



1 Figure 7. Model-simulated column maximum mixing ratio of total precipitating hydrometeors
2 (g kg^{-1} , rain + snow + graupel, colors, scales on the right) and horizontal winds (m s^{-1} ,
3 reference vector at bottom) at 1058 m at (a) 06:00 UTC, (b) 06:30 UTC, (c) 07:00 UTC and
4 (d) 08:00 UTC 8 August 2009 in the 1 km run. The dashed box in (a) depicts the area of
5 pressure perturbation calculation (22-23°N, 119.2-120.2°E).