

Interactive comment on “Geothermal heat flux and basal melt rate in the DomeC region inferred from radar reflectivity and thermal modelling” by Olivier Passalacqua et al.

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Might be good to compare the results of this interesting analysis with the work I did with Julian Dowdeswell in 1996:

Siegert, M.J. & Dowdeswell, J.A. Spatial variations in heat at the base of the Antarctic Ice Sheet from analysis of the thermal regime above sub-glacial lakes. *Journal of Glaciology*, 42, 501-509. (1996).

See attached.

The values are quite similar I think.

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Discussion paper



Martin

Please also note the supplement to this comment:

<http://www.the-cryosphere-discuss.net/tc-2017-23/tc-2017-23-SC1-supplement.pdf>

Interactive comment on The Cryosphere Discuss., doi:10.5194/tc-2017-23, 2017.

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