

## ***Interactive comment on “Changes in the firn structure of the Greenland Ice Sheet caused by recent warming” by S. de la Peña et al.***

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13. P. 547, Line 7: QuikScat data cannot be used to measure melt rate, only the presence or absence of melting. Please revise

QuikSCAT CAN be used to measure 'melt intensity' see

Hicks, B. R., and D. G. Long (2011), Inferring Greenland melt and refreeze severity from SeaWinds scatterometer data, *International Journal of Remote Sensing*, 32(23), 8053-8080.

However, the paper you cite in the article (Fettweis et al., 2011) uses passive microwave data from SMMR-SSM/I - not QuikSCAT.

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Interactive comment on The Cryosphere Discuss., 9, 541, 2015.

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