

## ***Interactive comment on “Water balance modeling of Upper Blue Nile catchments using a top-down approach” by S. Tekleab et al.***

**S. Tekleab et al.**

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We would like to thank the first reviewer for the valuable suggestions for the improvement of the manuscript.

Comment #1 and #2

Response: We have edited and rephrase the paragraph as per the comments given.

Comment #3: Page 6857, you may look at including the following reference on spatial variation of annual rainfall on the Upper Blue Nile Basin "Abtew, W., A.M. Melesse and T. Dessalegne. 2009. Spatial, inter and intra-annual variability of the Upper Blue Nile Basin rainfall. Hydrological Processes, 23:3075–3082. DOI:10.1002/hyp.7419." This

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publication includes spatial distribution map for average annual rainfall.

Response: We have included the paper entitled Spatial, inter and intra-annual variability of the Upper Blue Nile Basin rainfall (Abtew et al., 2009).

Comment #4: Figure 5, the axis labels for Figure 5 plots are too small to read even with glass.

Response: We have made a correction on the graphs to make it visible.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 7, 6851, 2010.