

***Interactive comment on “An assessment of the performance of the Monitor for AeRosols and GAses in ambient air (MARGA): a semi-continuous method for soluble compounds” by I. C. Rumsey et al.***

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In summer 2012 we completed measurements with a MARGA system in conjunction with a measurement of N<sub>2</sub>O<sub>5</sub> and found that it was very likely the MARGA HNO<sub>3</sub> measurement is sensitive to N<sub>2</sub>O<sub>5</sub>, probably via hydrolysis of N<sub>2</sub>O<sub>5</sub> in the WAD. This was published in AMT at the beginning of the year. A discussion of the artifact should probably be included in this instrument validation paper.

Phillips, G. J., Makkonen, U., Schuster, G., Sobanski, N., Hakola, H., and Crowley, J.  
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N.: The detection of nocturnal N<sub>2</sub>O<sub>5</sub> as HNO<sub>3</sub> by alkali- and aqueous-denuder techniques, Atmos. Meas. Tech., 6, 231–237, doi:10.5194/amt-6-231-2013, 2013.

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Interactive comment on Atmos. Chem. Phys. Discuss., 13, 25067, 2013.