Supplement of

Analysis of sulfate aerosols over Austria: a case study

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Figure S1. Map of EARLINET lidar stations. The lidar stations used in this study are represented as: Leipzig (green circle), Munich (magenta triangle), Garmisch (blue rhombus), Bucharest (black square). The in situ station Pillersdorf (red star) is also shown on the map.
Figure S2. Meteorological map for 31 March 2014. Source: www.wetterzentrale.de
Figure S3. Meteorological map for 01 April 2014. Source: www.wetterzentrale.de
Figure S4. Meteorological map for 02 April 2014. Source: www.wetterzentrale.de
Figure S5. GIOVANNI time averaged map of sulphate column mass density for March 2014 (a) and April 2014 (b).

Time averaged maps of sulfate column mass density, monthly, are available from EarthData NASA GIOVANNI online data system (NASA, 2018). For short-time events, they can be used only for a qualitative interpretation, being monthly averaged. The map of sulfate column mass density for March 2014, Fig. S5 (a), shows an increased density over South–Eastern and Eastern US and a reduced density over Central Europe. For April 2014, shown in Fig. S5 (b), the density increases over Central Europe.

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References