Comment on hess-2022-154
Anonymous Referee #3

The present paper explains the break in Clausius-Clapeyron scaling rate in India through use of observation and a surface energy balance approach constrained by thermodynamic. The authors have made well reasoning and organization of the contents with minor faults, so I would recommend minor revision before publication. The comments are as follows:

- In Figure 1, the monthly temperature is used despite of the daily scale for analysis. This may need to be fixed.
- There seems to be minor difference between the clear sky scaling in IMD and TRMM in foothill of Himalayas north of India in the figure 6, does the authors know why?
- On figure 6, while the removal of the effect in the north-west India in IMD (Fig. 6c) is relatively similar compared to the Observed, the TRMM data (Fig. 6e) exhibits more cooling, does the authors know why? Maybe it’s because TRMM are more affected by clouds covers?
- In the introduction, the authors used the "here we ....“, which seems pretty weird, this is in Line 57, 64, 83. It may be better if the authors use the expression such as “In this study” or words of similar sorts.