

986. **Das, D.C., Raghunath, B. and Poornachandran, G. 1967.** Rainfall and climatic associates in relation to Soil & Water Conservation at Ootacamund (Part III)- Rainfall intensity energy and erosion index. *J. Agril. Engg. ISAE*, iv(2):9-18.

Deals with hydrological studies pertaining to Ootacamund (Nilgiris). For computation of rainfall intensity, the selected duration is observed to be 5 minutes. 32.51% of annual rainfall is received as drizzle and below 0.5 inches and only 10.02% as severe. Pre-monsoon and north-east monsoon contribute to greater percentage of severe rains. The months of July, October and May, and south-west and north-east monsoons recorded high kinetic energy. The regression of rainfall energy on rainfall amount is found to be highly significant. During the months of May, October and November, a soil cover is necessary to guard against impact of more severe rains. During June and July, the rain water is to be managed in such a way that greater infiltration and less soil erosion take place.