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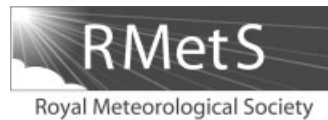
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Correction to: ‘Structure and dynamics of the convective boundary layer on Mars as inferred from large-eddy simulations and remote-sensing measurements’

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There was an error in Figures 2, 5, 6 and 9. In these figures the incorrect symbols were used in the lines representing case a and case z. The corrected figures are reproduced below:

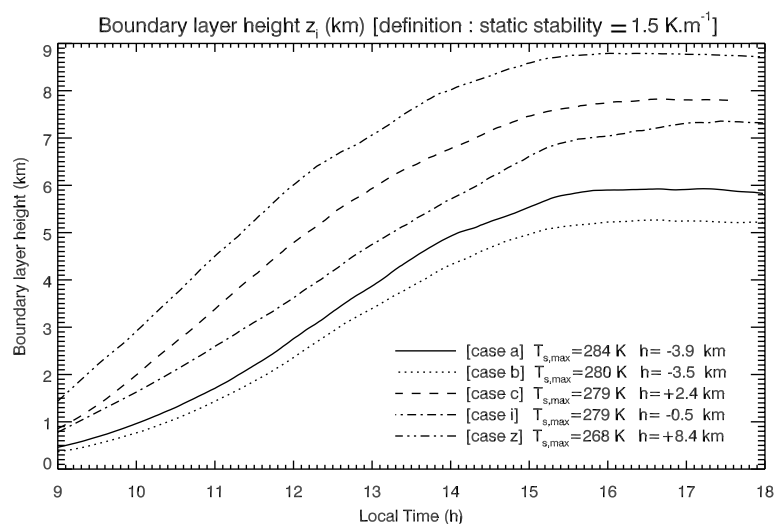


Figure 2. Variations of the boundary-layer depth above the local surface with time for the five LES case-studies. *h* and *T_{s,max}* are defined in Table II.

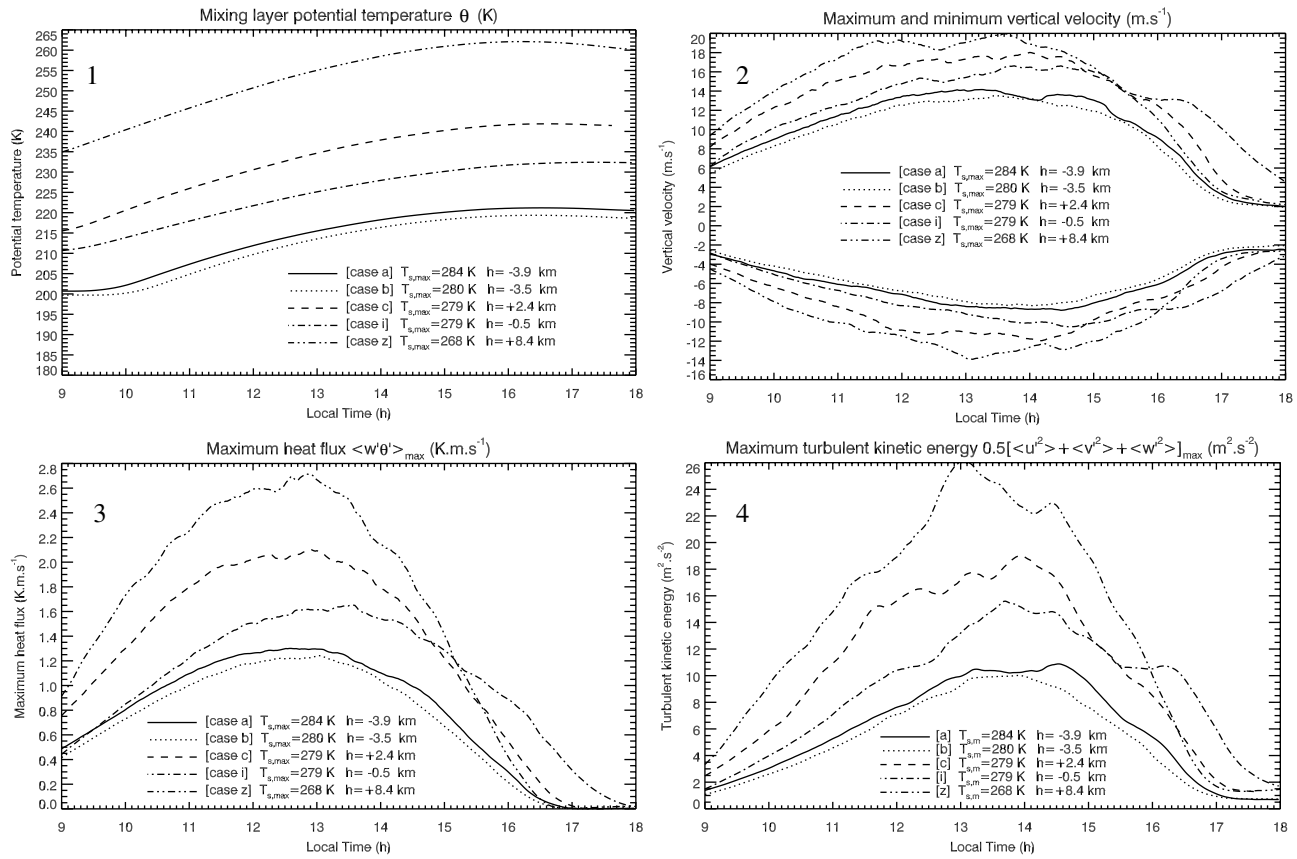


Figure 5. Variation of the LES statistics with time in the five case-studies defined in Table II. (a) Mixed-layer potential temperature (K), (b) updraught/downdraught maximum vertical velocity ($m s^{-1}$), (c) maximum vertical eddy heat flux ($K m s^{-1}$), and (d) maximum turbulent kinetic energy ($m^2 s^{-2}$).

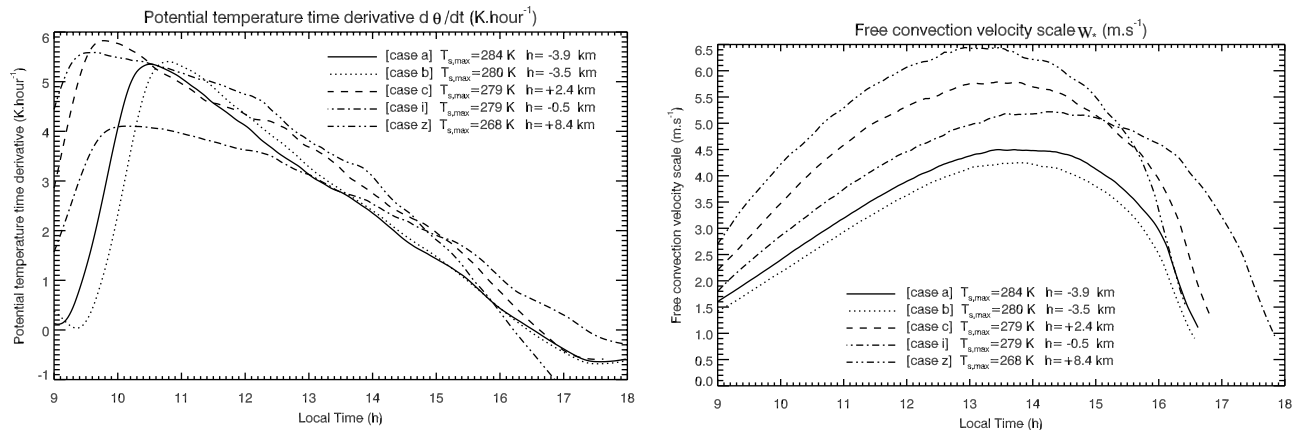


Figure 6. Variation of the time derivative of the mixed-layer potential temperature ($K h^{-1}$) with time for the five LES case-studies. Note that before 1000 LT the behaviour is still influenced by the ‘burning-off’ of the remains of the night-time inversion.

Figure 9. Variations of the convective scaling velocity W_* with time in the five LES case-studies. Values of W_* are computed according to the generalised Eq. (12).

Equation 4 also contained an error. The corrected equation appears below:

$$\frac{\partial \theta}{\partial t} \approx -\frac{\partial(w'\theta')}{\partial z} \quad (4)$$