

## **Ice temperatures, Storglaciären**

It has been generally known for a number of years that the Swedish glaciers are not isothermal at the end of the summer. In 1965 thermal drilling was used on Storglaciären for drilling ablation stakes down to great depths. In one hole four thermistors were put down to 5.0, 10.0, 20.0 and 30.0 m below the ice surface on 16 April 1965 (snow depth 95 cm) at stake 8, 1,350 m a.s.l.

The thermistors were read with a satisfactory instrument only on 20 May and 15 November and the results are shown in Fig. 8. Since it is 6 months between the two sets of observations the average at each depth agrees very closely with the average annual temperature at the depth concerned.