



*Supplement of*

**Examination of aerosol impacts on convective clouds and precipitation in two metropolitan areas in East Asia; how varying depths of convective clouds between the areas diversify those aerosol effects?**

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# Cumulative frequency distribution of the precipitation rates

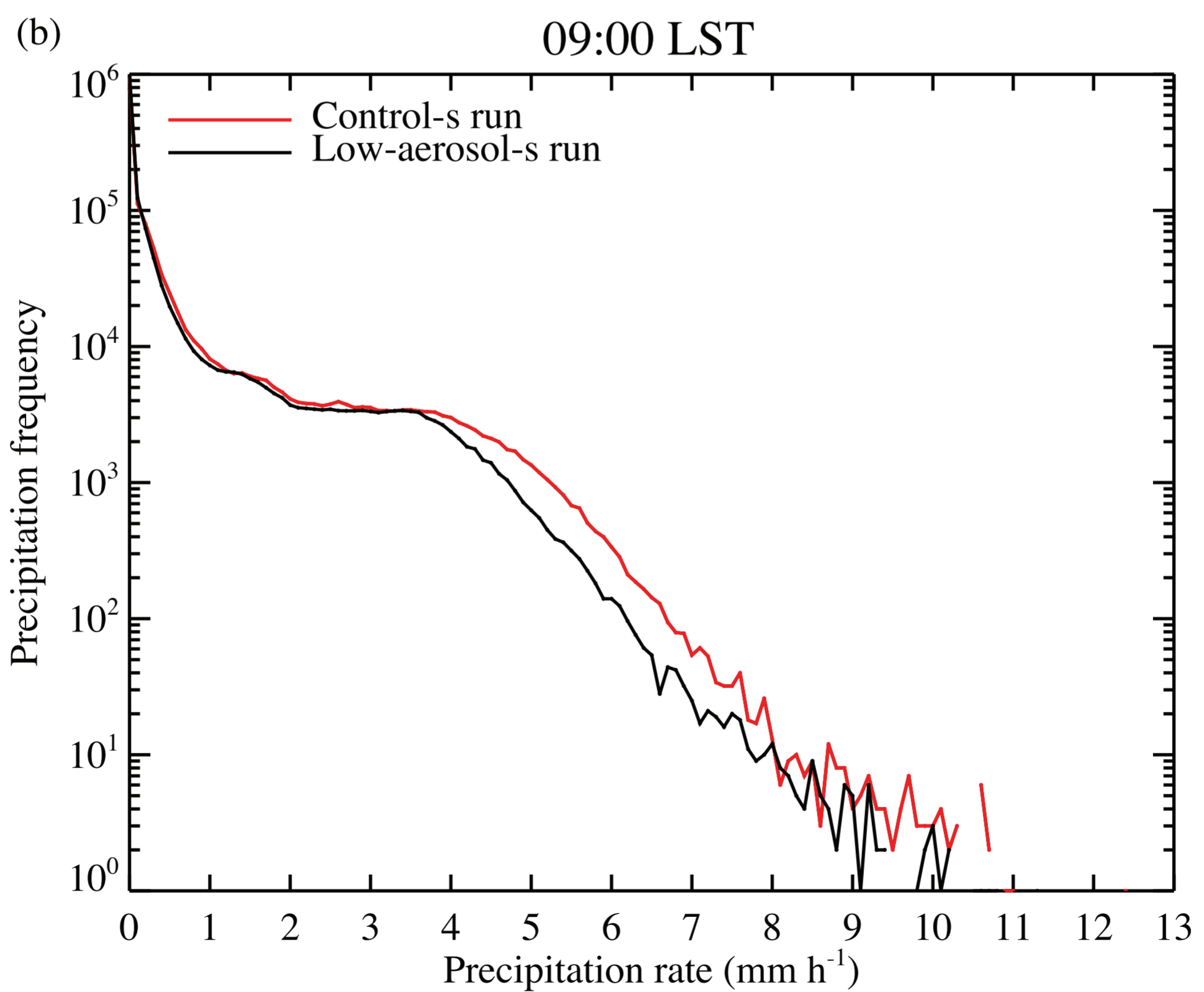
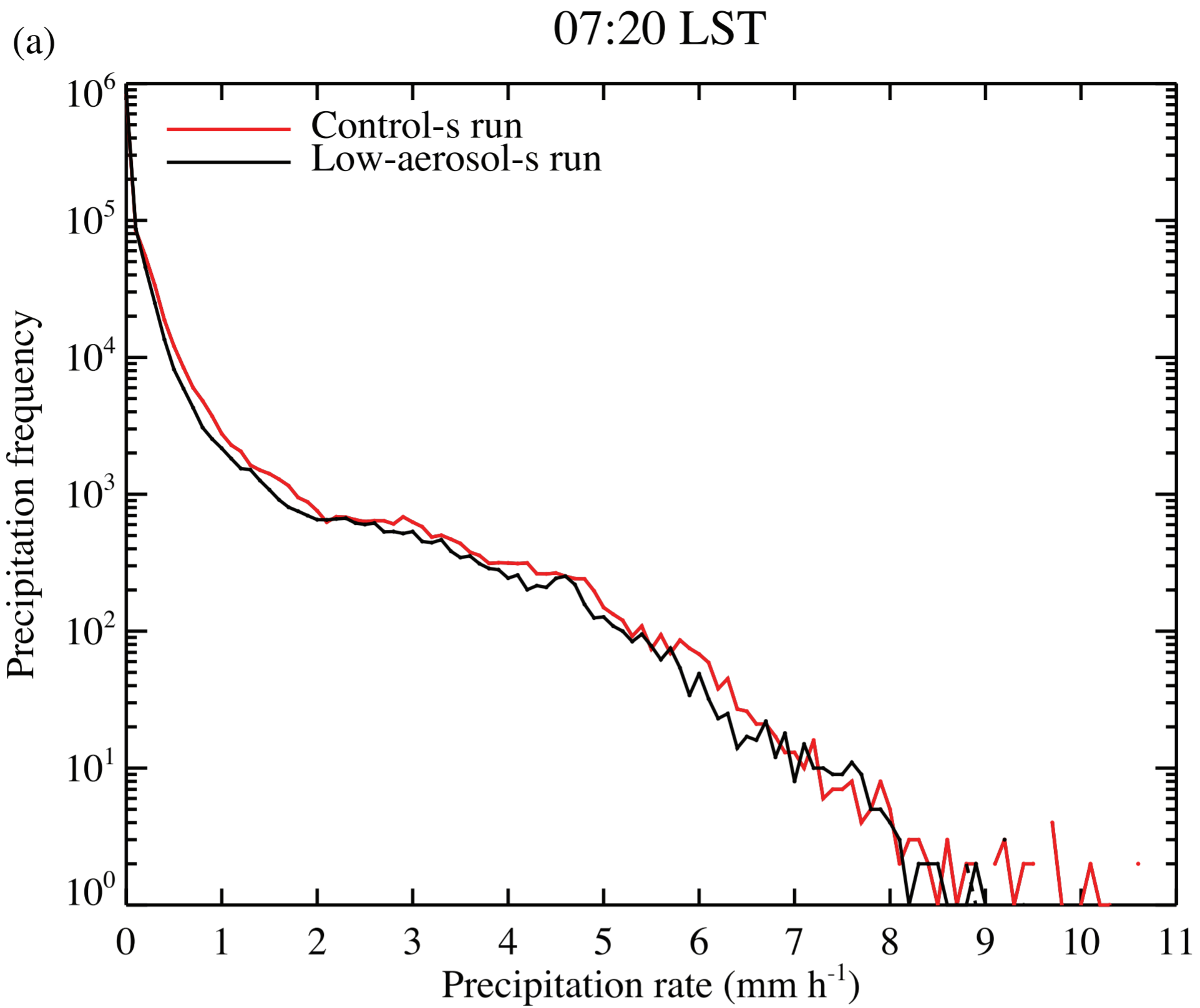


Figure S1. Cumulative frequency distributions of the precipitation rates at the surface in the control-s and low-aerosol-s runs for the Seoul case at (a) 07:20 and (b) 09:00 LST.