PRECIPITATION PROBABILITIES IN BOA VISTA-RR[1]

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Monthly precipitation probabilities were computed for Boa Vista-RR, Brazil. Besides, using values of the moisture availability index (MAI), the climate and productivity of the area were classified. The results of this study showed that, at 75% probability level, there exists 4 months (may, june, july and august) with depths of rainfall above 120mm and 2 (april and september) above 50mm. This means that the growing season in this area can be extended to 6 months, with april and september (both having low crop evapotrans pirative demands) opening and closing the cycle. Due to severe climatic limitations (5 to 6 dry months), it is not recommended to grow perennial crops in this locality. Finally, the climate of the area is humid-dry and possible e productivity, under rainfed agriculture, for crops that require a good soil - moisture level during at least five months.