

Interactive comment on “Measurements of HONO during BAQS-Met” by J. J. B. Wentzell et al.

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The authors may wish to refer to the recently reinforced importance of biomass burning as a source of HONO. This was first noted by Keene et al (2006) using MC-IC and then more quantitatively using infrared spectroscopy by Yokelson et al (2007, 2009). Very recently, HONO has been confirmed as a significant product in biomass burning with a very high degree of correlation between FTIR and Negative-ion Proton-Transfer Chemical-Ionization Mass Spectrometry (NI-PT-CIMS) measurements (Roberts et al, 2010, Burling et al, 2010)

William C. Keene, et al. “Emissions of major gaseous and particulate species during experimental burns of southern African biomass,” *Journal of Geophysical Research*, Vol. 111, D04301.

R. J. Yokelson, et al. “The Tropical Forest and Fire Emissions Experiment: overview

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R.J. Yokelson, et al. “Emissions from biomass burning in the Yucatan,” Atmos. Chem. Phys., 9, 5785–5812, 2009

J.M. Roberts et al. “Measurement of HONO, HNCO, and other inorganic acids by negative-ion proton-transfer chemical-ionization mass spectrometry (NI-PT-CIMS): application to biomass burning emissions” Atmos. Meas. Tech. Discuss., 3, 301–331, 2010

I.R. Burling, et al. “Laboratory measurements of trace gas emissions from biomass burning of fuel types from the Southeastern and Southwestern United States” Atmos. Chem. Phys. Discuss., 10, 16425–16473, 2010.

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