

## Correction to “Atmospheric dynamics of Earth-like tidally locked aquaplanets”

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[1] In the paper “Atmospheric dynamics of Earth-like tidally locked aquaplanets” by Timothy M. Merlis and Tapio Schneider (*Journal of Advances in Modeling Earth Systems*, 2, 13, doi:10.3894/JAMES.2010.2.13, 2010), the shortwave optical depth  $\tau_s=0.22$  is missing from the expression (2.2) for the solar radiative flux. The second paragraph of section 2.1 should read:

[2] Absorption of solar radiation in the atmosphere is represented by attenuation of the downward flux of radiation with an optical depth that varies quadratically with pressure, so that

$$S(p) = S_{\text{TOA}} \exp \left[ -\tau_s \left( \frac{p}{p_0} \right)^2 \right], \quad (2.2)$$

with  $p_0=10^5$  Pa and  $\tau_s=0.22$ .

[3] The general circulation model code that we have publicly distributed (<http://www.gps.caltech.edu/~tapio/gcms/index.html>) uses  $\tau_s=0.22$  by default and will reproduce the simulation results presented in the paper.