

Colours/Figures: Generally, it is advised to choose colourblind-friendly colour schemes, as stated on the AMT website ([https://www.atmospheric-measurement-techniques.net/for\\_authors/manuscript\\_preparation.html](https://www.atmospheric-measurement-techniques.net/for_authors/manuscript_preparation.html)) under "Manuscript composition"/"Figure composition":

"7 - For maps and charts, please keep colour blindness in mind and avoid the parallel usage of green and red. For a list of colour scales that are illegible to a significant number of readers, please visit ColorBrewer 2.0."

*We changed the color scheme for Figures 1, 2, 5, 7, and 11 to comply with the journal guidelines.*

The rainbow colour scheme (used in Figures 1, 2, and 11) is unfortunately not a colourblind-friendly colour scheme (among other shortcomings of this colour table, see e.g. the open letter to the scientific community here: <https://www.climate-lab-book.ac.uk/2014/end-of-the-rainbow/>).

*Figures 1 and 2 were changed and now use the Viridis palette which is a suggested color scheme. Figure 11 was changed with a linear red color palette.*

In Figure 7 you use red and green in parallel, which should be avoided.

*Figure 7 and 5 were changed to use blue and purple instead of green.*

Please revise your figures accordingly!

Minor points:

p3 1113: PWV- please write out the abbreviation at the first occurrence. - *Done*

p10 1344: "closed call" -> typo cell. - *Done*

**Figure 8 and 11:** Please enlarge the numbers on x- and y-axes, and the axis annotations. *The fonts of axis and annotations were increased of 2 points*