

Interactive comment on “Active layer thermal monitoring at Fildes Peninsula, King George Island, Maritime Antarctica” by R. F. M. Michel et al.

Anonymous Referee #3

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In “Conclusions” authors write: “The calculated ATD apparent thermal diffusivity suggests strong influence of water content and SNOWPACK to the soil thermal regime. In fact, the water content influence is discussed in the paper, but the influence of SNOWPACK – is not discussed. There is no information on existence and parameters of snowpack in the site (periods, thickness, seasonal variability). It looks as a small omission, because snowpack may play a role as in thermal regime at the site surface and in regulating of water content in the site.

Please also note the supplement to this comment:

<http://www.solid-earth-discuss.net/6/C874/2014/sed-6-C874-2014-supplement.zip>

C874

Interactive comment on Solid Earth Discuss., 6, 1423, 2014.