

Interactive comment on “Temperature dependence of the Brewer global UV measurements” by Ilias Fountoulakis et al.

Anonymous Referee #3

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This paper describes work which is part of a larger collaboration to characterise and standardise operation, data processing and calibrations of, the Brewer Ozone Spectrophotometer, under the umbrella of COST Action ES1207. It is well written and illustrates clearly the problems with UV absolute calibration and makes a very good effort to provide a solution to significantly reduce the uncertainties which arise due to temperature dependence of the measurements.

It is also significant in that a Brewer network already exists which could provide a harmonised spectral UV network given sufficient study and rectification of the problems. In my opinion this paper provides a good starting point and should be published. However, I would hope that further studies will follow particularly with regard to long term stability in different climates and with different Brewer instruments.

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Discussion paper



Interactive comment on Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2017-171, 2017.

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