

Geomorphological parameters of a catchment based on toposheets of different scale: A comparison

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■ **ABSTRACT** : Geomorphological parameters are a prerequisite in development of Geomorphological Instantaneous Unit Hydrograph. In this study geomorphological parameters of the catchments of river Bino, a tributary of Ramganga river, located in the Himalayan region in India, was explored manually by utilizing a combination of toposheets on Inch and Quarter inch scale. Comparison was made to know how the parameters changed with scale of toposheets. It was found that most of the parameters varied little but, basin order and main stream length varied significantly.

■ **KEY WORDS** : Bino, Ramganga, Himalayan, Catchment, Geomorphologic parameters

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