

***Interactive comment on “A global analysis of satellite derived and DGVM surface soil moisture products” by K. T. Rebel et al.***

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Received and published: 27 July 2011

I would like to discuss about the preprocessing of microwave data, why is 5 day moving average to the satellite-based data applied? In application, moving average seems to blur the contrast before and after rainfall events. In addition, the time series of AMSR-E data are not continuous (with few days missing), and in some software, moving average are not recommended for series with missing data. It seems other smooth method, like 'loess' can more accurate approximate the curve, why isn't that being used?

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 8, 4281, 2011.