

Reponses to the editor

We thank the editor for the final check and quality control. Following our discussions, the following have been revised:

1. Correction of captions in Figure 4
2. We removed the following text: “It thus avoids the challenges of decomposing the wind vector into the along-wind and cross-wind components at lower frequencies, and hence longer periods, associated with the requirement of stationary wind conditions.”
3. We included the following text suggested by the editor: "It should be noted that under neutral and stable conditions the atmospheric boundary layer height is often denoted by h , whereas z_i commonly refers to the inversion height under convective conditions. Following Arya (2001), z_i is often taken as an approximation of the planetary boundary layer height h . For consistency with the cited formulations adopted here, we use z_i as a unified notation for boundary layer height across stability regimes.”
4. We added the following reference:
Arya, P. S. (2001). Introduction to Micrometeorology. Academic Press.