Atmos. Chem. Phys. Discuss., 15, C1353–C1354, 2015 www.atmos-chem-phys-discuss.net/15/C1353/2015/

© Author(s) 2015. This work is distributed under the Creative Commons Attribute 3.0 License.



## **ACPD**

15, C1353-C1354, 2015

Interactive Comment

## Interactive comment on "An investigation of how radiation may cause accelerated rates of tropical cyclogenesis and diurnal cycles of convective activity" by M. E. Nicholls

## M. Nicholls

melville.nicholls@colorado.edu

Received and published: 6 April 2015

Thank you for pointing out that the descriptions of Bu et al. (2014) need to be modified to make it clear that they focused on the cloud radiative forcing part, and that they did not look into the role of clear-sky radiation. Agreed that there is not a contradiction between the findings from the idealized experiments in the paper and the conclusion from Bu et al.'s work. Also, thank you for catching some minor errors. Eq. 1 occurs much earlier in the paper on page 6138, and perhaps it could be stated that it is in the introduction.

Full Screen / Esc

**Printer-friendly Version** 

Interactive Discussion

Discussion Paper



Interactive comment on Atmos. Chem. Phys. Discuss., 15, 6125, 2015.

## **ACPD**

15, C1353-C1354, 2015

Interactive Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper

