

Interactive comment on “Long-term groundwater recharge rates across India by in situ measurements” by Soumendra N. Bhanja et al.

Anonymous Referee #1

Received and published: 17 July 2018

Very interesting paper and should be published but I have some minor comments that should be addressed

(1) Figure 6 – why not show recharge gain and loss on the same figure? (2) Figure 9 – The R_n corresponds to some limited time period...can you compare the same time period for your estimation rather than provide the ranges? (3) How does this relate to the GRACE estimates in Rodell paper? I recall seeing huge losses of water in Northeast India (Punjab) – are there similarities or differences in the loss/gain of groundwater? (4) Figure 8 – can you make it bigger and put recharge and precipitation on the same plot?

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., [https://doi.org/10.5194/hess-2018-](https://doi.org/10.5194/hess-2018-313-RC1)

C1

313, 2018.

C2