

Interactive comment on “Dobson, Brewer, ERA-40 and ERA-Interim original and assimilated total ozone data sets – evaluation of differences: a case study, Hradec Králové (Czech), 1961–2010” by K. Vaníček et al.

Anonymous Referee #2

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The paper addresses the construction of a 50 year time series of total ozone observations. using a transfer function to homogenise observations made with both a Dobson and a Brewer spectrophotometer. It is worthy of publication since the authors also address some of the difficulties and caveats when constructing long term data sets, especially when there have been instrument changes.

The paper is well presented, however I would recommend the following technical corrections: P450 LL 19&20 and P454 LL24 change 60-ties and 70-ties to 60s and 70s.

C103

Interactive comment on Earth Syst. Sci. Data Discuss., 5, 445, 2012.