

78. **Tiwari, A.K., Sharma, A.K. and Srivastava, M.M. 1992.** Probability analysis of rainfall data of Datia district Bundelkhand for crop planning. *Indian J. Soil Conserv.*, 20(3): 82-88.

Analysis of rainfall data of Datia (Bundelkhand region in Madhya Pradesh) from 1968 to 1986 revealed that the average rainfall is 861 mm spread over 37.5 rainy days (rainfall > 2.5 mm). 90% of rainfall is received in the monsoon period (June to September) with average rainfall of 68, 292, 294 and 115 mm for June, July, August and September, respectively. Yearly, monthly and weekly rainfall variability indicated that weekly rainfall of 20 mm is expected from 27th to 33rd standard meteorological weeks (2nd July to 19th August) at 70 percent chance barring the weekly rainfall greater than 10 mm is available from 27th week. It is suggested that maturity period of 12 to 14 weeks can give optimum yield.