

PRAKTISCHE ORKANKUNDE
mit Anweisungen zum Manövriren in Stürmen
 (PRACTICAL TREATISE ON REVOLVING STORMS
 with instructions for handling the ship in Storms)

by

CAPTAIN L. SCHUBART, OBERREGIERUNGSRAT & CHIEF OF DIVISION
 OF THE DEUTSCHE SEEWARTE.

(E. S. MITTLER & Sohn, Berlin, 1934. 27×19 cms., 143 pp. III fig. Pr.: Rm. 10).

This is one of those valuable books in the production of which German writers excel, viz. books which summarize all the information on a particular subject which is scattered in many other works.

The author is to be congratulated on the arrangement and the clarity of the information given, for, though there is nothing new in the book, it is not given to every writer to express himself as lucidly and in such simple yet amply sufficient language.

As Captain SCHUBART states in his preface, other works on this subject have appeared but it is many years since a comprehensive work on revolving storms has been published and the want of an up-to-date book summarizing modern knowledge on this subject has been felt for a long while.

The treatise opens with a chapter, entitled "General". This deals summarily with the barometer and thermometer, their graduations and corrections, the scales for wind-force and state of the sea, the determination of the true direction and force of the wind, the origin and meaning of the word "Hurricane" with a short history of the development of knowledge on Revolving Storms, the connection between Isobars and Winds and, finally, the frequency of storms in the various oceans.

The remainder of the book is divided into three parts :

Part I deals with tropical Revolving Storms ;

Part II with the handling of the ship during a Revolving Storm ; and Part III with storms outside the tropics.

Part I, section 1, gives a full description of a Revolving Storm, the movements of the air, the directions and forces of the wind, the track of the storm, its duration and its effects.

Section 2 contains descriptions of Revolving Storms in the various oceans, the areas of their formation, their tracks and their frequency.

Part II, section 1, describes the signs of an approaching storm and storms which give no warning of their approach.

Section 2 deals with the avoidance of approaching storms and the determination of their tracks, and Section 3 with the handling of ships when approaching and in depressions.

Part III, as stated above, contains information on meteorological conditions outside the tropics and the handling of ships when approaching and in depressions.

G. S. S.

OCEANOGRAPHICAL AND METEOROLOGICAL RESULTS
OF THE "SEDOV" EXPEDITION OF 1930.

by H. A. BAUER.

(Extract from *Geographical Review*, New York, April 1934, page 333).

The entire number (173 pages) of Volume I of *Transactions of the Arctic Institute* (Leningrad, 1933) is devoted to the "Scientific Results of the Arctic Expedition in the