Geophysical Research Abstracts, Vol. 9, 03633, 2007

SRef-ID: 1607-7962/gra/EGU2007-A-03633

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Seasonal gravity variations observed by an absolute gravimeter - preliminary results

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A one year long time series of absolute gravimetry is presented. During the observation period, the gravity shows significant variation. The gravity observations are compared to other observables from the same area, i.e. time series from GRACE, GPS and local water level. This analysis suggests possible relations and addresses challenges connected to combining observations from different sensors.