

RC3:

The manuscript has greatly improved in terms of clarity and readability, and it now presents little risk of causing misunderstanding. Furthermore, with the release of two summer seasons' worth of data, the authors now meet the minimum requirement for conducting a long-term analysis. Based on these improvements, the reviewer recommends accept for publication after a very minor revision regarding terminology. No additional review is required at this stage.

minor comments:

1.

Line 196–209 There are some parenthetical usage that are uncommon in academic writing as follows.

"1.16 mm h<sup>-1</sup> (A) and 2.31 mm h<sup>-1</sup> (B), respectively": This phrasing is unfamiliar.

"CAF (convective area fraction to total precipitation area)": It is more conventional to write "convective area fraction to total precipitation area (CAF)" when introducing an abbreviation.

The purpose and style of parentheses differ between the sentences in L206 and L207. Consistency is recommended.

Response: Thank you very much for your suggestions! Regarding the issues such as parenthetical usage you raised, we have made revisions in the latest version of the manuscript. Thank you again for pointing out these detailed problems.

2.

Line251 Given the context, I recommend replacing "While" with "Because".

Response: Thank you for your suggestion! We have replaced "While" with "Because".

3.

Table 2 (VIRS entry), Section 4.2, L317, L333, etc.

In the context of visible or near-infrared channels such as VIRS, the values expressed on a scale from 0 to 1 are commonly referred to as "reflectance", not "reflectivity". The latter term is typically used in radar received echo power.

Response: Thank you for your revision suggestions! We have revised the relevant vocabulary throughout the entire text.

All the above have been modified in the revised manuscript. Thank you again.