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Interactive comment on "Water content of aged aerosol" *by* G. J. Engelhart et al.

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As an addendum to my previous comment, a paper was just published that reports a value for RIE_H2O = 2.

A.A.Mensah, A.Buchholz, Th.F.Mentel, R.Tillmann and A. Kiendler-Scharr, Aerosol mass spectrometric measurements of stable crystal hydrates of oxalate and inferred relative ionization efficiency of water, J. Aerosol Science, doi:10.1016/j.jaerosci.2010.10.003. http://dx.doi.org/10.1016/j.jaerosci.2010.10.003

As for RIE_NH4, I would be surprised if RIE_H2O was constant across instruments and operating conditions, but perhaps that can be investigated by applying the methodology of this paper for other instruments.

Interactive comment on Atmos. Chem. Phys. Discuss., 10, 21653, 2010.