

## Supplements

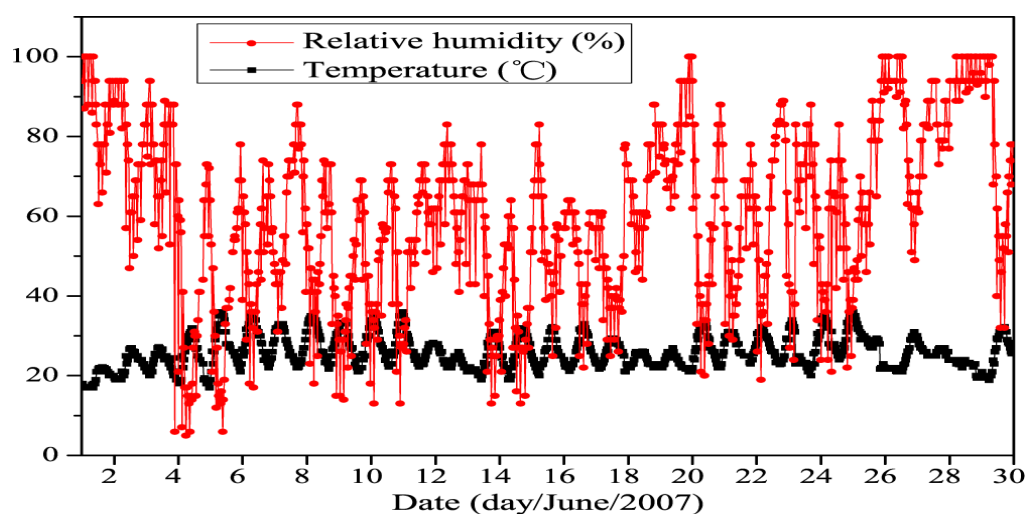


Figure S1 Variation of relative humidity (RH) and temperature for June 2007. Data points represent hourly means. RH frequently reached maximum values of 80-100% during the nighttime and morning and minimum values of 10-80% during noontime at each day. All the data was obtained from <http://www.wunderground.com>.

Table S1 Literature values for the deliquescence and efflorescence relative humidity (RH) of various aerosol particles.

Particle type	Deliquescence RH	Efflorescence RH	Ref
$K_2SO_4$	96%	60%	Freny et al., [2009]
$KNO_3$	93%	No data	Freny et al., [2009]
$(NH_4)_2SO_4$	79%	35%	Cziczo et al., [1997]
Soot	-	-	
Organics	No data	No data	