Supplementary Materials: Morphology, Composition, and Mixing State of Individual Aerosol Particles in Northeast China during Wintertime

Liang Xu, Lei Liu, Jian Zhang, YinXiao Zhang, Yong Ren, Xin Wang and Weijun Li
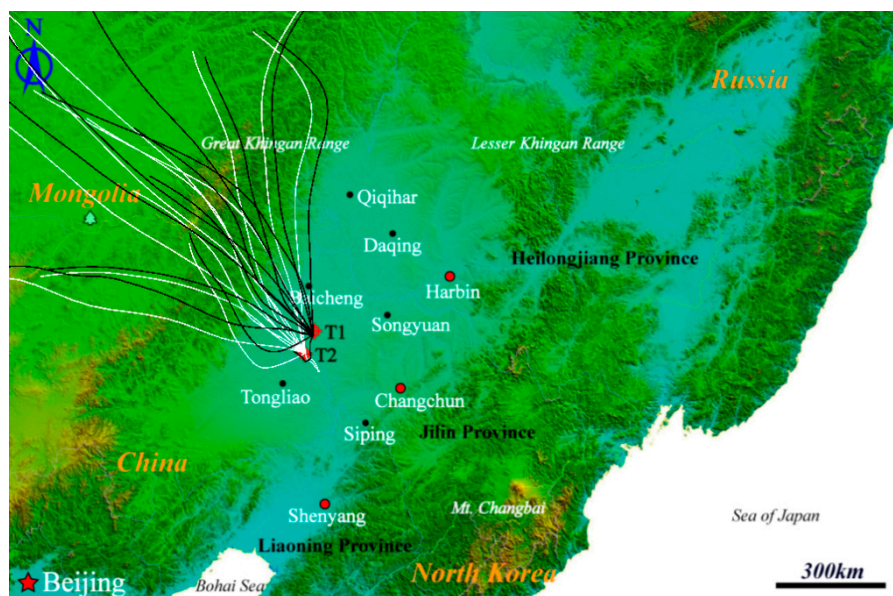

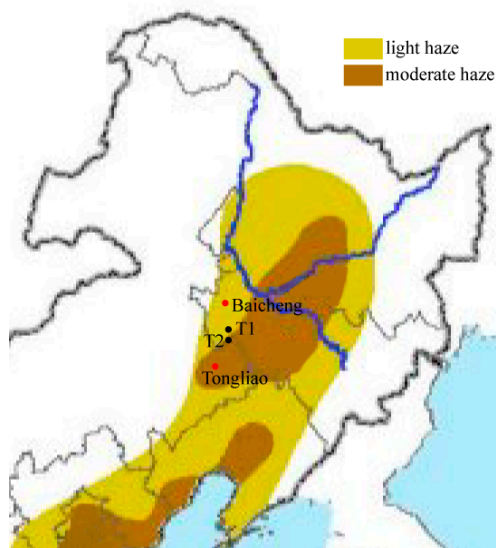**Figure S1.** 48h air mass backward trajectory for T1 and T2 sites during our sampling period.

Figure S2. China Meteorological Administration haze forecast map at 3 February, 2015.

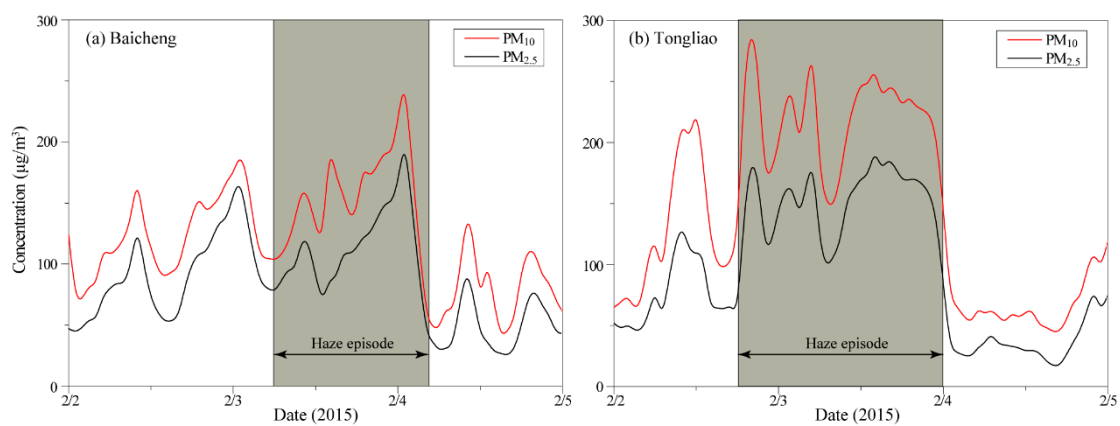**Figure S3.** PM concentration for Baicheng (**a**) and Tongliao (**b**), two cities which were close to our sampling sites.