

## ***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  $RIE_{H_2O} = 2$ .

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  $RIE_{NH_4}$ , I would be surprised if  $RIE_{H_2O}$  was constant across instruments and operating conditions, but perhaps that can be investigated by applying the methodology of this paper for other instruments.

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