

Dr E. Batham and Mr S. Rainer calculated the monthly means of sea surface temperatures at Portobello. My thanks are additionally due to Dr Batham for her encouragement and help in organising other aspects of this work. Mr J. A. Bell, deputy constructive manager of H.M.N.Z.N. Dockyard, Auckland, kindly provided the basic data collected from the vicinity of Calliope Dock, and F/O A. J. Tiller (R.N.Z.A.F.) the information on tidal currents in the upper part of Auckland Harbour. The Director of the N.Z. Meteorological Service provided air temperature and rainfall data for the Auckland and Dunedin areas. Text-figs. 1, 2 and 6 are based on official publications, and are reproduced by permission of the Department of Lands and Survey, New Zealand, and of the Hydrographer of the Royal New Zealand Navy.

Mr J. S. Colman and Dr E. J. Batham read and commented on the manuscript. I should also like to thank the following for their help at various times: Mr J. B. Jillett, Mr A. D. Michael, Dr J. Harris and Miss A. Justice.

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