

**MASS BALANCE MEASUREMENTS OF THE SUB-ANTARCTIC BROWN GLACIER,  
HEARD ISLAND**

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Heard Island is a subantarctic island located at 53° 06' S 73° 30' E in the southern Indian Ocean. There are 29 glacierised basins on Heard Island, which cover 70% of this 367 km<sup>2</sup> island. Since 1947 there has been significant retreat of the glaciers especially on the north east coast. Very little is known of the mass balance of these glaciers, particularly the accumulation. We completed a program of core and crevasse sampling to determine the net balance from stratigraphic data and glaciochemical analysis. The results of which along with other field data are presented here.