

Interactive comment on “Performance of GPM-IMERG precipitation products under diverse topographical features and multiple-intensity rainfall in an arid region” by Safa A. Mohammed et al.

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Thanks for the valuable comment. It is always a struggle for an author when trying to provide a comprehensive background at the risk of the article being mistaken for a "review article" rather than a "research article". The authors will try to include the suggested pertinent studies where they best fit in the introduction and discussion sections. Particularly Chen et al. (2019) as it is directly related to the investigation carried out in this study.

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References Chen, H., Yong, B., Gourly, J. J., Liu, J., Ren, L., Wang, W., Hong, Y., Zhang, J., 2019. Impact of the Crucial Geographical and Climatic Factors on the Input Source Errors of GPM-based Global Satellite Precipitation Estimates. *J. Hydrol.* 575: 1-16, <https://doi.org/10.1016/j.jhydrol.2019.05.020>.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2019-547>, 2020.

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