

2nd review for “Future changes in the mean and variability of extreme rainfall indices over the Guinea Coast and role of the Atlantic equatorial mode” by Worou et al.

Overview

I commend the authors on a vastly improved iteration of their manuscript. From my side, the authors have satisfactorily answered and addressed all my concerns, the paper is close to a publishable state in my view. There are only a few very minor points left.

General comments/questions

- Even though the paper focuses on extreme rainfall, I think the pronounced mismatch between models and observations in CWD and FRQW (Fig. 1 e+f) deserves a bit more discussion. Clearly, there is a bimodal imprint in the observational data from the Guinea Coast region, which the models are just unable to resolve for present day scenarios. And this may or may not be of relevance for the characteristics of future daily rainfall, perhaps rather more so for multi-day precipitation extremes.

Specific comments/questions

- L278: “...are two orders of magnitude greater...”. If this is related to 100%, then it is rather “...twice as high...”.
- Figure 3: This is model minus observation, correct?
- Figure 5: This is long-term minus present day, correct? What do the blank areas without stippling/hatching/etc. indicate?
- L452: Typo for “averaged”.
- L475: Do the authors mean the “fraction of explained variance”?