



Corrigendum to “Strong aerosol indirect radiative effect from dynamic-driven diurnal variations of cloud water adjustments” published in Atmos. Chem. Phys., 25, 17455–17472, 2025

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The authors wish to note that a typographical error occurred in Eq. (2) in the original paper. The equation was printed without the necessary parentheses, which may lead to ambiguity in interpretation.

The incorrect equation:

$$\text{SST}_{\text{adv}} = -\frac{u}{R_E \cos \phi} \frac{\partial \text{SST}}{\partial \lambda} + \frac{v}{R_E} \frac{\partial \text{SST}}{\partial \phi} \quad (2)$$

Should read:

$$\text{SST}_{\text{adv}} = -\left(\frac{u}{R_E \cos \phi} \frac{\partial \text{SST}}{\partial \lambda} + \frac{v}{R_E} \frac{\partial \text{SST}}{\partial \phi} \right) \quad (2)$$

This correction is purely editorial and does not affect any numerical calculations, code implementation, figures, or conclusions presented in the paper. All results were obtained using the correct formulation.

The authors apologize for any inconvenience this oversight may have caused.