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INFORMATION FOR CONTRIBUTORS

Manuscripts for the METEOROLOGICAL MONOGRAPHS should be sent directly to the Editor: E. Wendell Hewson, Department of Civil Engineering, University of Michigan, Ann Arbor, Michigan. Manuscripts may be submitted by persons of any nationality who are members or nonmembers of the Society, but only manuscripts in the English language can be accepted. Every manuscript submitted is reviewed and in no case does the editor advise the author as to acceptability until at least one review has been obtained. Authors will receive galley proof but not page proof.

Manuscripts. The manuscript must be complete and in final form when submitted. It must be original type-written copy on one side only of white paper sheets $8\frac{1}{2} \times 11$ inches, consecutively numbered; double spacing and wide margins are essential. Carbon copy and single spacing are not acceptable.

Each manuscript may include the following components, which should be presented in the order listed. Of these, the table of contents; title, author's name and affiliation; abstract; text; references; and legends are obligatory.

1. Title page. This will be prepared by the editor if the manuscript is accepted for publication.

2. Preface or foreword. A preface may be contributed by the sponsors of the investigation, or by some other interested group or individual. The preface should indicate the origin of the study and should present other facts of general interest which emphasize its importance and significance.

3. Table of contents. Chapter, section, and subsection headings should all be listed in the table of contents.

4. Title, author's name and affiliation. The affiliation should be stated as concisely as possible and should not constitute a complete address. The date of receipt of the manuscript is supplied by the editor.

5. Abstract. This should summarize the principal hypotheses, methods, and conclusions of the investigation. It should not include mathematical symbols or references to equation numbers, since the abstract is sometimes quoted verbatim in abstracting or reviewing journals.

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METEOROLOGICAL MONOGRAPHS

Volume 3

July 1957

Numbers 12-20

METEOROLOGICAL RESEARCH REVIEWS: summaries of progress from 1951 to 1955

by

H. E. Landsberg; J. C. Bellamy;
J. S. Marshall and W. E. Gordon; S. Petterssen; T. F. Malone;
E. O. Hulburt; H. J. aufm Kampe, H. K. Weickmann.

Edited by Alfred K. Blackadar

*Sponsored by the Geophysics Research Directorate
of the Air Force Cambridge Research Center,
Air Research and Development Command*

PUBLISHED BY THE AMERICAN METEOROLOGICAL SOCIETY
3 JOY ST., BOSTON 8, MASS.

ISBN 978-1-940033-19-8 (eBook)

DOI 10.1007/978-1-940033-19-8

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Published and sold by

AMERICAN METEOROLOGICAL SOCIETY

3 JOY STREET, BOSTON 8, MASS.

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PREFACE

The American Meteorological Society appointed the Committee for Collation and Organization of the Research Recommendations of Authors of the Compendium, known as CORRAC, early in 1954. Members of the committee were Daniel F. Rex, Cmdr., USN, Chairman, Dr. John C. Freeman, W. Ferguson Hall, Harry Press, and Dr. Jerome Spar. This committee agreed that its objectives could be most effectively carried out by presenting a series of survey articles, each of which would summarize in its field the recommendations contained in the *Compendium of meteorology* and review progress made since the preparation of these recommendations.

Fields originally selected by the committee for the survey articles were: physical meteorology, theoretical meteorology, weather observations, analysis and forecasting, meteorological instrumentation, and applied meteorology. Specialists were invited by the committee to write the reviews, and Professor James E. Miller was selected as editor. The articles contained in this volume embody the results of these plans with some modifications required by circumstances.

For many months the full responsibility for carrying out the details of this project was sustained by Professor Miller. He was a source of stimulation to the authors, helped them in defining the bounds and

content of each article, set a pattern for style, and conducted a preliminary editing of four of the articles. His capable direction was interrupted by illness in April 1956, at which time his resignation as editor was reluctantly accepted.

Acknowledgments are due to Drs. Julius London, Richard M. Schotland, and Charles L. Hosler who have read portions of the manuscript and offered many suggestions. Professor Werner A. Baum has frequently furnished valuable advice on editorial problems. A large amount of help in clerical work and preparation of the index has been given by Mrs. Wilhelmina Lewis, Mrs. Sadelle Wladaver, Mrs. Charlotte Rakszawski, and Mrs. Myrtle Karsten. The business and financial arrangements were handled by Mr. Kenneth C. Spengler, Executive Secretary of the Society.

This volume has been published by the American Meteorological Society through sponsorship from the Geophysics Research Directorate, Air Force Cambridge Research Center, Air Research and Development Command, a portion under Contract W28-099 ac-399, and under Contract AF19(604)-1427.

A. K. BLACKADAR

STATE COLLEGE, PENNSYLVANIA

June 1957

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