Supplemental Information for

Source attribution of light-absorbing aerosol in seasonal snow across northern China

by

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This SI is 3 pages long, including the cover page, and contains four figures.
Figure S1. Back trajectory analysis for region 1 discussed in the text. A 7 cluster analysis back trajectory was done on each of the regions with mean trajectories shown for each cluster that encompassed 10% or more of the back trajectories.
Figure S2. Back trajectory analysis for region 2 discussed in the text. A 7 cluster analysis back trajectory was done on each of the regions with mean trajectories shown for each cluster that encompassed 10% or more of the back trajectories.

Figure S3. Back trajectory analysis for region 3 discussed in the text. A 7 cluster
analysis back trajectory was done on each of the regions with mean trajectories shown for each cluster that encompassed 10% or more of the back trajectories.

Figure S4. Back trajectory analysis for region 6 discussed in the text. A 7 cluster analysis back trajectory was done on each of the regions with mean trajectories shown for each cluster that encompassed 10% or more of the back trajectories.