

CORRIGENDUM

TSENGDAR J. LEE AND ROGER A. PIELKE

Department of Atmospheric Sciences, Colorado State University, Fort Collins, Colorado

It has been brought to our attention by J. F. Mahfouf and J. Noilhan that there was an error and several confusing views contained in Lee and Pielke (1992). This short note gives the corrected information.

Noilhan and Planton (1989) and Jacquemin and Noilhan (1990) actually used the α method consistently, and thus the discussion in the last paragraph of section 2 and Table 1 of Lee and Pielke (1992) about these two papers is incorrect. A more comprehensive overview of the existing α , β , and "threshold" methods including numerical tests can be found in Mahfouf and Noilhan (1991), which appeared after our paper was in final form.

The proposed β formulation is most appropriate for use in soil models where the top soil layer is roughly 2 cm in depth, similar to the experiment done by Kondo et al. (1990). Also, the proposed formulation should not be used in a nocturnal situation since β methods tend to underestimate downward moisture flux (dew formation), as shown, for example, by Mahfouf and Noilhan (1991).

REFERENCES

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