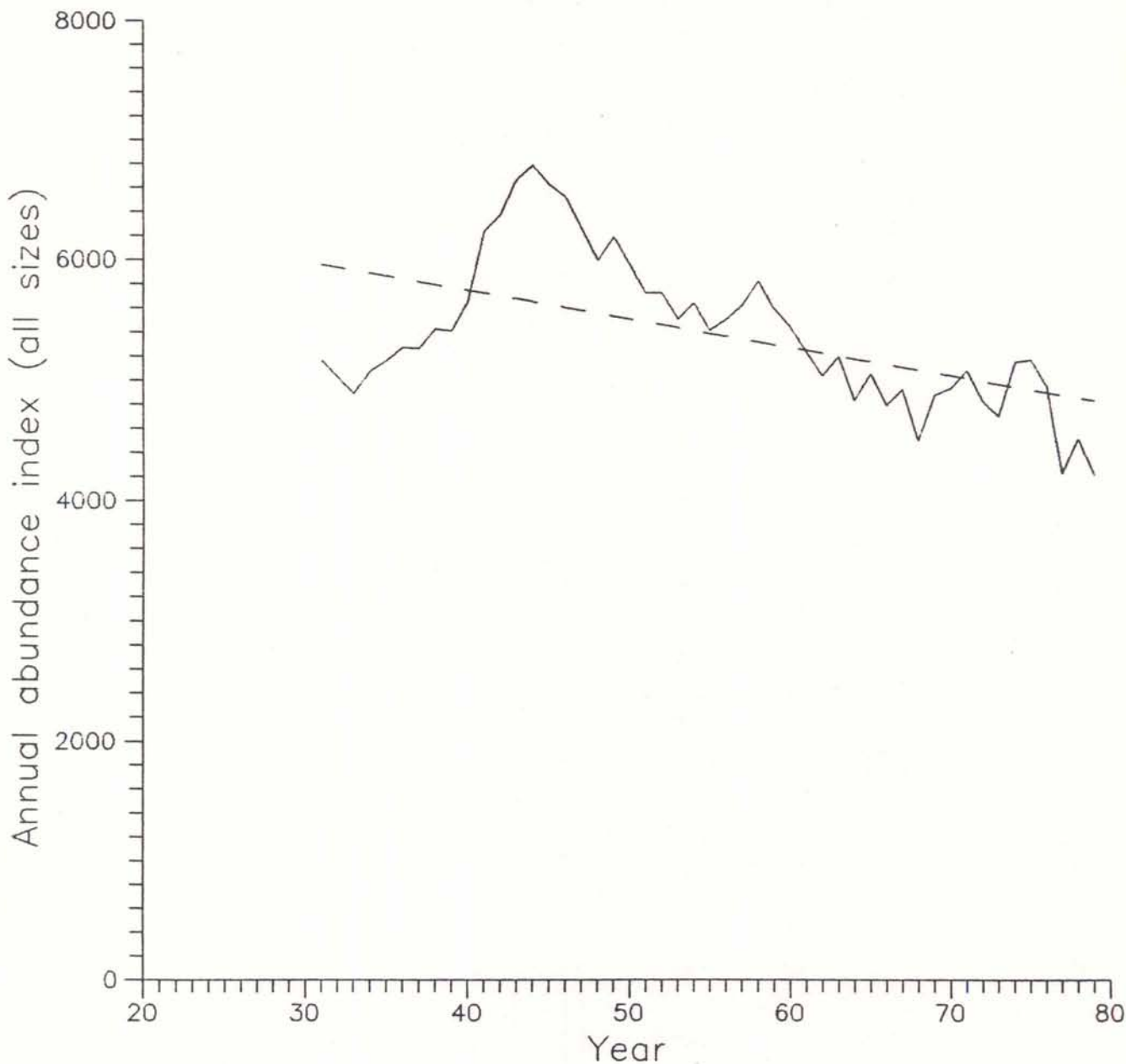


Annual abundance index of Bay shrimp (Crangon franciscorum) by year for the period 1931-1986. A 10 year back calculated running mean was used. For the years 1922-1979 the abundance index was estimated using the equation  $\text{index} = 2386.8 * (\text{Ln March-May outflow}) - 19690.9$ . This equation represents the best fit line of the 1980-86 C. franciscorum annual abundance index vs. March-May Chipp's Island outflow.



Estimated annual abundance index of Bay shrimp (Crangon franciscorum) vs. year for the period 1931-1979. A 10 year back calculated running mean was used. Abundance index =  $2386.8 * (\ln(\text{March-May outflow})) - 19690.9$ . Equation represents the best fit line of the 1980-86 C. franciscorum annual abundance vs. March-May Chipp's Island outflow.