

C-11: Drought forecast in the year 2001 AD

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This paper describes the droughts in Sri Lanka and the parameters which affect the droughts in general. The historical continuity of food crops for dry zone and wet zone is taken separately. Various factors which lead to the existence of low rainfall is considered in detail.

The astronomical features are described and research was conducted to find the cloud formation in relation to the position of the moon and other planets. The position of the sun and how it affects the rainfall in every month was considered. A comparison of rainfall figures with planetary position was provided.

Necessary formula was derived and the prediction of drought is considered with heavy effect in 2001 for Sri Lankan atmosphere. The drought will affect crops in general and probable disaster is forecasted for 2001 AD.