

I would like to thank the authors for their careful consideration of all comments made. The paper is well written and all discussion points are now very clearly substantiated by the figures provided.

My only remaining concern is clarity in Figure 4 and Figure 6. Currently, it's difficult to differentiate between days due to overlapping colours and colours of different shades – especially in c/d. If the aim is to highlight the days, either more subplots or mean profiles might help with clarity. However, as it is currently difficult to distinguish between days, changing all to the same colour would likely capture the same information (possibly still including a mean profile?)

Some minor editorial comments:

- The units of momentum flux in Fig 6 need to be revised.
- The overbars on Fig 6 and on other would look better if they spanned the width of a'b'
- It is my preference for clarity in multiplots to have the distributions on the top and right of each scatter. Then they can lie flush with the plots and not have axis labels in between.
- The whitespace on Table 2 could be reduced.
- On Table 3, I assume that d1,d2... indicates days, but this notation isn't used elsewhere, nor is it explicitly defined.