



Monthly rainfall trends in Greece (1950 – 2012)

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Trends in monthly rainfall during the period from 1950 to 2012 and the variability thereof in space and time are investigated. The time series analysed are from 120 stations and cover mainly the continental part of Greece. To estimate their trends, linear regression is used for each time series separately for: (a) the entire record length (1950 – 2012) and (b) for each half of the period (1950 – 1981 and 1982 – 2012). A spatially aggregated time series of rainfall over Greece is also produced and its correlations with climatic features of the northern hemisphere are explored.