



1 Figure 17. (a) As in Fig. 15c, except for w (m s^{-1} , color) and p'_d (hPa, contours, every 0.2 hPa)
2 along 22.51°N from 119.86 to 120.04°E (about 18 km in length) at 06:45 UTC 8 August 2009.
3 (b)-(d) As in Fig. 16, except for w and the z -component of perturbation pressure gradient force
4 (10^{-3} m s^{-2} , contours, every $15 \times 10^{-3} \text{ m s}^{-2}$) from (b) p'_d , (c) $p'_b + B$, and (d) $p'_d + p'_b + B$,
5 respectively, at 06:45 UTC along the same cross-section as (a).