CLIMATE DATA COLLECTION

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COUNTRY: JAMAICA

INTRODUCTION OF THE COUNTRY

- **Jamaica is the third largest island in the Caribbean with an approximate area ... ately 2000 square miles ... 2,256m above sea level, with ... the coast thus making them ... omy is pre-dominantly s... bauxite, tourism, agri...**

- **Jamaica has ... and reggae to the world thr... Jimmy Cliff. Sport loving ... mpics, World Championsh...**

- **Jamaica co... asting Blue Mountain Co... man (Usain Bolt).**

CLIMATE DATA HISTORY

- **Climate data collection began in Jamaica in the 1880s and has continued to present, with many changes. The sugar plantations have been responsible for most of climate data collection to date and recent happenings have resulted in data gaps. Precipitation has the longest record , followed by temperature, sunshine and wind.**

VARIABLES COLLECTED
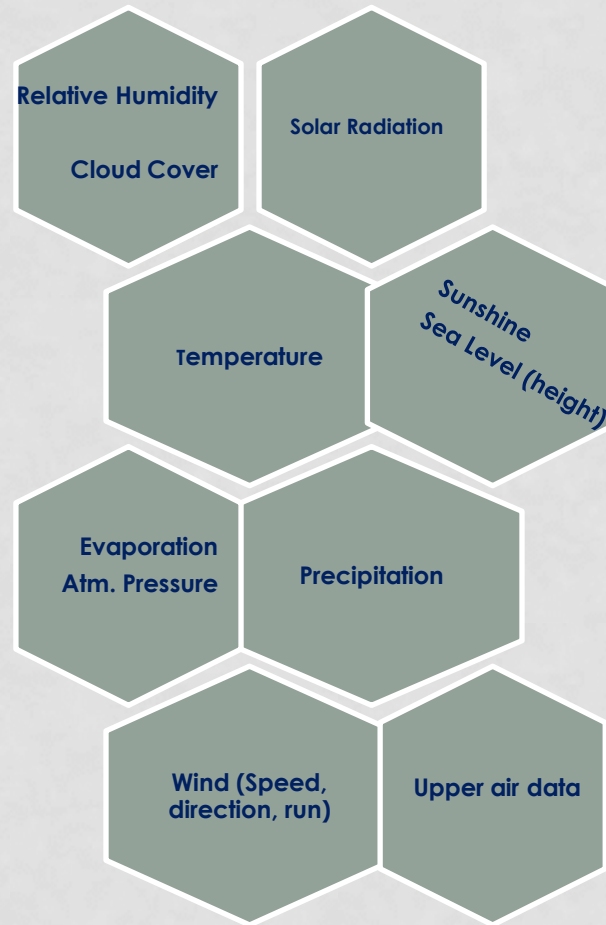
CHALLENGES ENCOUNTERED

- **Accumulation of rainfall data due to inability to access station during extreme weather events.**

- **High maintenance costs which sometimes result in prolonged down time of station.**

- **Sensors developed for automated stations go bad sometimes or don't work properly (possibly because they were developed for different climatic conditions).**

- **Loss of stations through theft, death of observer or change in management of companies.**

INFRASTRUCTURAL CHANGES

- **Introduction of more automatic weather station to reduce problems with manual stations and also to have real time data.**

- **Establish a database to better manage incoming/outgoing data.**