

42. **Jeevarathanam, K. and Jayakumar, M. 1979.** Probability analysis of annual maximum daily rainfall for Ootacamund. *Indian J. Soil Conserv.*, 7(1):10-16.

Probability analysis of rainfall has been done by using 60 years' (1918 to 1977) rainfall data for Ootacamund (Tamil Nadu). The three probability distribution functions viz. Gumbel distribution, Log Pearson Type III distribution and Log Normal distribution have been compared with observed data. The Log Pearson Type III distribution giving the close fit to the observed data is found most suitable.