

## Corrigendum

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In Table 3 of Durran and Blossey (2012), the values of  $L_x$ ,  $L_z$ , and  $\psi_0$  for the non-hydrostatic case were in error. The table has been reproduced in its entirety here with the correct values.

In addition, the bottom panel of Fig. 9 showed the results of a simulation using different parameter values than those in the table. The correct figure is shown below.

Last, the discussion of gravity wave frequencies for the case where  $N^2/c_s^2 \ll l^2$  occurs on p. 410 of Durran (2010), rather than p. 412 as indicated on p. 1316 of Durran and Blossey (2012).

*Acknowledgments.* The authors regret any confusion that these errors may have caused. They would like to thank Oswald Knoth and Hilary Weller for alerting them to the presence of the errors.

### REFERENCES

- Durran, D. R., 2010: *Numerical Methods for Fluid Dynamics: With Applications in Geophysics*. Springer, 516 pp.
- , and P. N. Blossey, 2012: Implicit–explicit multistep methods for fast-wave–slow-wave problems. *Mon. Wea. Rev.*, **140**, 1307–1325.

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TABLE 3. Physical and numerical parameters for the nonlinear simulations.

Parameter	Case NH	Case H
Physical parameters		
$\omega$ ( $s^{-1}$ )	0.005	$1.25 \times 10^{-4}$
$L_x$ (km)	10	160
$L_z$ (km)	2.5	10
$\psi_0$ ( $m^2 s^{-1}$ )	80	10
Numerical parameters		
Domain width (km)	300	12 000
Domain depth (km)	10	10
$\Delta x$ (km)	0.25	10
$\Delta z$ (m)	50	250
$K$ ( $s^{-1}$ )	$4.69 \times 10^{-4}$	$1.17 \times 10^{-5}$
Diagnosis time $t_d$ (s)	3000	$1.2 \times 10^5$
End time $t_f$ (s)	$10^5$	$4 \times 10^6$

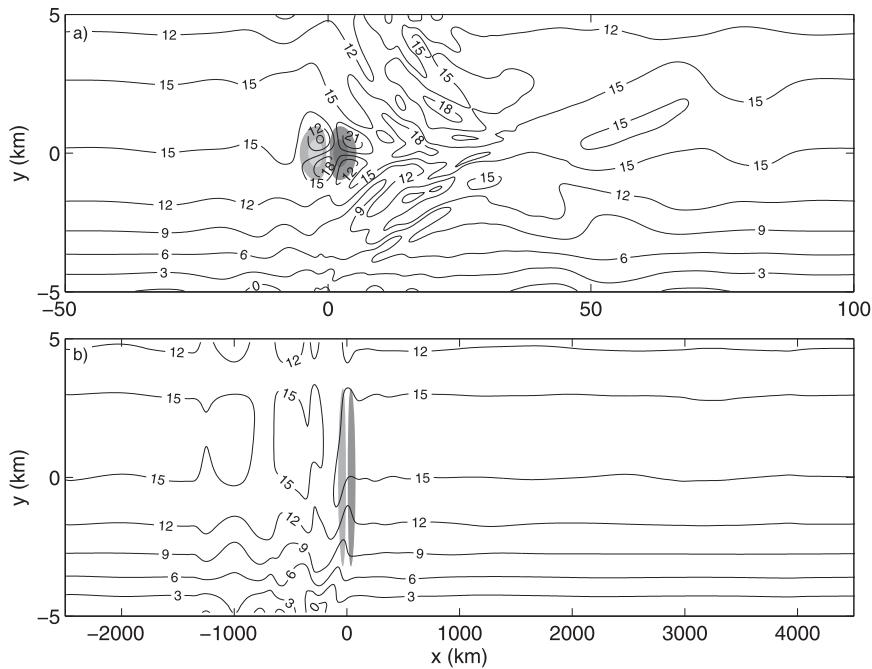


FIG. 9. Contours of the horizontal velocity at  $t = t_d$  in the central portion of the domain for (a) case NH and (b) case H. Gray shades show contours of  $\psi$  with steps in the grayscale at  $\pm 5$  and  $\pm 15 m^2 s^{-2}$  in case NH and  $\pm 1 m^2 s^{-2}$  in case H.