

ÅLFOTBREEN, NORWAY 1:10,000

(Aerial Photogrammetric Map)

Norwegian Water Resources and Energy Administration (NVE)

The Glaciology Section within the Norwegian Water Resources and Energy Administration (NVE) started mass balance studies on a series of glaciers in the early 1960s. The glaciers were selected along an east-west profile from the most continental glacier Gråsubreen in the Jotunheimen area, south-central Norway, to the most maritime glacier Ålfotbreen near the Atlantic coast. Some of the selected glaciers provide meltwater to hydro-electric power stations in this part of Norway.

For use in the field work, detailed glacier maps were produced. The first one showing Ålfotbreen was published in 1969, based upon aerial photographs taken in August 1968. That map has been used for plotting field data etc., every year since.

In 1988 the availability of an excellent air photography made it possible to produce a new glacier map of Ålfotbreen. This map is printed in four colours, and a great deal of glaciological information is given on the back of the map.