Study on annual and seasonal rainfall variability- Bhalki Tazluk of north eastern transitional zone (Karnataka)

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Summary

The analysis of daily rainfall data of thirty five years (1976-2010) indicate that the average annual rainfall for the Bhalki region will be 884.3 mm with coefficient of variation of 23 per cent indicated that the annual rainfall was more or less stable over the years. The rainfall during 1986-1990 the SD (282.5 mm) was more with a CV of 27 per cent indicating more variability and dependability even though the mean rainfall (1033.8 mm) was higher when compared to other periods. During the months of south west monsoon (SWM) season (June -September) the rainfall ranged from the lowest 326.3 mm in 1994 to the highest 1076.7 in 2010 as against the normal SWM rainfall of 683.5 mm. The analysis of past 35 year’s rainfall data revealed that, there was no single severe drought year.

Key words : Annual and seasonal rainfall