

series (10, 20 and 50 years) were prepared which may be utilized in determining one day maximum rainfall for the ungauged sites in the region.

5. Agarwal, M.C., Ram Babu and Nirmal Kumar. 1991. Frequency distribution of plot yields on natural grasslands-Nilgiri hills. *Indian J. Soil Conserv.*, 19(3):94-96.

In the present investigation, an attempt has been made to find out the nature of the frequency distribution of yield on data collected in natural grasslands of Nilgiri hills in 1980. The study reveals that the plots of 8 m² and 12 m² with compact shape follow the assumption of normal law, and therefore, are recommended for field experiments in natural grasslands *Cenchrus-Bothriochloa-Ischemum* sub-type under broad *Sehima-Dichanthium* type of