Supplement of Atmos. Chem. Phys., 18, 7557–7572, 2018
https://doi.org/10.5194/acp-18-7557-2018-supplement

Atmospheric Chemistry and Physics
Open Access
EGU

Supplement of

Multiple symptoms of total ozone recovery inside the Antarctic vortex during austral spring

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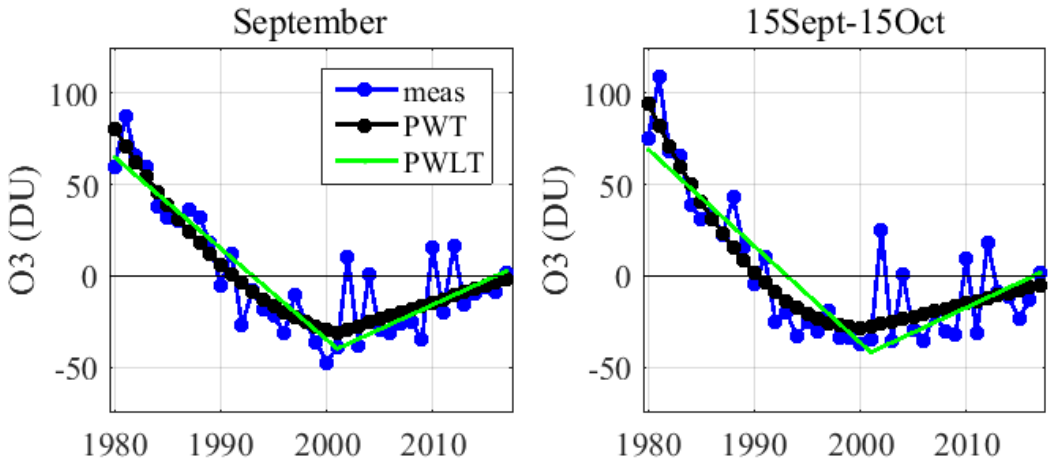

Figure S1: Deseasonalised average ozone inside the vortex of MSR-2 series for September (left panel) and 15Sept-15Oct period (right panel) using 400 K-600 K classification range. Regressed trends obtained by MLR analysis using PWT and PWLT as proxies are also shown.

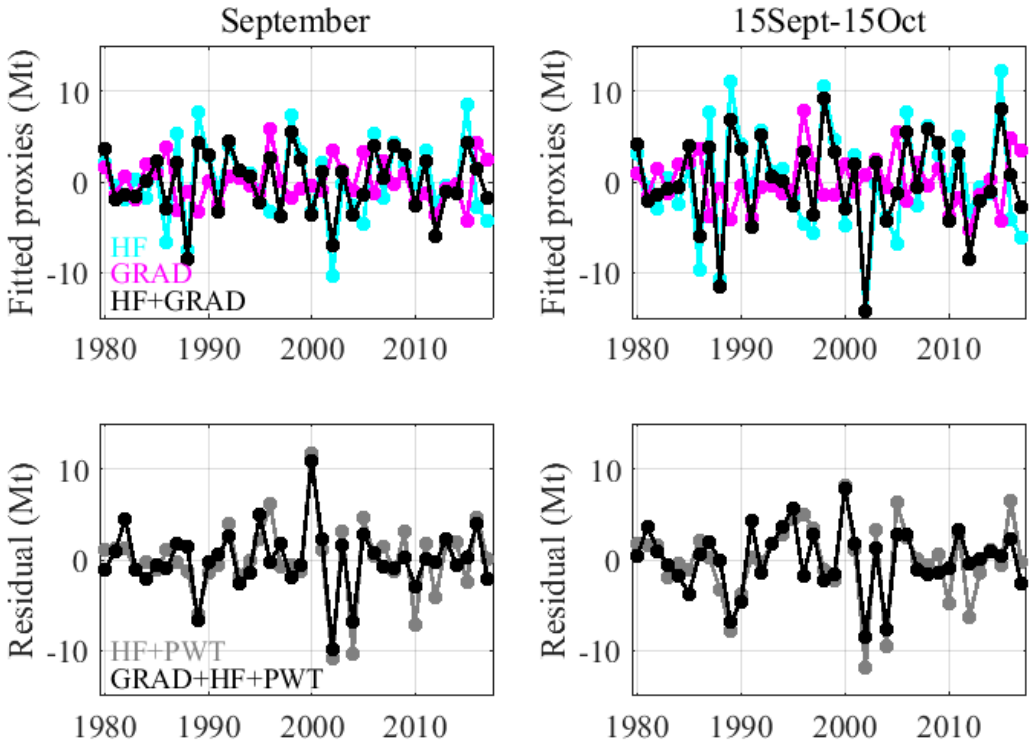

Figure S2: Fitted Heat Flux - HF, gradient - GRAD and the combination of both HF+GRAD proxies for September and 15Sept-15Oct periods (top panels) using MLR analysis on OMD. Corresponding residuals (in Mt) with and without contribution of GRAD proxy are shown in bottom panels.

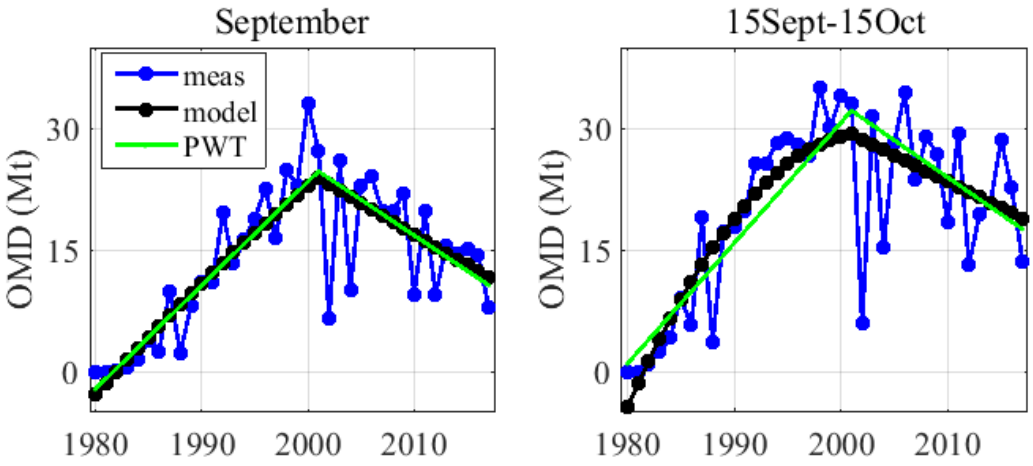

Figure S3: Deseasonalised mean OMD of MSR-2 series for September (left panel) and 15Sept-15Oct period (right panel). Regressed trends obtained by MLR analysis using PWT and PWLT as proxies are also shown.