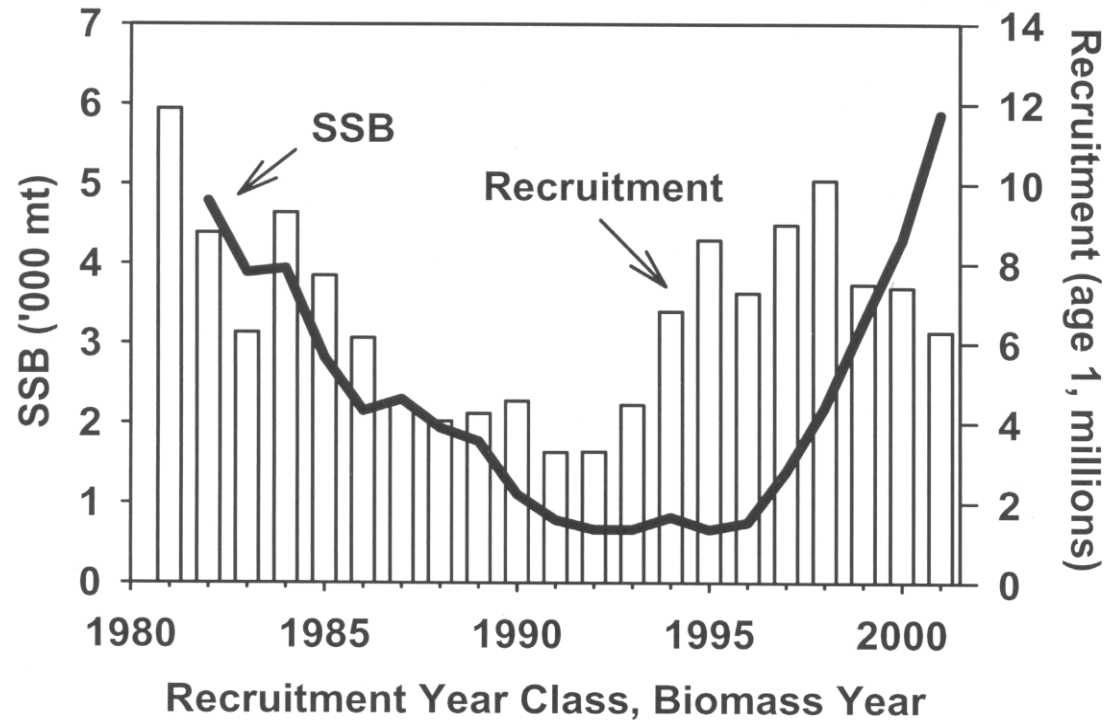


Revised from: PG&E Generating and Marine Research, Inc., Brayton Point Station 1998 Annual Report, September 1999.

### Figure 3: Seabird Abundance in Mount Hope Bay



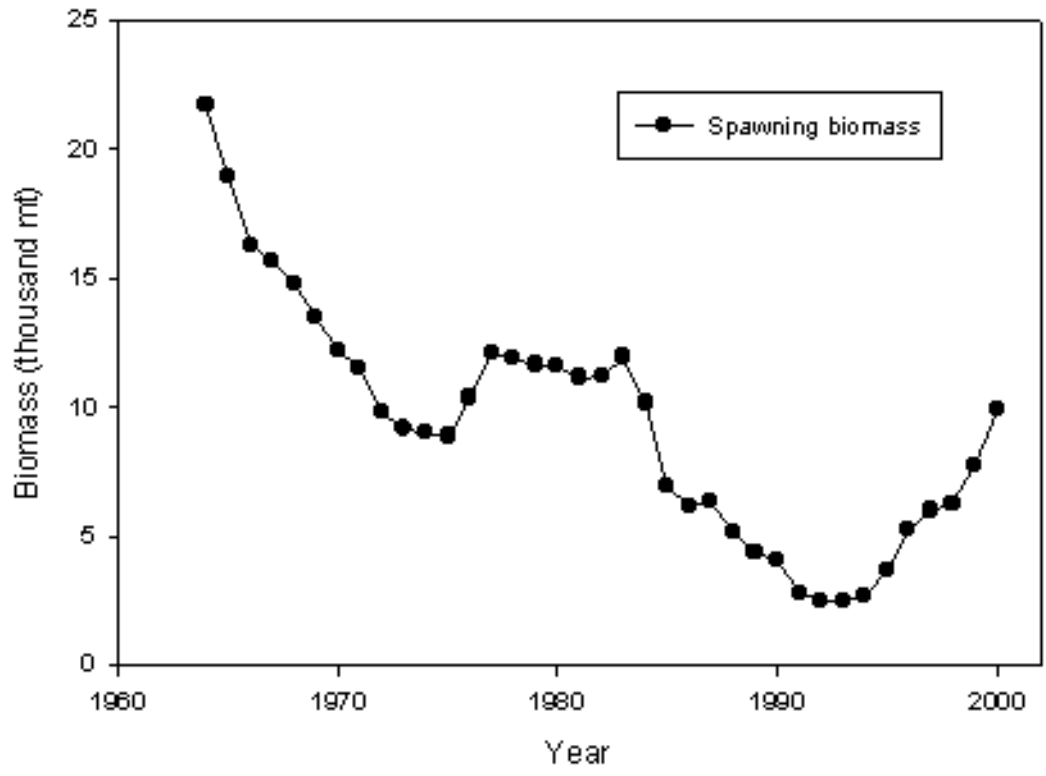
**Figure 4: Gulf of Maine Winter Flounder Spawning Stock Biomass and Recruitment**



Source: Assessment of 20 Northeast Groundfish Stocks through 2001, A Report of the Groundfish Assessment Review Meeting (GARM), Northeast Fisheries Science Center, Woods Hole, Massachusetts, October 8-11, 2002

Can be found at <http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0216/>

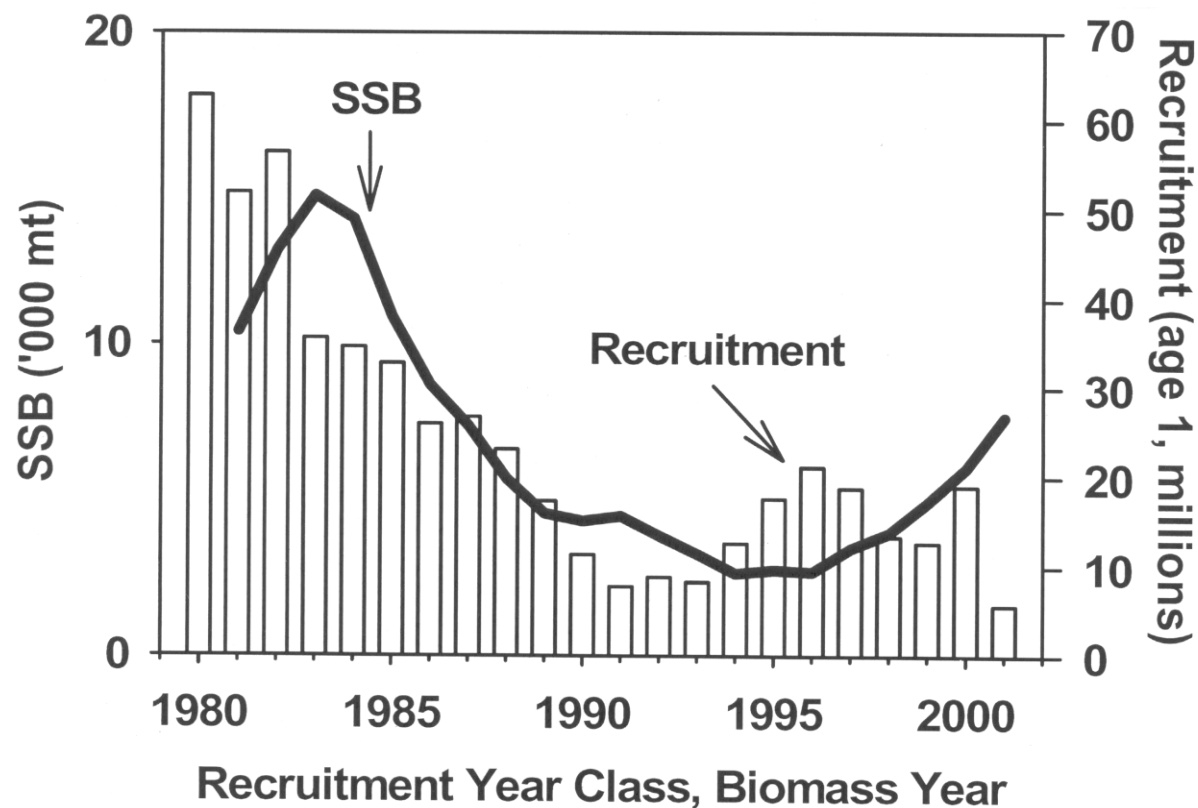
**Figure 5: Georges Bank Winter Flounder Spawning Biomass (thousand mt) 1964-2000**



Source: Jon K.T. Brodziak, Northeast Fisheries Science Center Reference Document 02-03  
An Age-Structured Assessment Model for Georges Bank Winter Flounder, March 2002

Can be found at <http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0203/>

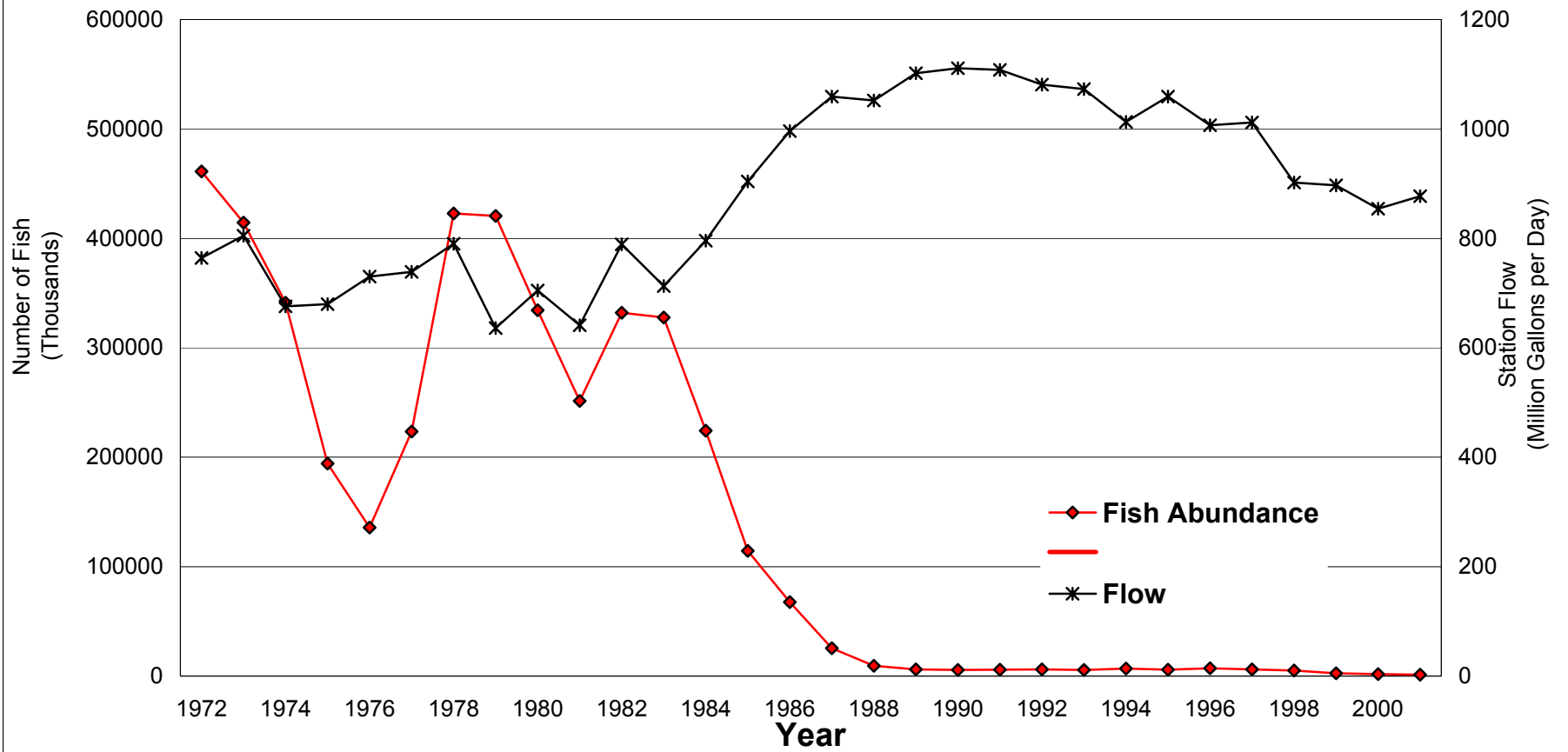
**Figure 6: Southern New England Winter Flounder Spawning Stock Biomass and Recruitment**



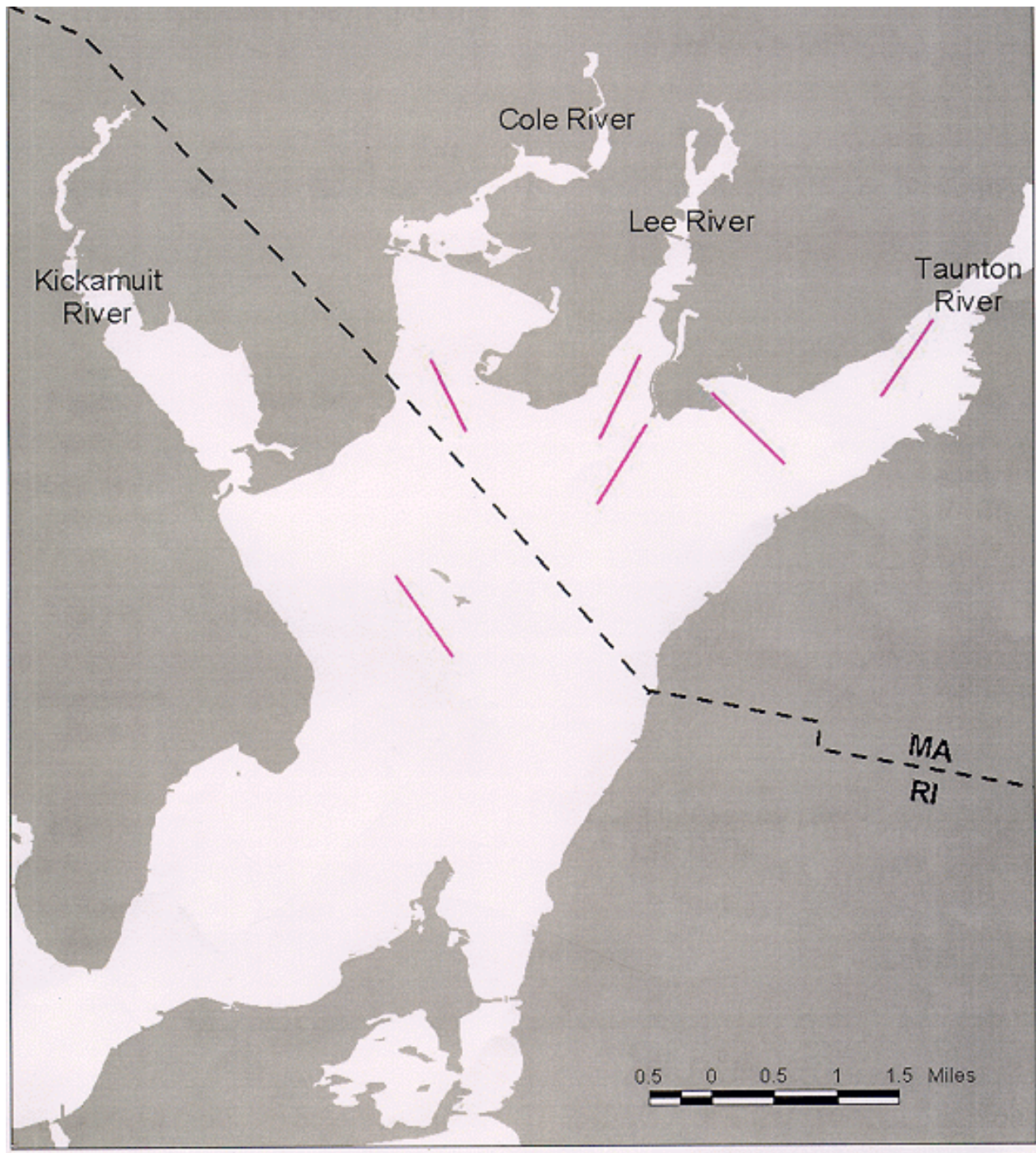
Source: Assessment of 20 Northeast Groundfish Stocks through 2001, A Report of the Groundfish Assessment Review Meeting (GARM), Northeast Fisheries Science Center, Woods Hole, Massachusetts, October 8-11, 2002

Can be found at <http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0216/>

**Figure 7 : Mount Hope Bay Winter Flounder Abundance and Station Flow versus Year**



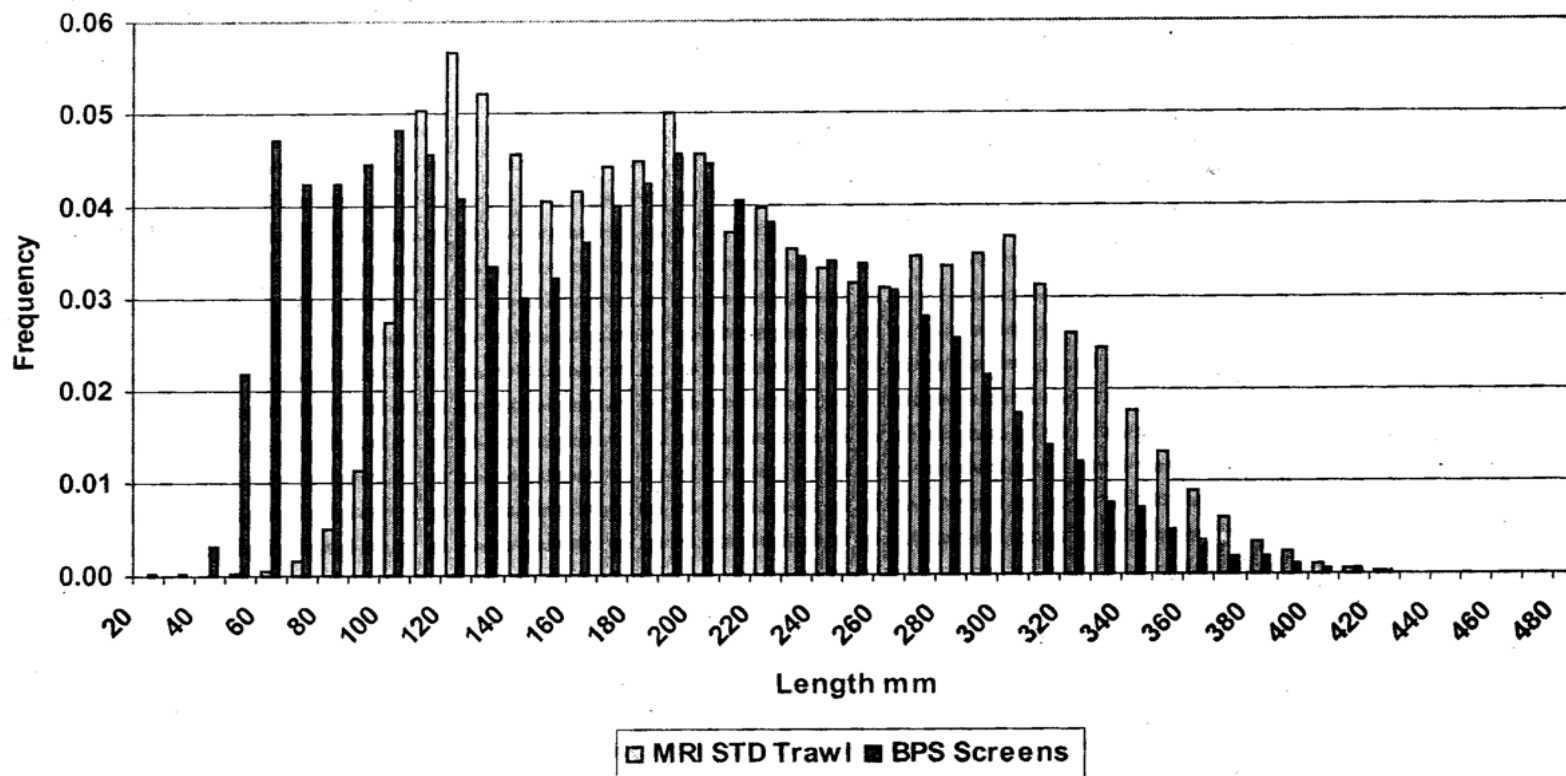
**Figure 8: Mount Hope Bay Standard Trawl Fixed Locations (1972- Present)**



Source: Mike Scherer, Marine Research, Inc.

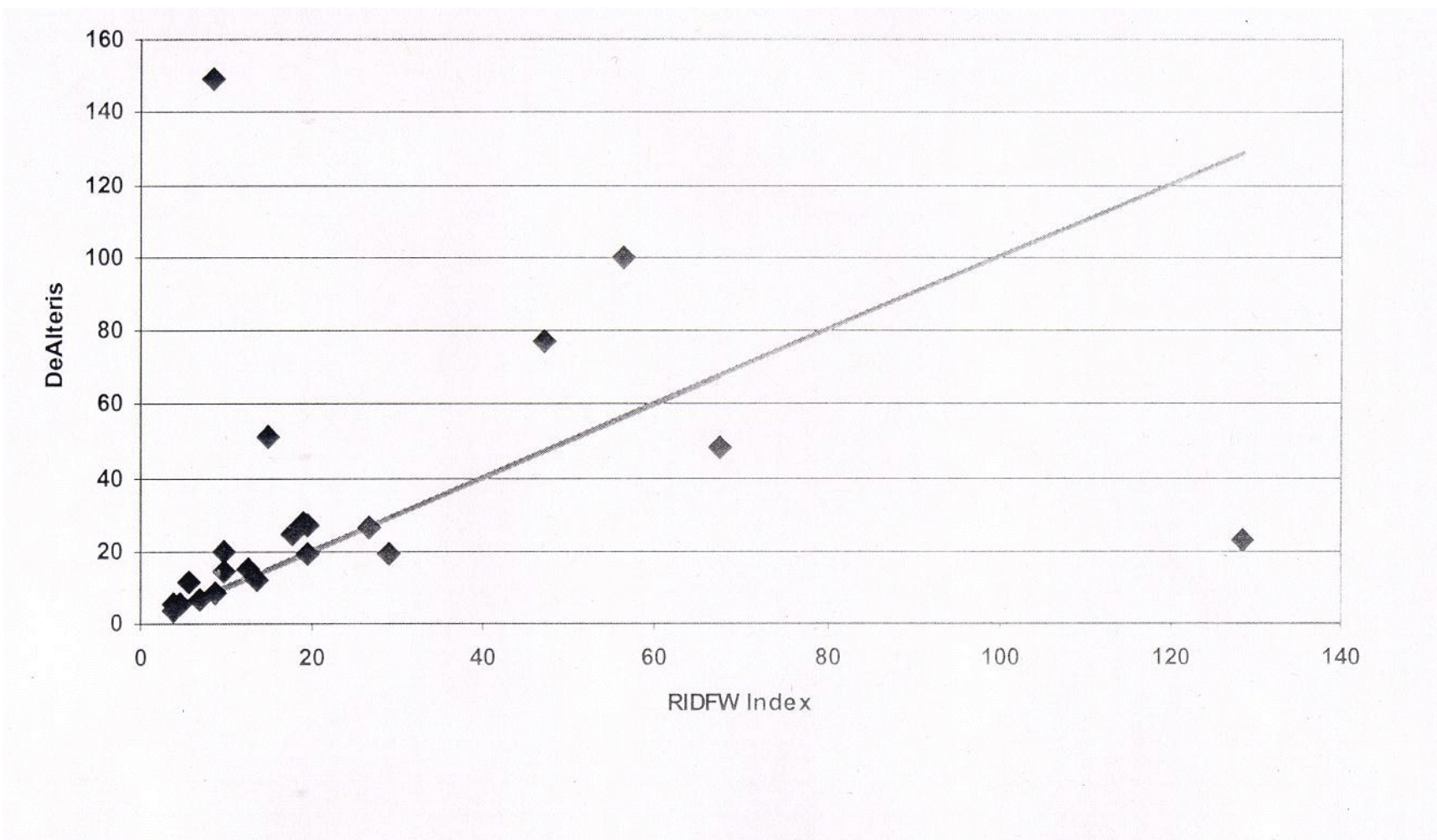


**Figure 9: Comparison of Winter Flounder Length Frequencies in the MRI Standard Trawl Survey and Brayton Point Revolving Screens Samples, 1972-2001**



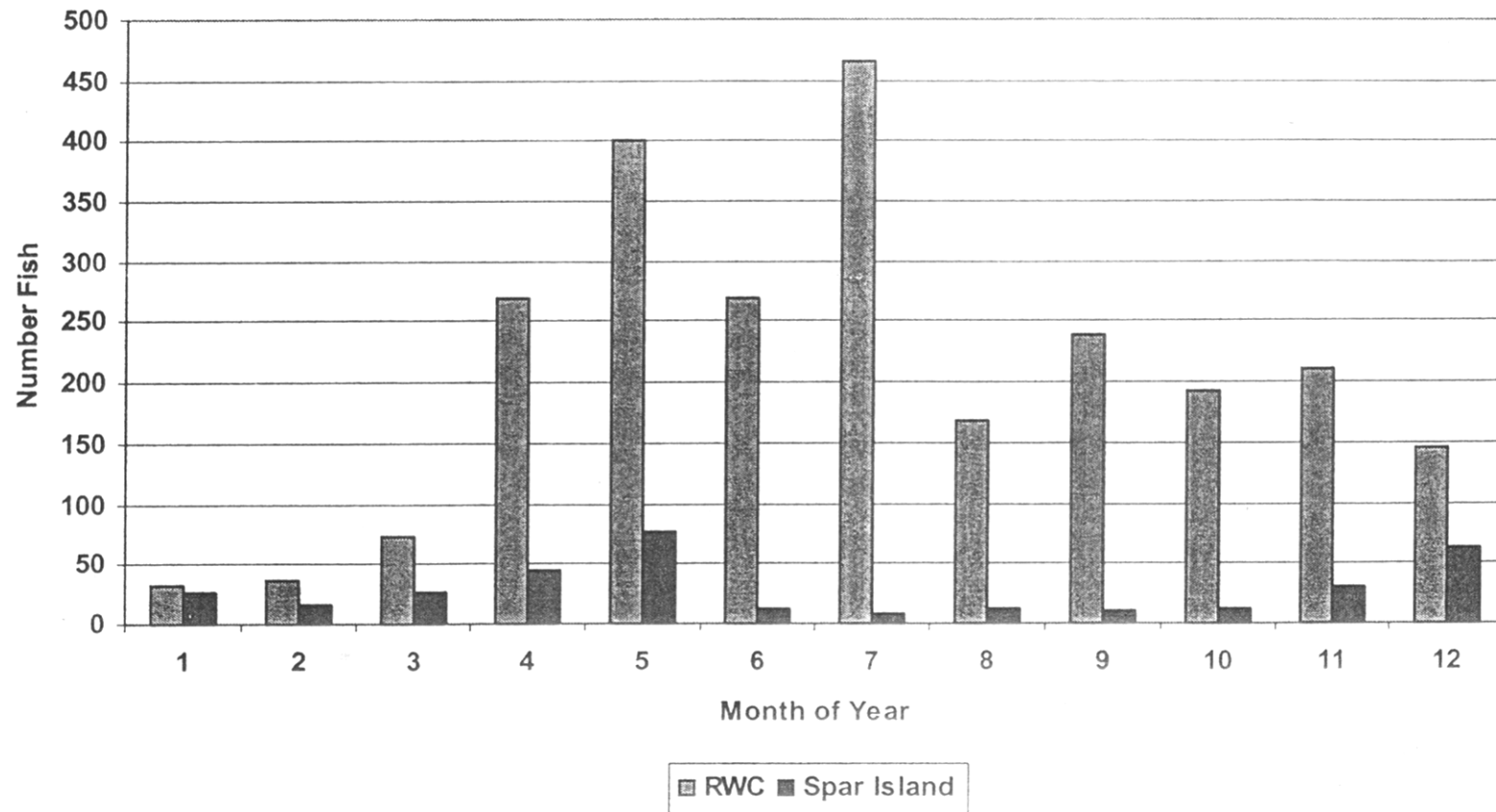
Source: Mark Gibson, Comments on the DeAlteris and Hilborn and Punt Reports on Fish Trends in Mount Hope Bay and Impacts of Brayton Point Station on Winter Flounder, August 2002.

**Figure 10: Comparison of RI DFW Mt. Hope Bay Winter Flounder Indices Reported by DeAlteris (2002) and Recomputed by Agency from Survey Database and Trawl Logs**



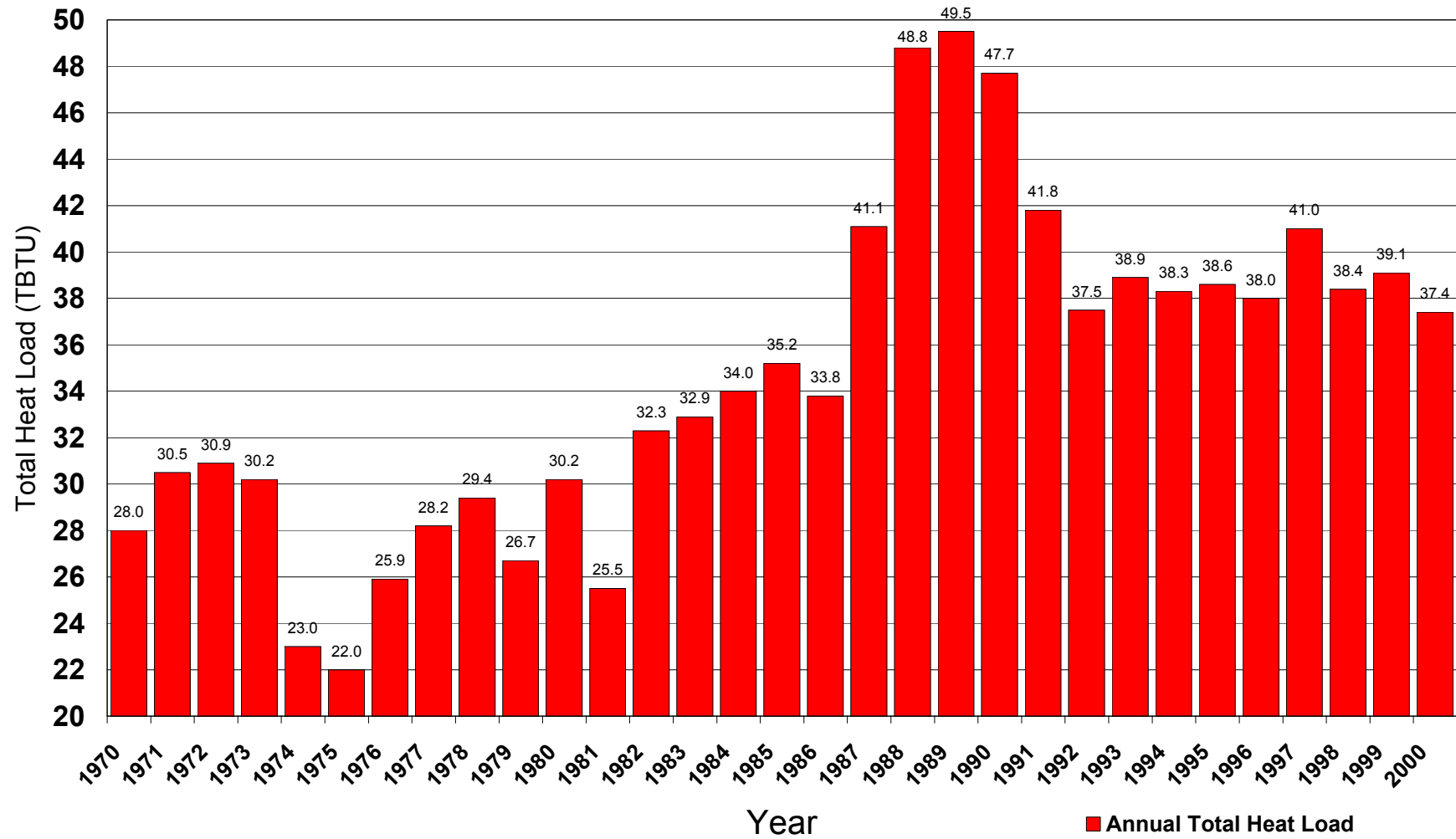
Source: Mark Gibson, Comments on the DeAlteris and Hilborn and Punt Reports on Fish Trends in Mount Hope Bay and Impacts of Brayton Point Station on Winter Flounder, August 2002.

**Figure 11: Winter Flounder Catches in the RI DFW Monthly Trawl Survey at Spar Island and off Roger Williams College, 1990-2001**

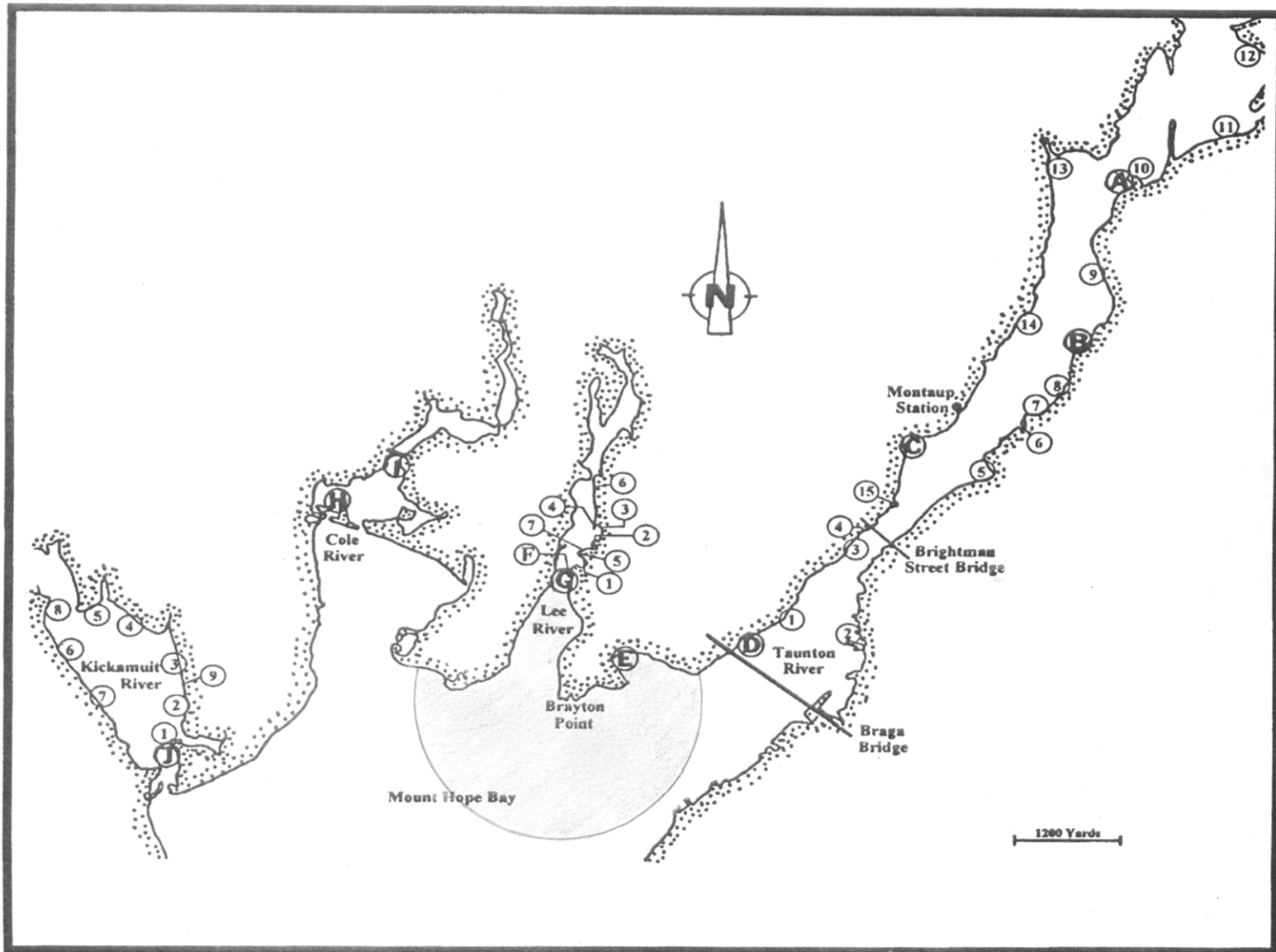


Source: Mark Gibson, Comments on the DeAlteris and Hilborn and Punt Reports on Fish Trends in Mount Hope Bay and Impacts of Brayton Point Station on Winter Flounder, August 2002.

**Figure 12: Brayton Point Station Heat Rejection versus Time  
(1970 - 2000)**



**Figure 13: Estimated Area of Thermal Impact in Relation to Location of Young-of-Year Beach Seine Stations in Mount Hope Bay**



Revised from: Assessment of 20 Northeast Groundfish Stocks through 2001, A Report of the Groundfish Assessment Review Meeting (GARM), Northeast Fisheries Science Center, Woods Hole, Massachusetts, October 8-11, 2002