

**CLIMAT: A USER FRIENDLY PROGRAM TO ANALYSE
CLIMATOLOGICAL VARIABLES FOR AGRICULTURAL PURPOSES**

T.S.G. Peiris, J.D.J.S.Kularatne & D.T. Mathes
Coconut Research Institute, Lunuwila.

The continuous daily rainfall and other climatological variables provide much information for agriculturalists only if the results generated can be used in solving operational problems. These areas have not been exploited mainly due to the lack of user friendly computer software.

In this study an interactive and a robust computer program has been designed to maintain an efficient database and to analyse climatological data generally recorded daily by agricultural research institutes. This program is flexible because it has the option to computerize any number of climatological variables, depending on the users requirements. Some of the main features that can be obtained from this program are summary information of those variables over different time scales. The output generated by the program is simple. The program is capable of handling missing data. Use of this program is illustrated with climatological data from Bandirippuwa Estate of the Coconut Research Institute of Sri Lanka.

The program has been developed in D Base III and compiled in Clipper compiler and runs on any IBM or compatible PC with the minimum configuration of 64K RAM.