

A PRELIMINARY INVESTIGATION OF THE RAINFALL
DURING THE YALA AND MAHA AGRICULTURAL SEASONS

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Monthly rainfall data during the 84-year period from 1901 to 1984 of the five districts Anuradhapura, Batticaloa, Hambantota, Kandy and Kurunegala were analysed.

The ratio of rainfall during the Maha agricultural season (September to March) to the rainfall during the Yala season (April to August) was found to be 6.7 (the highest) in the case of the Batticaloa district and 1.5 (the lowest) in the case of the Kandy district.

Maha season rainfall was found to be less variable than the Yala season rainfall in all the districts considered.

A correlation analysis revealed that, in all the districts under investigation, there was no correlation between

- (i) The Yala and Maha rainfall of the same year
- (ii) the Yala rainfall of the current year and the Maha rainfall of the following year, and
- (iii) the Maha rainfall of the current year and the Yala rainfall of the following year.

References

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