Corrigendum

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Through another research effort, it was recently discovered that the wind profiles used to initialize the Cloud Model 1 (CM1) simulations in Sherburn and Parker (2019) were specified with incorrect units (mistaking meters per second for knots). The following corrected versions of Fig. 1 and Table 1 represent the actual initial conditions for the simulations reported in Sherburn and Parker (2019).

The caption for Fig. 3 in Sherburn and Parker (2019) should also be modified to read, "Base-state kinematic profiles for the (left) increased low-level shear and (right) decreased low-level shear simulations. Hodograph axes are labeled in $m\,s^{-1}$."

The modeling results shown and interpreted by Sherburn and Parker (2019) remain true to the CM1 simulations that they actually performed. These results are internally consistent with one another and do indeed address the modeled convection's sensitivities to changes in vertical wind shear and stability, which was the study's purpose. However, the initial environments in the model contained approximately twice as much vertical shear as intended.

REFERENCE

Sherburn, K. D., and M. D. Parker, 2019: The development of severe vortices within simulated high-shear low-CAPE convection. *Mon. Wea. Rev.*, **147**, 2189–2216, https://doi.org/10.1175/MWR-D-18-0246.1.

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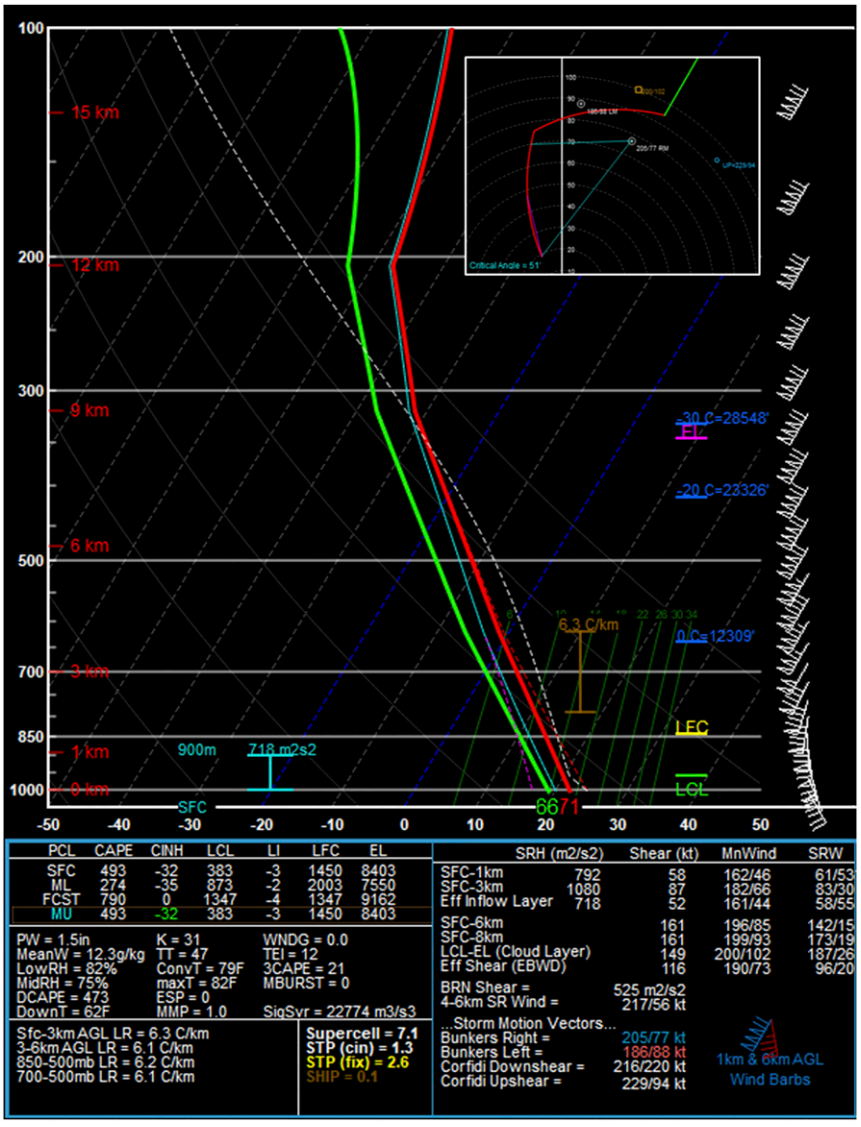

FIG. 1. Control base-state environment in HSLC matrix of simulations. Hodograph axes are labeled in knots (1 kt = 0.51444 m s^{-1}) and contoured at 10-kt intervals. Half barbs, barbs, and flags on the right correspond to wind magnitudes of 5, 10, and 50 kt, respectively.

TABLE 1. Selected base-state environment variables for matrix of simulations.

Variable	Control	+01s	−01s	+03lr	−03lr
SBCAPE (J kg^{-1})	493	493	493	493	493
MLCAPE (J kg^{-1})	274	274	274	276	288
0–3-km CAPE (J kg^{-1})	21	21	21	40	6
0–1-km shear (m s^{-1})	30	40	20	30	30
0–1-km SRH (m^2s^{-2})	792	1121	491	729	834
0–3-km shear (m s^{-1})	45	45	45	45	45
0–3-km SRH (m^2s^{-2})	1080	1390	836	1067	1084
0–6-km shear (m s^{-1})	83	83	83	83	83