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Open Access Earth System Science Data Discussions

Interactive comment on "An integration of gauge, satellite and reanalysis precipitation datasets for the largest river basin of the Tibetan Plateau" *by* Yuanwei Wang et al.

Anonymous Referee #1

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Overall, I believe this is an excellent work, and will be a highly cited paper. The Upper Brahmaputra River Basin is a very important region to both China and South Asia, and is also an important region for studying the Tibetan Plateau, which is considered as 'The Water Tower of Asia'. The sparse gauge observation data in this region have caused troubles to many scientific studies. The academic community has been expecting a study to integrate various sources of data to develop a better datasets with high spatial and temporal resolutions. This paper fulfils this expectation. The authors used in situ gauge data and hydrological model simulation to evaluate the developed data. The approaches used are rigorous, and the results show the dataset is promising in water related studies. The presentation and literature review are also very good. This

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Discussion paper

paper should be accepted.

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