

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.

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The authors accept the major number of suggestions and reflect the comments as follows. The use of the word “assimilation” will be changed for “merged” in the title and in the whole manuscript including replacement of the abbreviation “ASSIM” by “MERG” To keep the continuity of abbreviations and subscripts used in the closely related papers (Vanicek., 2006) and (Scarnato et al., 2010)the general abbreviation X for total ozone and subscripts used for particular data sets will be kept as they are except of the XASIM that will be replaced by XMERG. A proper announcement will

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be given to avoid confusion with the Dobson total ozone of the D-wavelength pair. A list of the key abbreviations will be also included in the revised manuscript. Though the method of treatment the Dobson Zenith Sky observations is mentioned in the page 454(lines 10-12) more details will be added. All technical remarks have been accepted as suggested by the reviewer except the replacement of the “topical” by “typical” (last 2 remarks) as the authors consider this word being proper.

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

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