

## ***Interactive comment on “Measured and modelled sublimation on the tropical Glaciar Artesonraju, Perú” by M. Winkler et al.***

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### General Comments

The paper presents a valuable contribution to the modelling and measuring of sublimation on tropical glaciers. As measurements are rare in these environments - and even in more accessible ones! - the results are of high interest. The extension of short-time measurements to longer time periods by means of a model enhances the importance of the study. The overall impact of the contribution could be even higher, however, when some results would be provided additionally in table form, not only in the Figures.

Specific comments:

p.742, ln.22: Can you comment on the possibility of meltwater flowing into the pots?

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p.744, In. 6: Can you explain what is the 'window heating offset'? Do you refer to the operating principle of the recording device?

p.749, In. 4-6: You mention 'extensive meltwater ponding...'; this corresponds to my first comment about meltwater flow.

Technical comments:

p.740, In. 20: Kilimanjaro, not Kilimajaro

p.740, In. 21: Please insert 'ITGG' on this or the next line as the name of the model.

p.744, In. 24: 30-min, not 30-miN and ...were defined, not ...where defined

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Interactive comment on The Cryosphere Discuss., 2, 737, 2008.

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