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## *Interactive comment on* "The 16-day wave in the Arctic and Antarctic mesosphere and lower thermosphere" *by* K. A. Day and N. J. Mitchell

## Anonymous Referee #1

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This paper was well conceived and well written.

A quick question: given that several origin theories for the 16-day waves involve propagation from below, I was wondering if you had looked into polar vortex variability as a potential modulator (given your polar data)?

Interactive comment on Atmos. Chem. Phys. Discuss., 9, 25213, 2009.

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