

COMMONWEALTH OF AUSTRALIA  
DEPARTMENT OF EXTERNAL AFFAIRS

AUSTRALIAN NATIONAL ANTARCTIC RESEARCH EXPEDITIONS



# ANARE INTERIM REPORTS

SERIES A

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## FOREWORD

The organization known as the Australian National Antarctic Research Expeditions (ANARE) was established by the Australian Government in 1947 to carry out programmes of scientific research and exploration in Antarctica and at the sub-Antarctic Heard Island and Macquarie Island. The publications listed in this Interim Report are those which have arisen from the work of the ANARE from the time of its inception until December 1964.

The ANARE comprises a number of co-operating agencies: The Antarctic Division (Department of External Affairs), the Commonwealth Bureau of Meteorology (Department of the Interior), the Bureau of Mineral Resources, Geology and Geophysics (Department of National Development), the National Mapping Division (Department of National Development), the Ionospheric Prediction Service (Department of the Interior), certain sections of the Departments of Army, Navy and Air, the Division of Wildlife Research and other divisions of CSIRO, School of Public Health and Tropical Medicine of the University of Sydney and Commonwealth Department of Health, Physics Department of the University of Melbourne, and from time to time a number of other university departments.

I take this opportunity to acknowledge with gratitude the contributions of these agencies to the sum of ANARE achievements.

P. G. Law

DIRECTOR

Antarctic Division,  
Department of External Affairs.

## ARRANGEMENT OF ITEMS

Bibliographical items are arranged as follows:

- (1) Under the disciplines listed;
- (2) Within (1), grouped as -
  - (a) ANARE Reports,
  - (b) ANARE Interim Reports,
  - (c) Papers,
  - (d) Maps,
  - (e) Books;
- (3) Within the grouping of (2), in the alphabetical order of the author's name, or joint authors' names, and in the chronological order of the author's listed publications.

The entry in brackets at the end of each bibliographical item is a reference code internal to the Antarctic Division which can be used when enquiring about individual items.

Supplementary pages of additional items will be available at intervals of one year prior to the subsequent printing of a completely revised list.

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UPPER ATMOSPHERE PHYSICS

COSMIC RAYS

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IONOSPHERE

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UPPER ATMOSPHERE WINDS

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