

Application of the SARIMA model class for monthly accumulated rainfall forecast in the city of Aracaju/SE

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Abstract: *The objective of this study is to investigate the patterns of monthly accumulated precipitation of the city of Aracaju, through the SARIMA models. Precipitation data showed a decreasing trend and annual seasonality. The fitted of the SARIMA models proved to be an adequate alternative for forecasting precipitation in this city.*

Keywords: Time series; Software R; Rainfall.

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