

REMARKS ON THE ANNEXED MAPS

1 Glacier Map of Southern Norway, Scale 1 : 500 000

We are indebted for this map to Dr. Gunnar Østrem, head of the Glaciology Section of the Hydrological Division, Norwegian Water Resources and Electricity Board, P.O. Box 5091, Oslo 3 Norway. The Map is included as a location map in the first volume of the "Norwegian Glacier Atlas", which in accordance with Resolution I-12 of the International Hydrological Decade contains the detailed inventory of glaciers in Southern Norway.

Reference: G. Østrem and T. Ziegler: "Atlas over breer i Sør-Norge" (Atlas of Glaciers in Southern Norway), Norges Vassdrags- og Elektrisitetsvesen, Publication No. 20 of the Hydrological Division, 1969.

G. Østrem describes this publication as follows:

The detailed inventory comprising glaciers in Southern Norway was initiated in January and completed in December 1969. In the Atlas the glaciers are organized in relation to selected drainage basins and listed in tables comprising information about glacier location, elevation, length, area, etc. An attempt has also been made to estimate their volumes so that a rough figure for the total ice mass can be obtained.

In addition to the lists which were prepared by means of computer techniques, maps are presented of each drainage basin, showing the glacier outline and existing water gauges. Finally a description is given of the various areas together with photographs of typical glacier types within these areas. The original Norwegian text has a complete English version, all captions and legends are also printed in English. The table heads are entirely in English.

In 1973 the glacier inventory for the whole of Scandinavia was completed by the issue of a second volume which contains two further general maps to a scale of 1 : 500 000. Reference: Norges Vassdrags- og Elektrisitetsvesen and Stockholm University, G. Østrem, N. Haaken sen., O. Melander, "Atlas over breer i Nord-Scandinavia" (Atlas of Glaciers in North Scandinavia), Publication No. 22 of the Hydrological Division, Publication No. 46 of the Naturgeografiska Institutionen, 1973.

2 Map of the Mattmark Glaciers, Scale 1 : 10 000

This map was used for obtaining the data given in Table 9.3.5. Particulars of surface and volume changes of the Mattmark Glaciers have previously been published in:

D. Lütschg Ueber Niederschlag und Abfluss im Hochgebirge, Sonderdarstellung des Mattmarkgebietes, Schweiz. Wasserwirtschaftsverband, Zurich 1926