

Minor Revision: Answers to Co-Editor

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December 2021

1 Co-Editor

1. The maximum permitted level of sectioning in WCD is three as you can see from the "manuscript composition" guidelines (<https://www.weather-climate-dynamics.net/submission.html#manuscriptcomposition>). Please correct this in sections 2.4 and 3.2.

We corrected this in the mentioned sections. Some text had to be adjusted to accommodate for these changes (e.g. texts regarding the content of certain subsections etc.)

2. The analyses presented in section 3.2.2 (Correlation to extreme precipitation events) need detailed explanations of the method. These should be placed in the methods section instead of being presented along with the results. Given the length of the paper in general and the methods section in particular I recommend to move this to the supplement. This will make for a more compact manuscript, though it will require some minor rewriting of Section 3.2.2 to ensure that it remains comprehensible.

We moved most methodological parts into the supplement (e.g. statistical test, mathematical definitions, ...). We adjusted the chapter accordingly. We also reduced the sectioning depth by setting the whole section as chapter 3.3 instead of 3.2.2. As a result we also adjusted the introductory text for chapters 3.2 and 3.

3. The conclusion contains one excessively long paragraph. Please consider restructuring into several paragraphs for better readability. The same applies to the long paragraphs starting on lines 524 and 601 of the non-track-changed manuscript.

We split these paragraphs into several smaller paragraphs, where we considered it appropriate.

4. Please screen the manuscript for typos and grammatical errors.

We reread and updated the manuscript to reduce typos and grammatical errors. We also added references to software packages used during our evaluation.

5. L37: It is not clear what you mean by "reference data-sets". Suggest to remove the word reference.

We removed the word "reference"

6. L106: two should not be in bold face

"two" is no longer bold face