CORRIGENDUM

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We would like to correct two errors in Lock et al. (2000a).

1) Equation (1) on page 3191 is printed as

$$w_e = A_1 \frac{V_{\text{sum}}^3/z_{\text{ml}} + g\tilde{\beta}_T \alpha_t \Delta_F}{\Delta b + c_T V_{\text{sum}}^2/z_{\text{ml}}},$$

   but should read

$$w_e = \frac{A_1 V_{\text{sum}}^3/z_{\text{ml}} + g\tilde{\beta}_T \alpha_t \Delta_F}{\Delta b + c_T V_{\text{sum}}^2/z_{\text{ml}}};$$

   that is, the A_1 factor should only be multiplying the first term in the numerator, not both.
2) The value of 0.056 assigned to the constant A_{br} at the end of the second paragraph of the appendix should have been 0.24.

It should be noted that, of course, the corrected versions as described here were those used in the simulations described in both this paper and in Lock et al. (2000b), and these corrections now make the entrainment parameterization consistent with the paper cited as the original source, namely Lock [1998, p. 2733, Eqs. (9)–(13) and following sentence].

REFERENCES

Lock, A. P., 1998: The parametrization of entrainment in cloudy boundary layers. *Quart. J. Roy. Meteor. Soc.*, **124,** 2729–2753.

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——, M. R. Bush, A. R. Brown, A. P. Lock, and R. N. B. Smith, 2000b: A new boundary layer mixing scheme. Part II: Tests in climate and mesoscale models. *Mon. Wea. Rev.*, **128,** 3200–3217.

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