

13. **Bansal, R.C., Agnihotri, Y. and Prahlad Singh. 1982.** Erosion indices in a deficit rainfall year. *Indian J. Soil Conserv.*, 10(2&3):23-28.

The distribution of the erosion index over storms of different characteristics and crop growth periods was studied during 1979 drought year. The stormwise relationships between Rainfall and Kinetic Energy, Rainfall and Erosion Index and Kinetic Energy and Erosion Index have been determined. The relationship between Rainfall and Kinetic Energy appears to be better than the one between Rainfall and Erosion Index. A single storm of 76 mm accounting for about 7.5% of the annual rainfall resulted in an EI of 130.4 which is nearly 20% of the annual total. The role of storms of less than 12.5 mm rainfall in generating erosive energy has been worked out. The criteria for separation of storms for determining erosion characteristics of rainfall has been discussed.