

Remarks from the preceding review file validation

1. With the next revision, please include the section "Correspondence to:" in to the title page of the *.pdf manuscript. Please use our templates: <https://www.atmospheric-chemistry-and-physics.net/submission.html#templates> / Technical instructions for MS Word and compatible formats /. 2. 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.

Reply to Remarks: We thank you for these remarks which have been considered in our manuscript.

- 1. Sections "Correspondence to:" and "Code/Data availability:" are now included.**
- 2. Colour schemes used in maps and charts have been revised.**
- 3. We have used the ACP template as suggested.**