

Precipitation study of Makalu area

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ABSTRACT:

Four rainfall stations were installed in Makalu area of Sankhuwasabha district in eastern region. The study period was 108 days (June 16 –October 1) of monsoon of 2003. The measured rainfall in the study area is used to investigate the rainfall pattern over this area. Spatial and temporal distribution, the number of rainy days, intensity of rainfall and diurnal variation of monsoon rainfall of 2003 are presented herein. The region is one of the high pockets in Nepal receiving extremely high rainfall that increases with elevation. Most of the monsoon period is wet with rainfall occurring mostly during late evenings and nights.

Keywords: Temporal variation, spatial distribution, diurnal variation, monsoon
