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Atmospheric Measurement Techniques Discussions

Interactive comment on "OMI total column ozone: extending the long term data record" *by* R. D. McPeters et al.

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p7492 - introduction has been expanded a bit to emphasize the need for continued ozone monitoring

p7493 L20 - reference added

p7494 L21 - rephrased to note that the comparisons shown in this paper show that the row anomaly has little effect

p7495 L2 - significant discussion here would not be appropriate but adding the references which do contain more detail is a good idea. References added.

p7495 L4 - data on the source of the Brewer / Dobson data is in the Labow reference

p7495 L8 - the linear fit is now included in Figure 2 and the actual calculated drift is noted.

p7495 L9-14 - the effect of the new BMD ozone cross sections on Brewer and Dobson retrievals was evaluated by the relevant experts in the cross section evaluation group and they noted that there is almost no change when the change is made. But OMI uses very different wavelengths and there is a significant change. I have revised the paragraph so hopefully this point will be clear.

p7498 L12 - the newer reference has been added

p.7498, l.14: I no longer have that exact web site information

p 7499-7500 - Only L3 data have been used in this analysis and the source of that data is noted in the Data Availability section. Only the Dobson intercomparison in Fig. 2 uses the best match FOV from L2.

Interactive comment on Atmos. Meas. Tech. Discuss., 8, 7491, 2015.