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The appendix of Tan et al. (2004) had typographic errors in (A1) and (A2) and in several of the parameters in these equations. The correct versions of (A1), (A2), and the parameters, respectively, are

$$RH(y,z) = RH_0R(y) \begin{cases} 1 - 0.9 \left(\frac{z}{z_{rh}}\right)^{\delta} & z < z_{rh}, \\ 0.1 & z \ge z_{rh}, \end{cases}$$
(A1)

$$RH(y, z) = RH_0 R(y) \begin{cases} 1 - 0.9 \left(\frac{z}{z_{rh}}\right)^{\delta} & z < z_{rh}, \\ 0.1 & z \ge z_{rh}, \end{cases}$$

$$R(y) = \begin{cases} R_1, & y \le y_1 \\ R_1 + \frac{y - y_1}{y_2 - y_1} (R_2 - R_1), & y_1 < y < y_2, \\ R_2, & y \ge y_2 \end{cases}$$
(A2)

where $R_1 = 0.5$, $R_2 = 1.0$, $y_1 = 0.4y_c$, $y_2 = 0.8y_c$, $y_c = 4005$ km, $z_{rh} = 8000$ m, and $\delta = 1.25$. For the control run (CNTL), RH₀ = 92.0 (not RH₀ = 100.0). All calculations reported in Tan et al. (2004) used the correct formulations given here.

REFERENCES

Tan, Z.-M., F. Zhang, R. Rotunno, and C. Snyder, 2004: Mesoscale predictability of moist baroclinic waves: Experiments with parameterized convection. J. Atmos. Sci., 61, 1794–1804.

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