

952. **Singh, O.P. and Dhruva Narayana, V.V. 1982.** Rainfall-runoff behaviour of an alkali soil watershed modified due to reclamation. Paper No. 649 P. Abstracts. Voluntary paper, 12th Internl. Congress of Soil Science, New Delhi, India: 199.

In this paper a mathematical model based upon the instantaneous unit hydrograph concept has been developed for predicting the runoff hydrographs of alkali soil watershed with different fractions of reclaimed area. A procedure for developing the design hydrographs has been explained based upon the developed model.