

## CORRIGENDUM

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In appendix B, section c of [van Stratum et al. \(2014\)](#), two errors were introduced in the case description of the Gulf of Mexico Atmospheric Composition and Climate Study (GoMACCS) case. To ensure reproducibility and consistency with Fig. 4 of [van Stratum et al. \(2014\)](#), we propose the following amendment. The corrected surface moisture flux and input sounding, as used in the large-eddy simulation (LES) experiments, are provided in Eq. (1) [Eq. (B2) in [van Stratum et al. 2014](#)] and Table 1 (Table B3 in [van Stratum et al. 2014](#)), respectively:

$$(\overline{w'q'})_s = 14.5 \times 10^{-2} \sin\left(\pi \frac{t + a_1}{t_{\text{sim}} + a_2}\right), \quad (1)$$

with  $(\overline{w'q'})_s$  in  $\text{g kg}^{-1} \text{m s}^{-1}$ ,  $t$  the simulation time (s),  $t_{\text{sim}}$  the total simulation time (43 200 s),  $a_1 = 1800$  s, and  $a_2 = 3000$  s.

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### REFERENCE

van Stratum, B. J. H., J. Vilà-Guerau de Arellano, C. C. van Heerwaarden, and H. G. Ouwersloot, 2014: Subcloud-layer feedbacks driven by the mass flux of shallow cumulus convection over land. *J. Atmos. Sci.*, **71**, 881–895, doi:[10.1175/JAS-D-13-0192.1](https://doi.org/10.1175/JAS-D-13-0192.1).

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TABLE 1. Description of the initial LES profiles for the GoMACCS case.

$z$ (m)	$\theta_l$ (K)	$q_l$ (g kg <sup>-1</sup> )	$\{u, v\}$ (ms <sup>-1</sup> )
0	300.3	18.3	{0, 0}
387.5	300.3	18.3	{0, 0}
637.5	—	14.55	{0, 0}
837.5	303.95	—	{0, 0}
1737.5	305.7	12.9	{0, 0}
1887.5	306.8	—	{0, 0}
2187.5	308.3	10.65	{0, 0}
5000	322.3	2.2	{0, 0}