86. A study of the areal distribution of rainfall during rainstorms in the Mahanadi catchment.

P. C. MAHALANOBIS *and* ANIL CHANDRA NAG, Calcutta.

About 40 storms (year maximum for the period 1891–1929) have been analysed in great detail for periods of 3, 4, and 5 consecutive days. The average and limiting intensities of precipitation have been calculated separately for five sections as well as the whole of the Mahanadi catchment. It has been found that the intensity-area curves can be graduated fairly well by third order parabolas.