

Supplementary Materials for Profiling of Dust and Urban Haze Mass Concentrations during the 2019 National Day Parade in Beijing by Polarization Raman Lidar

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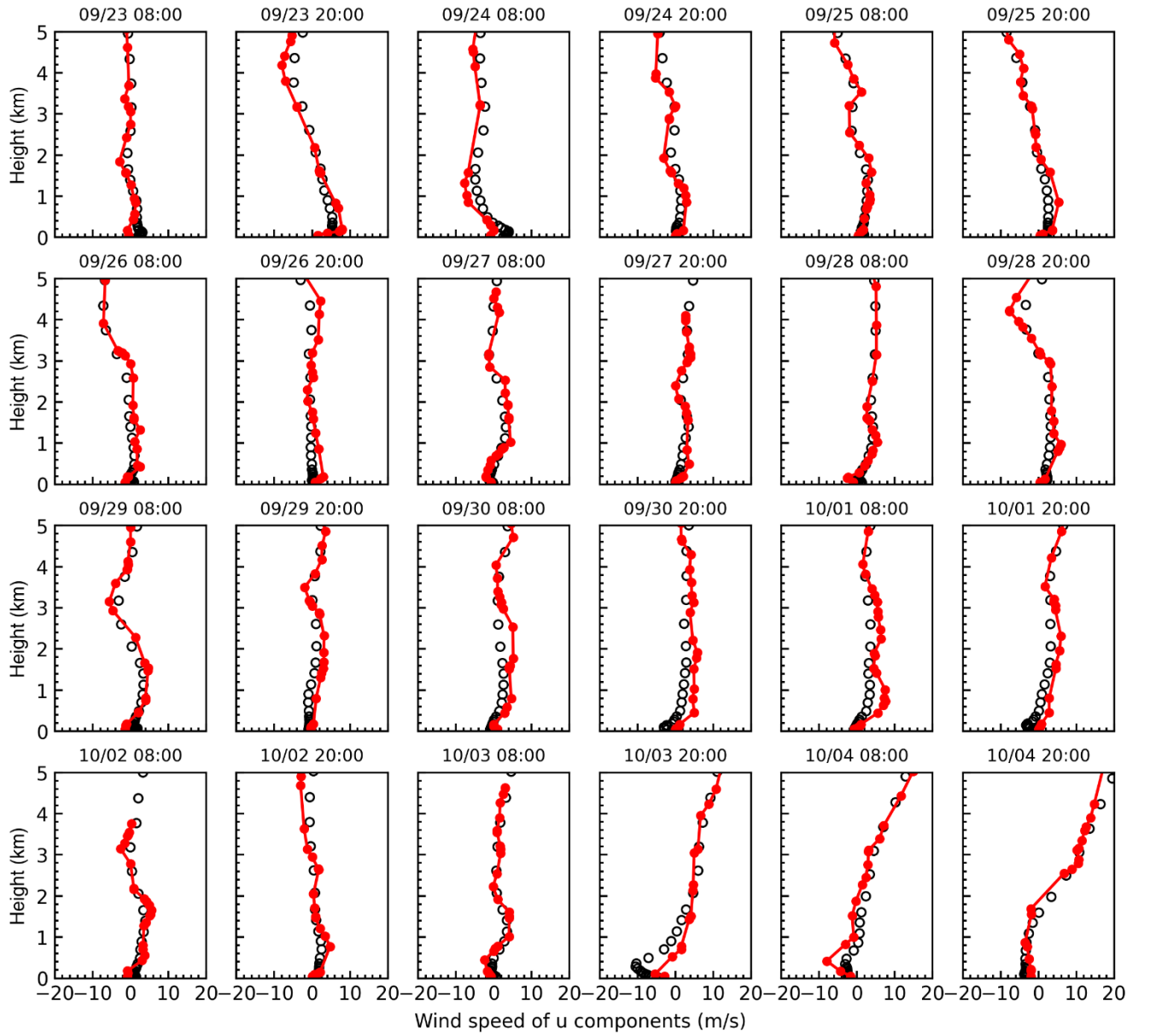


Figure S1. Comparison of wind speed (u components) between WRF-Chem simulations (black circle) and observations (red dots). The sounding site (39.93°N , 116.28°E) is located at about 22 km north of measurement site. The comparison date (local time) is shown at the top of each subplot.

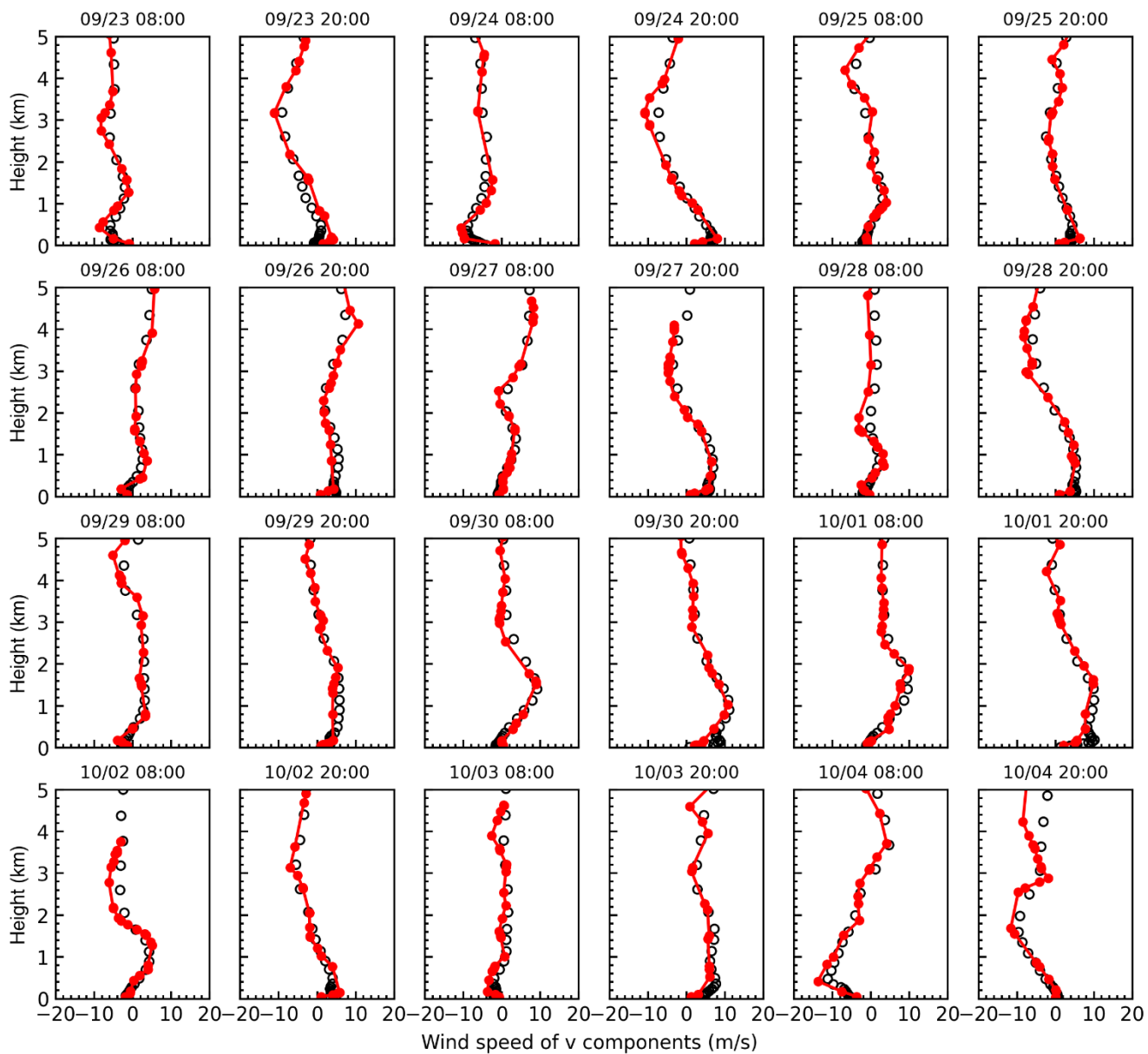


Figure S2. The same Figure S1 but for v components.

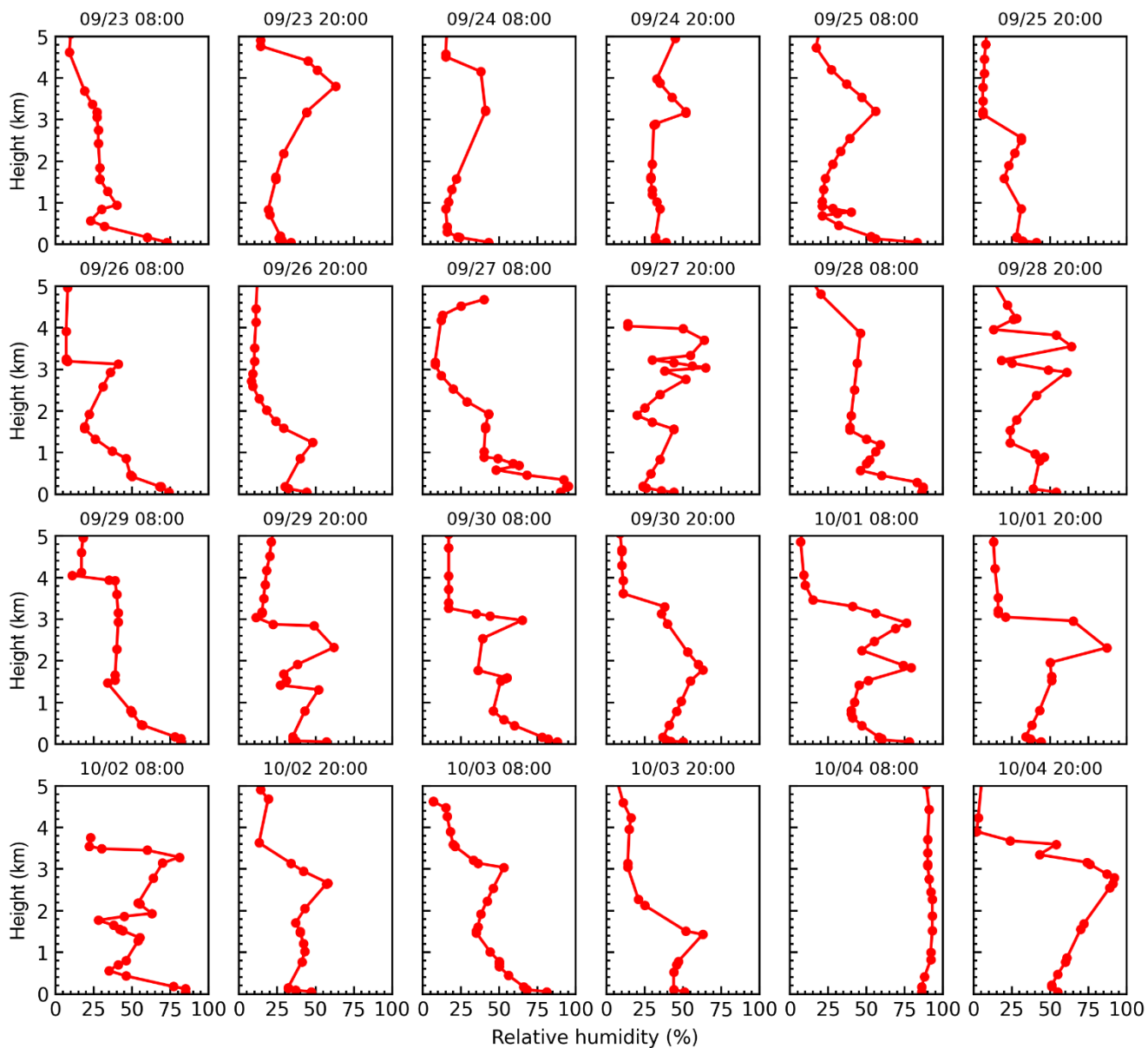


Figure S3. Relative humidity sounding profile during 23 September to 4 October. The sounding site (39.93°N , 116.28°E) is located at about 22 km north of measurement site. The date (local time) is shown at the top of each subplot.