



1 Figure 8. Similar to Fig. 4, but showing model-simulated vertical velocity ( $\text{m s}^{-1}$ , color shades  
2 and contours) at the height of 1058 m (sixth output level) over the period of 06:30-07:00 UTC  
3 (every 7.5 min) 8 August 2009 from the 1 km experiment. Contours start from  $2 \text{ m s}^{-1}$ , at  
4 intervals of 0.5 ( $1.0 \text{ m s}^{-1}$  up to (above)  $4 \text{ m s}^{-1}$ ). Old cells (A1, B1, and C1) and nearby new  
5 cells (A2, B2, and C2) and their estimated propagation speeds ( $\text{m s}^{-1}$ ) are labeled.