Application of recurrence analysis in the daily precipitation for the city of Vitória de Santo Antão / PE.

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Abstract: The objective of this work was to analyze and compare the similarity of the daily precipitation series, using the method of recurrence chart analysis (RP) and recurrence quantification (RQA), for the periods before (1995 to 2004) and after (2005 to 2015) of 2005 flood.

Keywords: Rainfall; Recurrence plot; Recurrence quantification analysis.

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