**Atmospheric
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the annual periodicity in the SHADOZ ozone anomaly record.

Since the paper was submitted Randel et al. [2007] was published which focuses exclusively on the BDC region, between 16-19km as seen mainly by tropical ozonesondes. The paper uses the SHADOZ tropical database to demonstrate the role of vertical upwelling on the annual variations of the ozone, CO and temperature fields. Our study is complementary, extending beyond the annual variations to include the connection between the QBO and BDC. We also calculate the meridional length scale of the BDC that, as far as we know, is a first time in-situ calculation. The paper has since been published:

Randel, W. J., Park, M., Wu, F., and Livesey, N.: A large annual cycle in ozone above the tropical tropopause linked to the Brewer-Dobson circulation, J. Atmos. Sci., doi:10.1175/2007JAS2409.1, 4479-4488, 2007.

Interactive comment on Atmos. Chem. Phys. Discuss., 8, 6355, 2008.

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Discussion Paper