

Interactive comment on “Effects of total solar eclipse of 29 March 2006 on surface radiation” by S. Kazadzis et al.

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as has already been said I think that the paper needs to be rewritten to be more clear, the physics behind the measurements needs to be explained in more details to make the paper more understandable.

In line 15 p. 9236 it should said black body instead of back body.

Global irradiance, direct irradiance and actinic flux needs to be explained the first time they appear in the text.

In p. 9237, it is said that other instruments shown a different sing in the total ozone changes, any explanatinos for that.

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In p. 9239 NILU-UV it is not defined.

In p. 9240 it is not clear if the decrease in the total ozone is a real decrease or just that the measurements are affected in a manner which would suggest a reduction.

In p. 9241 line 10, the change in ozone seems to large from day to day. Is this stratospheric or tropospheric ozone that is changing?

Captions in figure 1 should say Pink instead of top, blue instead of bottom and it should be mentioned that the correction is in grey.

Interactive comment on Atmos. Chem. Phys. Discuss., 7, 9235, 2007.

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