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859. **Agnihotri, Y., Bagai, O.P. and Dhruva Narayana, V.V. 1990.** Statistical models and their inter-comparison for estimation of runoff volume from small Shiwalik watershed. Pre-session Volume, Third IWRS National Symposium on "Watershed Development and Management", CSAU Kanpur, Feb. 2-4, 1990: 246-253.

Models like multiple regression (linear and multiplicative), stepwise regression (linear and multiplicative) and principal components regression analysis were employed in the present study for estimation of runoff volume from small Shiwalik watersheds. Attempts were made to select the best of the models used in the study.