



*Supplement of*

## **“Warm cover”: precursory strong signals for haze pollution hidden in the middle troposphere**

**Xiangde Xu et al.**

*Correspondence to:* Wenyue Cai (caiwy@cma.gov.cn) and Tianliang Zhao (tlzhao@nuist.edu.cn)

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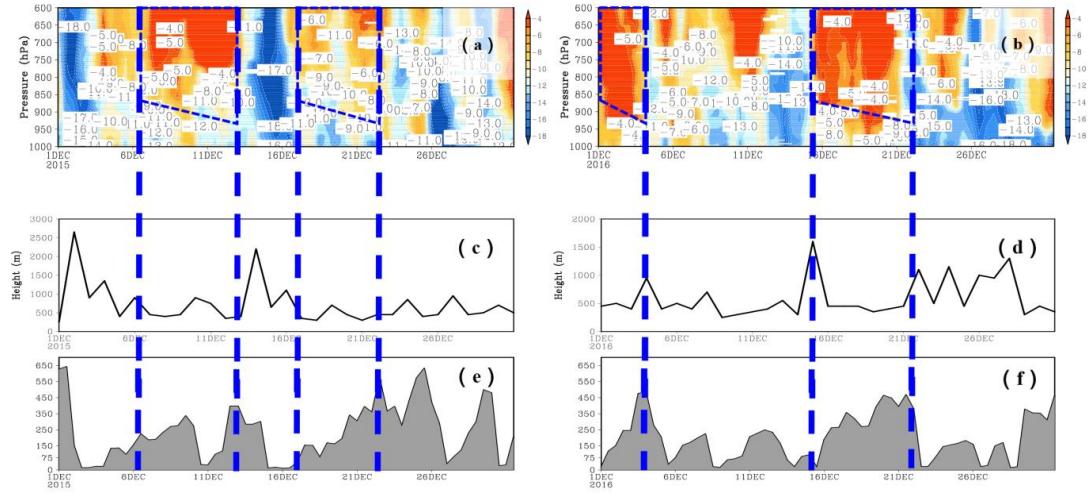


Figure S1. (a, b) Time-vertical cross-sections of air temperature anomalies over Beijing. (c, d) The variation of the height of the atmospheric boundary layer (ABL, units: m) and (e, f) the surface  $\text{PM}_{2.5}$  concentrations over Beijing. Panels (a, c, e) show the event during December 2015, while panels (b, d, f) show the event during December 2016.