

***Interactive comment on* “The spatial variability of snow water equivalent” by T. Skaugen**

T. Skaugen

Received and published: 2 August 2007

Referee #2. The scale of the methodology and study is mentioned (perhaps indirectly) at p.1468, l. 15. This will be emphasised in the revised paper.

I agree that the title could be less general, and will do this in the revised paper.

The referee suggests, and the author agrees, a more stringent terminology in the paper. In the paper, “melt” is referred to as the melt water in mm disappearing from the snow pack, which is, as the referee suspects equivalent to the number of melting events. A more stringent use of melt and pre-melt SWE will be used in the revised paper. Likewise will positive and negative correlation be clearly defined.

The effects of using of positive and negative correlation between melt and pre melt SWE are illustrated by figures 5 and 8

The Figure 9 not referred to in the original manuscript is correctly referred to in the

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 4, 1465, 2007.

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