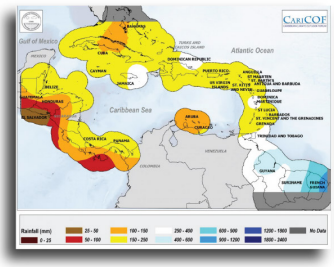
CARIBBEAN CLIMATOLOGY

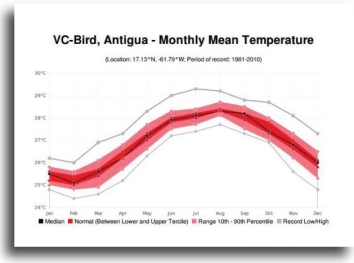
What is it?

- Online archive of weather station-based characteristics of Caribbean climate, covering rainfall and temperatures.
- Regional maps showing historical averages of three-monthly rainfall at a glance.
- Monthly and three-monthly rainfall and temperature statistics and records for each territory. These are listed by weather station for a detailed historical context of seasonal climate variations.
- These weather station statistics and records are also made available for the 1981-2010 historical reference period ('reference climatologies') as well as for the entire period of record ('extended climatologies') of each station.

Where to find it

Caribbean Climatology is updated monthly ('extended climatologies') or every decade ('reference climatologies'). View and download it at: http://rcc.cimh.edu.bb/ climate-monitoring/ caribbean-climatology/





How it can help you

Caribbean Climatology can further decision-making processes in the region's climate-sensitive sectors by providing an awareness of the characteristics of climate in the Caribbean, providing points of reference for when climate varies or is expected to vary from the norm. Such evidence is made accessible for rainfall as well as minimum, mean and maximum temperature measurements. It can help:

THE AGRICULTURE SECTOR use station information to identify the limiting factors, related to heat and water availability, on crop and livestock production in different parts of the region.

THE DISASTER MANAGEMENT SECTOR depict the usually expected rainfall and temperatures in a given month or season as situational knowledge for enhanced early warning systems.

THE ENERGY SECTOR provide inputs for models that map energy production efficiency across the seasons and geographies given local heat constraints as well as potential hydropower production.

THE HEALTH SECTOR provide inputs for models that map pathogen and disease prevalence, and environmental health.

THE TOURISM SECTOR deliver weather statistics to tourists so they can select ideal holiday destinations and plan vacations.

THE WATER SECTOR integrate rainfall data for infrastructure development including reservoirs and dams.

BRCCC PROGRAMME
Programme for Building Regional Climate Capacity in the Caribbean

This sheet was produced to help the six targeted Caribbean climate-sensitive sectors understand how our climate products can support their decision making.

For more information visit: rcc.cimh.edu.bb
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