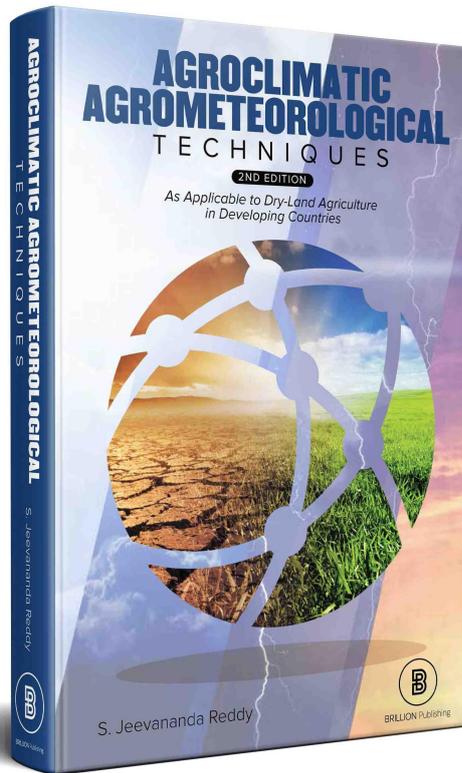




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CONTENTS:

1. Introduction
2. Evaporative Demand
3. Climatic Classification
4. Agroclimatic Analysis Techniques for Dry-Land Agricultural Planning and Operations
5. Agrometeorological Techniques for Crop Early Warning and Drought Monitoring
6. Annexure: Some aspects of Meteorology & Climatology

AGROCLIMATIC AGROMETEOROLOGICAL TECHNIQUES

2ND EDITION

*As Applicable to Dry-Land Agriculture
in Developing Countries*

Rainfed agriculture produces much of the food consumed globally and by poor communities in developing countries. Majority of the developing countries are located in tropical warm zones; wherein the water is the major limiting factor which is at the “Mercy of Rain God”. Agriculture is the backbone of developing countries with more than 70% of the working population engaged in this sector. The dependence of the majority of farmers on rainfed agriculture and pastures has made the economy extremely vulnerable to the vagaries of weather. The socio-economic impacts of food insecurity are explicitly linked to vulnerability.

Features:

- The book is intended to provide guidance to students and assist scientists on the practical application of some of the agrometeorological and agroclimatological tools in the area of short- and long-term agricultural planning as well as on the crop early warning and the drought monitoring with reference to dry-land agriculture in developing countries.
- To achieve such a goal presented natural variability in precipitation; a major component of climate change along with this presented in Annexure some basic aspects of meteorology and climatology.
- The other important area dealt in the book is the quantification and classification of agroclimate that facilitate transfer of location specific agricultural technologies developed by scientists from field trials & innovation technologies developed by progressive farmers.

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