

## File review:

Please ensure that the colour schemes used in your maps and charts allow readers with colour vision deficiencies to correctly interpret your findings. Please check your figures using the Coblis – Color Blindness Simulator (<https://www.color-blindness.com/coblis-color-blindness-simulator/>) and revise the colour schemes accordingly. --> Figs. 11 and 14.

Author's response: We have used the Coblis – Color Blindness Simulator (<https://www.color-blindness.com/coblis-color-blindness-simulator/>) and revise the colour schemes accordingly. --> Figs. 11 and 14 in the manuscript.

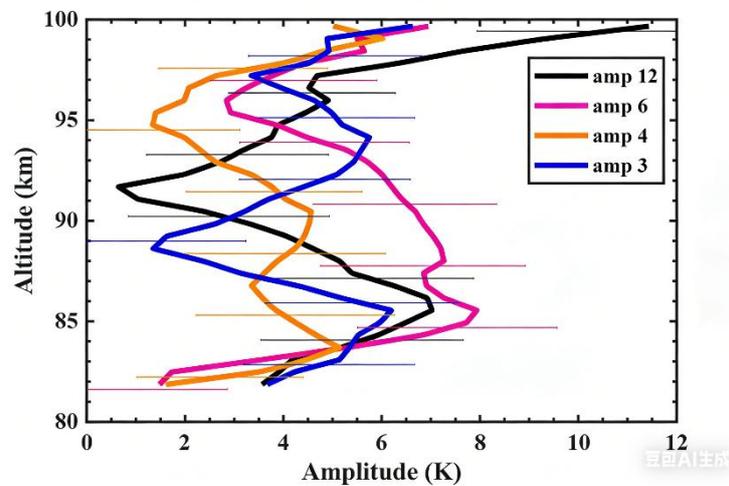


Figure 11. Seasonal harmonic amplitude profiles with the period of 12 (black), 6 (red), 4 (orange), and 3 (blue) months. Error bars are shown as thin lines.

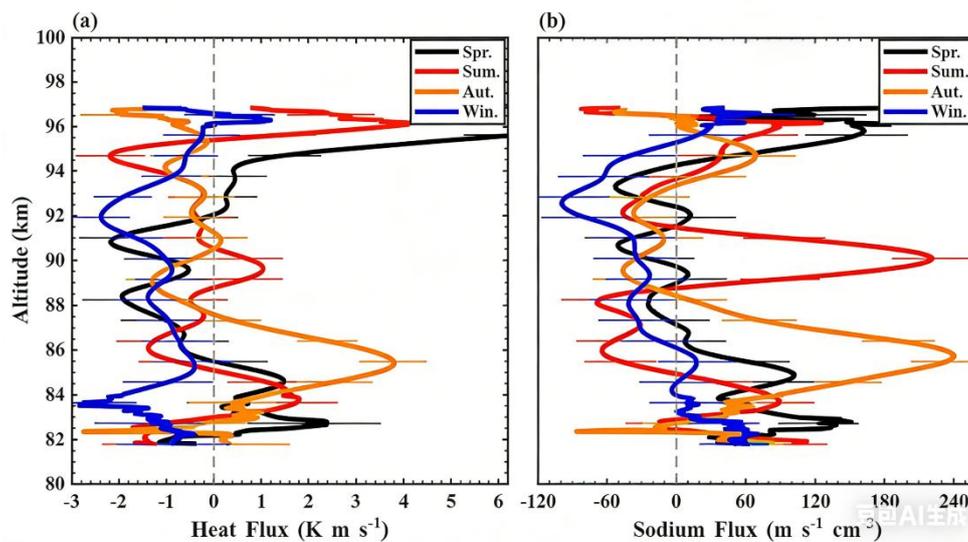


Figure 14. The seasonal profiles of the heat (a) and Na (b) fluxes. Spring (black), summer (red), autumn (orange), winter (blue). Error bars are shown as thin lines.