Editor's Comment:

Three reviewers suggested minor changes that were included by the author. However, additional minor changes should be included previously to the publication of this study.

Table 1, longitude and latitude units should be introduced.

L. 149, 156, 163, 165, 168, 199 and 201 refer to equations not previously introduced.

L. 152, 162, verifies if Eq. (8) was obtained from eq. (5) by substitution of three variables, yet, t, and St, by their sums.

L. 160, L was not previously introduced.

L. 189, revise Eq. (13).

L. 196, this equation is not numbered and should be revised.

Section 3.8.3 is followed by section 3.9.4

L. 238, 239, 276 and 278 include characters, such as {\display style, which should be revised.

L. 259, revise Eq. (26), one parenthesis is missing.

Fig. 4, rainfall and residual units should be introduced in axes.

Editor's Details:

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