

Corrections for

'Strateole 2 balloons reveal persistent errors in reanalyzed winds and trajectory calculations in the tropical lower stratosphere'

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We thank the editor for accepting our study for publication and for the careful rereading. We have taken into account all the comments and suggestions, have changed text where necessary to clarify, and have completed the bibliography to include all authors for the publications with numerous authors.

Below we recall the comments and suggestions that had been made. All have been taken into account.

- Units should be written without a dot in between, thus m s-1 instead of m.s-1. This should be corrected on e.g. P8. Please check the entire manuscript.
- “table” should be written as “Table” (with a capital “T”)
- Figure 10 caption: Add “on” so that it reads “starting on the 26th.”
- Figure 11: On the right figure panel the figure title is not complete (lev instead of level). Reducing the figure size a bit may fix this.
- L445: “than in at longer scales” not correct. Please check sentence and rephrase.

We have worked on the text of the discussion to make this sentence clearer. This also concerns two points below, about lines 450-451 and 452-453. The corresponding paragraphs in the new version of the manuscript are at lines 445-457.

- L450-451: Sentence not clear, please rephrase.
[See above comment](#)
- L452: underestimate → underestimation
- L452-453: Also this sentence is not clear, please rephrase.
[See above comment](#)

- Figure 14 caption: “eq.” Should be “Eq.”
- Please check also the references. There are several errors, e.g.
- The Carbone et al. reference should be updated. The paper has been published in ACP: <https://doi.org/10.5194/acp-25-10603-2025>
- L565: Rather “et al.” than “eds.”, however for ACP all authors need to be listed.
- Podglajen et al. 2014: The a and b reference are the same. Please remove one and adjust text.
- Rabier and coauthors → also here a full list of authors should be provided
- Scaife et al: → also here all authors should be added.
- In Schoeberl et al. (2016) the doi is incomplete.