Abstract

The metadata collection and analysis is a fundamental aspect in the study of historical series of meteo-climatic variables. The results obtained for the Santo Domingo measurement station, which belongs to the National Meteorological Office (ONAMET, according to the Spanish acronym), show that to improve the collection and organization of metadata associated to meteorological stations is a key issue. The identified information and data do not show incoherence with the statistical-numerical analysis which was carried out. The following trends can be estimated for Santo Domingo: 6.8±3.5 mm/year for total annual precipitation in the period 1939-2007; +3.0±0.5°C and +1.8±0.4°C respectively for minimum and maximum average annual temperature in the period 1936-2007.

Keywords

Metadata, thermopluiometric series, meteorological variable, climatic trends metadata Meteorology ONAMET, Dominican Republic.