

## ***Interactive comment on “Spatial Extent of Future Changes in the Hydrologic Cycle Components in Ganga Basin using Ranked CORDEX RCMs” by Jatin Anand et al.***

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Response to Comments of Reviewer # 1

Comment: Is the calibration and validation of SWAT done with monthly data? How do the authors make inferences on extremes with monthly data?

Response: The calibration and validation of SWAT model was done using monthly data. SWAT allows the users to compile the model results on daily, monthly and yearly basis. The model is always run on the daily basis, however in the present case it was the water balance of the basin that was the focus of the climate change impacts,

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monthly period for calibrated and validated of the model was considered. The simulated daily flows can be used to make analyse for extremes.

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