

Interactive comment on “Analysis of the latitudinal variability of tropospheric ozone in the Arctic using the large number of aircraft and ozonesonde observations in early summer 2008” by Gerard Ancellet et al.

Anonymous Referee #1

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The paper meets the AMT criteria and can be published after minor revision and technical corrections. An important feature of this paper is that it is not clear if only nighttime tropospheric O₃ measurements are performed. The authors have to clarify this everywhere needed in the manuscript (i.e. in Fig. 17, it is not mentioned; and also in all Figs., this should be mentioned).

The annotated paper is attached to this report.

Please also note the supplement to this comment:

C1

<http://www.atmos-chem-phys-discuss.net/acp-2016-422/acp-2016-422-RC1-supplement.pdf>

Interactive comment on Atmos. Chem. Phys. Discuss., doi:10.5194/acp-2016-422, 2016.

C2