

Interactive comment on “Role of oceanic ozone deposition in explaining short-term variability of Arctic surface ozone” by Johannes G. M. Barten et al.

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Hello, I just wanted to let you know about my recent paper on long-term ozone trends across the globe. We looked at trends at 6 Arctic sites with data through the year 2017 or 2018 (Barrow, Alert, Denali, Zeppelin, Esrange Tustavartn). We report trends for the full records and since the year 2000. Table 2 in the main text and Figure S-3 in the Supplement contain the numbers with most relevance to your study. Also, Appendix S-B in the Supplement has trend plots for the individual sites. I hope you find these results useful when you mention long-term trends in the Introduction. Best regards
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Cooper, O. R., M. G. Schultz, S. Schröder, K.-L. Chang, A. Gaudel, G. Carbajal Benítez, E. Cuevas, M. Fröhlich, I. E. Galbally, D. Kubistin, X. Lu, A. McClure-Begley, S. Molloy, P. Nédélec, J. O'Brien, S. J. Oltmans, I. Petropavlovskikh, L. Ries, I. Senik, K. Sjöberg, S. Solberg, T. G. Spain, W. Spangl, M. Steinbacher, D. Tarasick, V. Thouret, X. Xu (2020), Multi-decadal surface ozone trends at globally distributed remote locations, *Elem Sci Anth*, 8(1), p.23. DOI: <http://doi.org/10.1525/elementa.420>

Here is the direct link to the Supplementary pdf, which should download to your browser automatically:

https://ucp.silverchair-cdn.com/ucp/content_public/journal/elementa/8/10.1525_elementa.428-420-s1.pdf?Expires=1608953982&Signature=Rfhdf46X0AFFhhi~LiqRRzoeocTj0dIVmTVjVln8VRDbgBKgTP8HrFJYkJ59UO2AwA00DaqNn4W2VxgPXHMQq9UmAr6bMzEjf09nhcc'hUAOjFNjGeSLtzRXwu1GIYGXT6PULS1bc2w__&Key-Pair-Id=APKAIE5G5CRDK6RD3PGA

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