

Review of: "Analysis of climatic parameters in the upper Awash River basin of Ethiopia"

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Potential competing interests: No potential competing interests to declare.

Review of the manuscript "Analysis of climatic parameters in the upper Awash River basin of Ethiopia"

Comments

This manuscript has the objective of analyzing and characterizing the trend and variability of climate parameters of the Upper Awash Sub-Basin using secondary time series data from the period 1991 to 2020.

The paper is well written and structured and could be published after the following suggested corrections have been made.

1. Check and correct – above mean sea level (a. m. s. l.) at certain places in the text it is abbreviated (m. a. s. l.)
2. Study Area: Four sub-basins have been described in the text viz: upper sub-basin (above 1500 amsl); middle sub-basin (1500 – 1000 amsl); lower sub-basin (1000 – 500 amsl). What about 500 and below amsl?? Or is it about the fact that the lowest areas is 500 amsl???
3. Figure 6- Should be worked on. The tile in the graph of Abomsa should be removed. The figure should be given codes of (A) and (B) for Abomsa and Tulubolo respectively and each of them described in the title below the figure e.g. Figure 6: Trend CGS for (A) Abomsa..... and (b) Tulubolo. In the graph of Abomsa, the regression equation should be shown.
4. Figures 7 and 8- suggestions in 3 above should apply to figures 7 and 8
5. 3.1.2 Variability of Rainfall: Reference to the sentence "According to the study reported by Dereje et al....." the sentence should be moved to the discussion section of the. The result section should only have results of the study and not results from other studies
6. Regarding Figures 9, 10, 11,12 and 13, Is it possible the label for the years can be separated from the negative anomaly bars? Being where they are make the graph clumsy. Also for Figure 11, 12 and 13, remember to separate them by (A), (B) and (C) as suggested for Figure 6. Separate the year labels from the negative anomaly bars
7. Discussion: First paragraph- the last but one line- the word "contracts" should rather be "contrasts" instead

