



Gravity change and vertical motion in Dronning Maud Land: implications for models of Glacial Isostatic Adjustment

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The Finnish Geodetic Institute maintains time series of absolute gravity (AG) and GPS positions in Dronning Maud Land, Antarctica. The AG time series at the Finnish station Aboa was started in 1994; shorter AG series were collected by us at Novolazarevskaya and Sanae IV. Aboa has continuous GPS since 2003; at Sanae IV we rely on the IGS station VESL. We discuss the results achieved so far and their implications for competing models of Glacial Isostatic Adjustment in Dronning Maud Land.