

Corrigendum

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In Table 3 of Durran and Blossey (2012), the values of L_x , L_z , and ψ_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		
ω (s^{-1})	0.005	1.25×10^{-4}
L_x (km)	10	160
L_z (km)	2.5	10
ψ_0 ($\text{m}^2 \text{s}^{-1}$)	80	10
Numerical parameters		
Domain width (km)	300	12 000
Domain depth (km)	10	10
Δx (km)	0.25	10
Δz (m)	50	250
K (s^{-1})	4.69×10^{-4}	1.17×10^{-5}
Diagnosis time t_d (s)	3000	1.2×10^5
End time t_f (s)	10^5	4×10^6

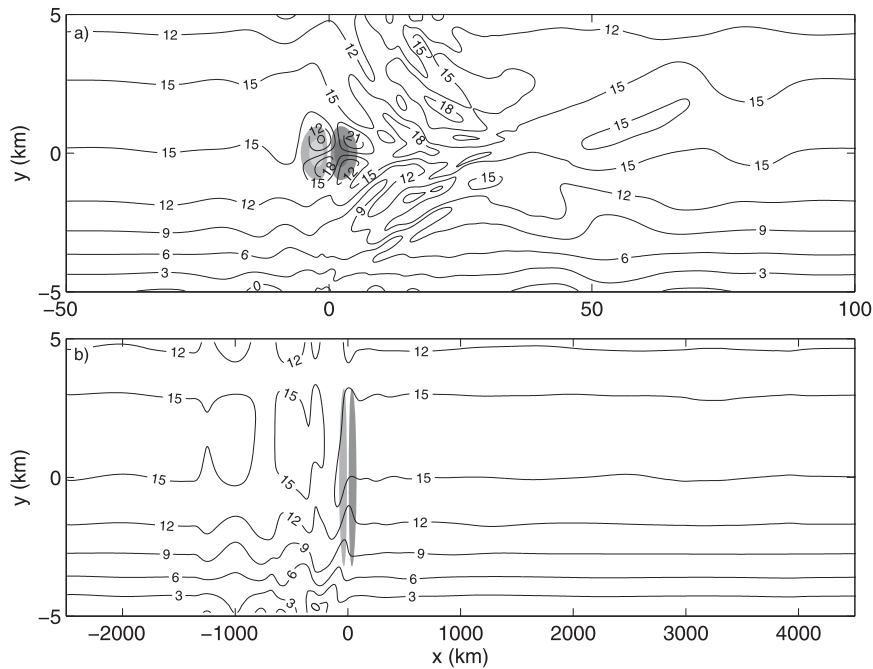


FIG. 9. Contours of the horizontal velocity at $t = t_d$ in the central portion of the domain for (a) case NH and (b) case H. Gray shades show contours of ψ with steps in the grayscale at ± 5 and $\pm 15 \text{ m}^2 \text{ s}^{-2}$ in case NH and $\pm 1 \text{ m}^2 \text{ s}^{-2}$ in case H.