Figure S1. The distributions of aerosol species in PM₁ in different ranges of RH from 1 December 2016 to 3 January 2017.
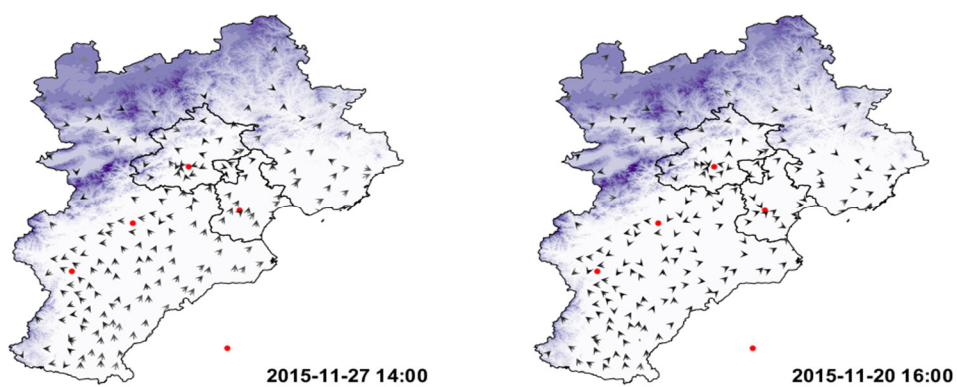
Figure S2. Surface wind distributions during the convergent explosive growth processes in November and December 2015 in the North China Plain.