

***Interactive comment on “Effects of temperature and other atmospheric conditions on long-term gaseous mercury observations in the Arctic” by A. S. Cole and A. Steffen***

**A. S. Cole and A. Steffen**

amanda.cole@ec.gc.ca

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Reply to Anonymous Referee #4

"This article is very interesting and well written. I found the introduction section to be thorough, with many references to other relevant studies. The method for statistical analyses is sound. Conclusions were appropriate as well. I would like to see more with respect to comparing results found with this analysis of the data (1995-2007) from the previous study that just used data from 1995-2005."

– Thank you for your comments. We have added additional information to Section 3.1 comparing these results to those of Temme et al. (2007) and Steffen et al. (2005).

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