TELLUS

CORRIGENDUM

GALEWSKY J.*, SCOTT R.K. and POLVANI L.M. 2004   An initial-value problem for testing
numerical models of the global shallow water equations. *Tellus* **56A**, 429–440

We have noticed some errors and inconsistencies in two of the figures in our paper, which was published in 2004. Figures 2 and 6 in that paper, and their captions, should be replaced with the ones overleaf. We are grateful to Gavin Essler and Joseph Pearce, of University College London, for pointing out some of the errors in the original figures.
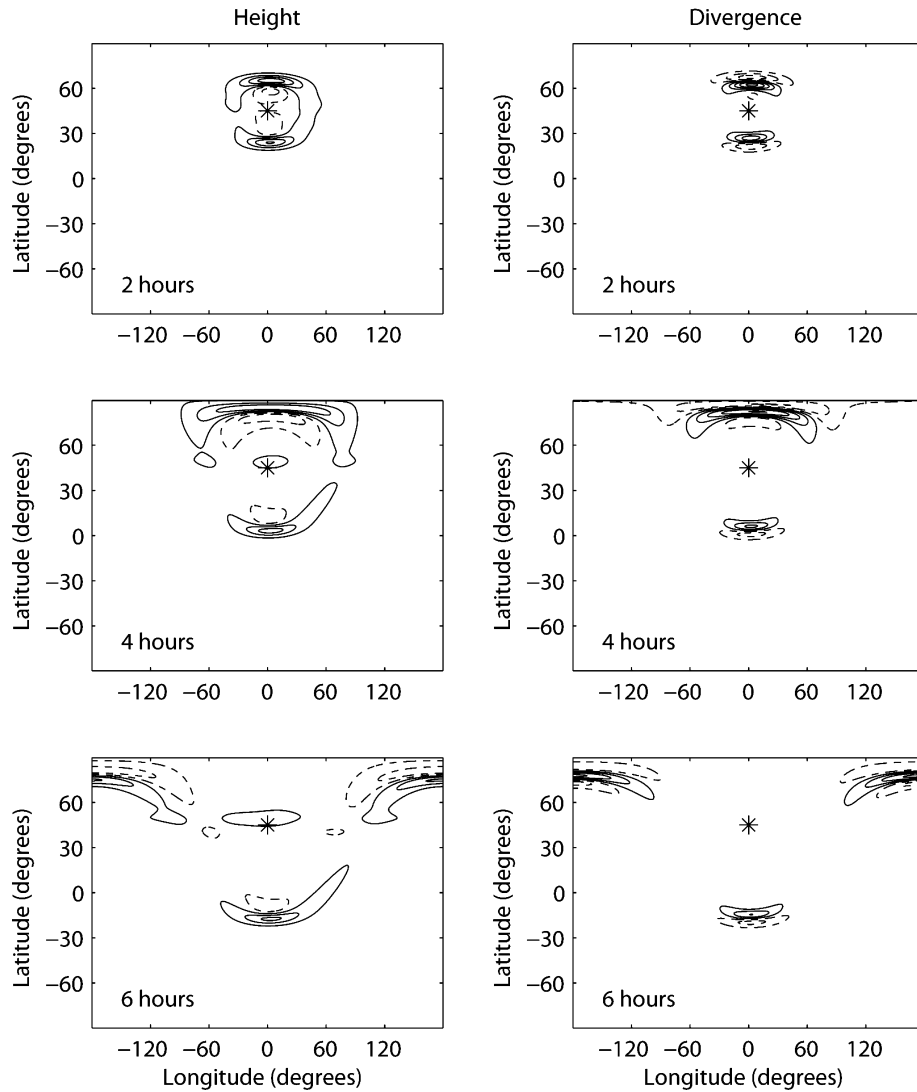
*Corresponding author.
e-mail: galewsky@unm.edu

Fig. 2. The numerically converged height and divergence fields during the adjustment process, computed with FMS-SWM at T341 with a 30 s time step. Left column: the instantaneous height h minus the balanced, unperturbed, initial height calculated in eq. (3). Contour interval is 8 m, with contour values $[\cdots -20, -12, -4, +4, +12, +20]$ m. Right column: the instantaneous divergence field, the contour interval is $8 \times 10^{-7} \mathrm{s}^{-1}$, with contour values $[\cdots, -20, -12, -4, +4, +12, +20, \ldots] \times 10^{-7} \mathrm{s}^{-1}$. In both panels, the negative contours are dashed, and the asterisk in each plot indicates the centre of the original perturbation.
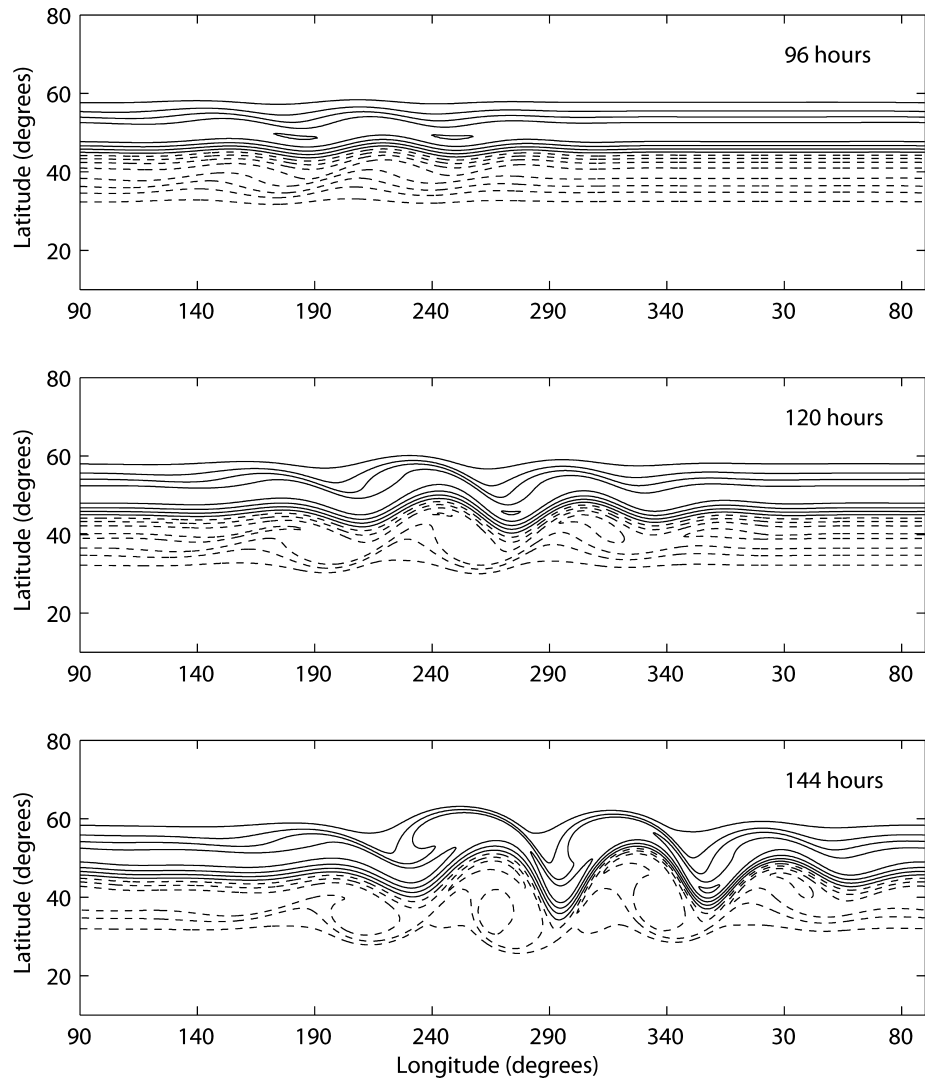
Fig. 6. The time evolution of the vorticity field for the solution with explicit diffusion ($\nu = 1.0 \times 10^5$ m^2 s^{-2}), computed with FMS-SWM at a resolution of T341 with a 30 s time step. Contour interval is 2×10^{-5} s^{-1}, with contours at $[\ldots, -5, -3, -1, +1, +3, +5, \ldots] \times 10^{-5}$ s^{-1}. Negative contours are dashed.