

Correction to “Stratospheric CO₂ isotopic anomalies and SF₆ and CFC tracer concentrations in the Arctic polar vortex”

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INDEX TERMS: 0341 Atmospheric Composition and Structure: Middle atmosphere—constituent transport and chemistry (3334); 1040 Geochemistry: Isotopic composition/chemistry; 3334 Meteorology and Atmospheric Dynamics: Middle atmosphere dynamics (0341, 0342); 3362 Meteorology and Atmospheric Dynamics: Stratosphere/troposphere interactions

References

Alexander, B., M. K. Vollmer, T. Jackson, R. F. Weiss, and M. H. Thiemens, Stratospheric CO₂ isotopic anomalies and SF₆ and CFC tracer concentrations in the Arctic polar vortex, *Geophys. Res. Lett.*, 28, 4103–4106, 2001.

[1] An incorrect version of Figure 2 in “Stratospheric CO₂ isotopic anomalies and SF₆ and CFC tracer concentrations in the Arctic polar vortex” [Alexander *et al.*, 2001] was mistakenly sent to *Geophysical Research Letters* for publication. In Figure 2 of the published paper, the upper x-axis labels were plotted erroneously. The figure (Figure 1) below shows the correct labels of the approximate mean SF₆ ages versus $\Delta^{17}\text{O}$ (diamonds) and $\delta^{18}\text{O}$ (circles).

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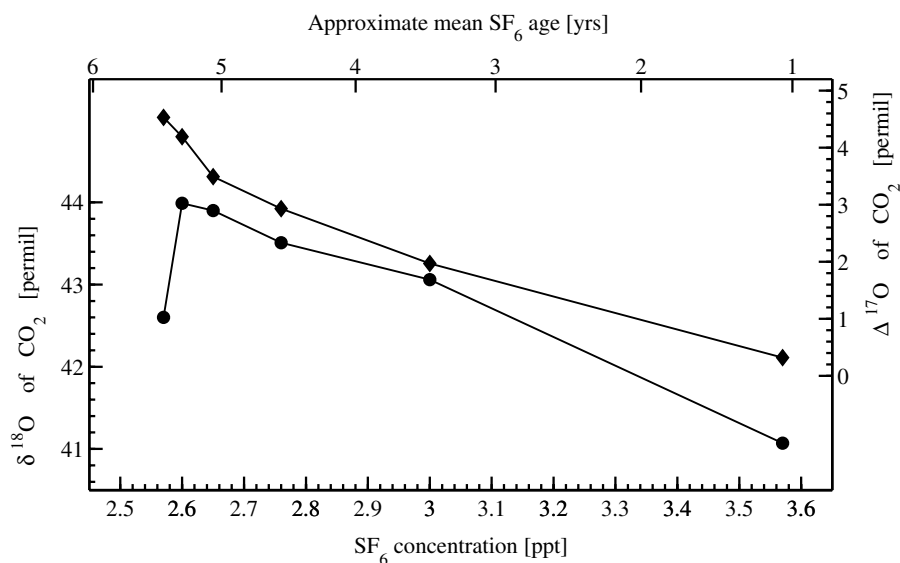


Figure 1. Comparison of the correlation between the stratospheric CO₂ isotopes ($\delta^{18}\text{O}$ and $\Delta^{17}\text{O}$) and SF₆ concentrations. Isotopes are given in permil (‰) for $\Delta^{17}\text{O}$ (diamonds) and $\delta^{18}\text{O}$ (circles). SF₆ concentrations are given in parts per trillion with an error of less than 0.03ppt. The error for both $\Delta^{17}\text{O}$ and $\delta^{18}\text{O}$ is less than 0.1‰ SMOW.

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