

Interactive comment on “Dependence of cloud fraction and cloud top height on surface temperature derived from spectrally resolved UV/vis satellite observations” by T. Wagner et al.

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The authors argue that climate models should aim to reproduce their results. However, climate models work with "true" cloud parameters and not with the effective ones. It could be of advantage if authors show how their effective cloud parameters correlate with "true" cloud fractions and cloud top heights. The word "effective" is missing in the title. Authors state that the errors in the cloud fraction are below 5%. The paper will be improved if the procedure to assess errors is outlined.

Interactive comment on Atmos. Chem. Phys. Discuss., 7, 17117, 2007.

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Discussion Paper