

## PREFACE TO THE SECOND EDITION

THE gratifying response to the first edition of this book has now made it possible to undertake a revision. After a good deal of discussion with my colleagues and others, I decided not to alter or extend the general plan of the work, even though some reviewers deplored the absence of certain groups of geophysical instruments, and others objected to the inclusion of such instruments as the weight barograph and the cloud microscope. For retaining these I can only offer the apology that they are interesting; also that the weight barograph is probably the most accurate of all instruments for recording atmospheric pressure.

I have, however, made good many omissions pointed out by reviewers and other friends, especially in chapters II and IV. I have tried to bring chapter X up to date as far as published work is concerned, which is as far as one may go in wartime. In chapter VI the exact theory of the float manometer, given by E. Gold, has been substituted for the approximate theory presented in the first edition.

Toronto  
May, 1943

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