

PROTOTYPE flash flood potential outlook – April to June 2023

Dr. Cedric VAN MEERBEECK, Janice REID

Caribbean Institute for Meteorology and Hydrology (CIMH), Barbados






Picture credits: Barbados Today; Rosalind Blenman (Barbados Met Service, Desiree Neverson SVG Met Office; <https://www.cnc3.co.tt/press-release/rowley-national-disaster>; <https://reliefweb.int/report/trinidad-and-tobago/trinidad-and-tobago-floods-flash-note-no-01-24-october-2018>



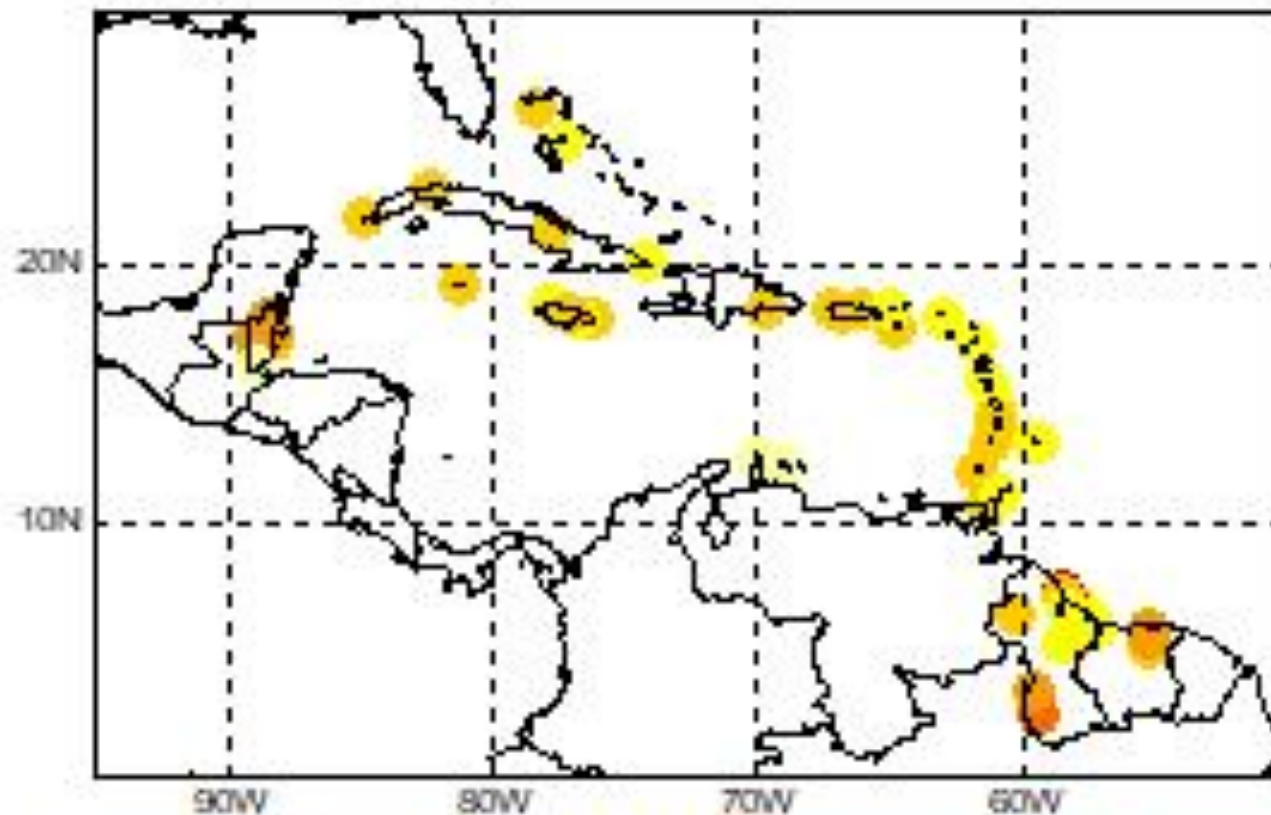
caricof@cimh.edu.bb



Flash flood potential associated with excessively wet days – in **Apr.-May.-Jun. 2023**










Flash flood potential	Colour codes	Chance of excessive rainfall event
EXTREMELY HIGH		>80%
HIGH		50-80%
MODERATE		20-50%
SLIGHT		10-20%
MARGINAL		0-10%

Flash Flood Potential in Apr-May-Jun 2023

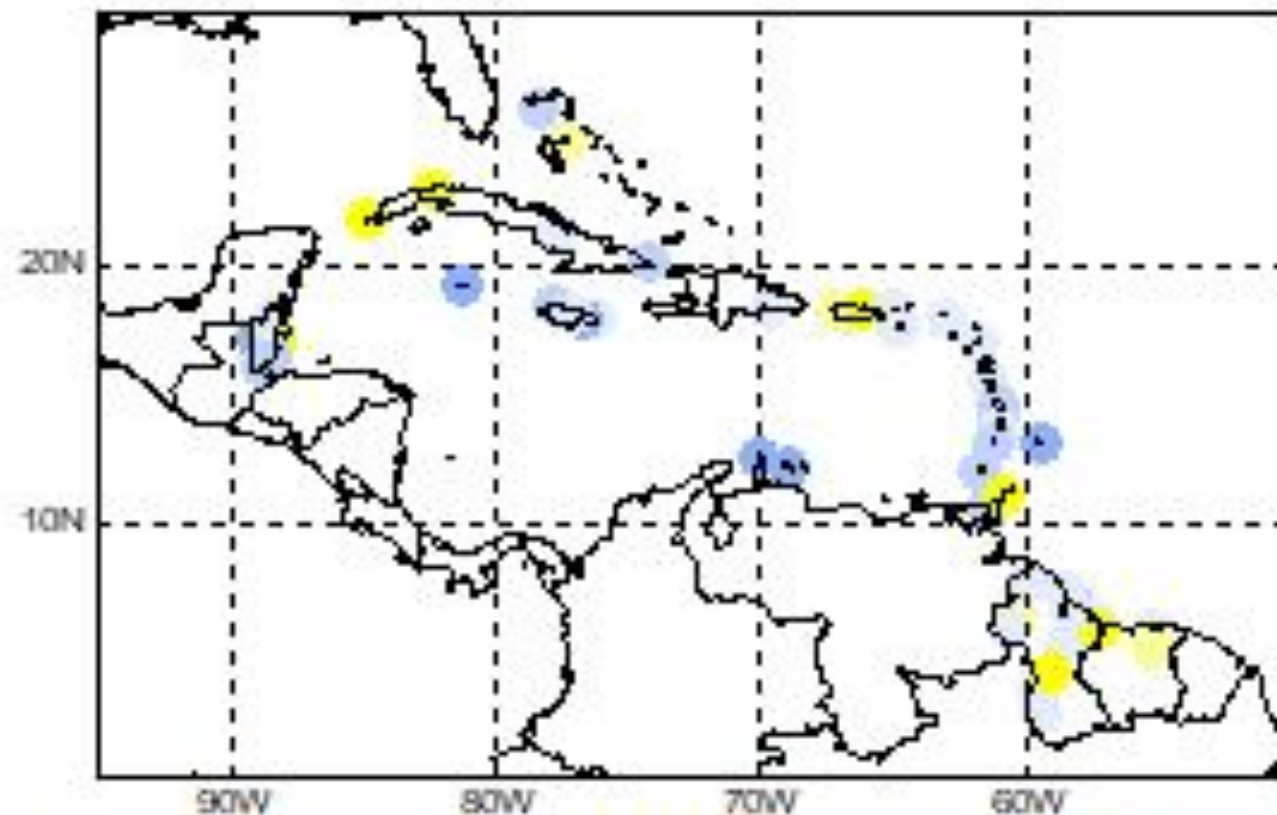


FORECAST: High to extremely high flash flood potential in northern Guyana; moderate to high potential across the remainder of the region.

Flash flood potential associated with excessively wet days – zooming in on **April 2023**

Flash flood potential	Colour codes	Chance of excessive rainfall event
EXTREMELY HIGH		>80%
		
HIGH		50-80%
		
		
MODERATE		20-50%
		
SLIGHT		10-20%
MARGINAL		0-10%

Flash Flood Potential in April 2023



FORECAST: Slight to moderate flash flood potential in the northern Bahamas, Western and Central Cuba, across the Guianas, the Leeward Islands, in Puerto Rico and Trinidad & Tobago; marginal to slight potential in most other areas.



CARICOF
CARIBBEAN CLIMATE OUTLOOK FORUM

**Regional climate data, information, tools,
experimental and operational products
are available at
rcc.cimh.edu.bb**

Coordination:
Contact:
Authors:

Caribbean Institute for Meteorology & Hydrology

caricof@cimh.edu.bb

Dr. Cédric J. Van Meerbeeck – *Climatologist*

(cmeerbeeck@cimh.edu.bb)

and Mrs. Janice Reid – *Intern (ClimSA)*

The prototype for this product was developed with the generous support
of the American People through the USAID funded BRCCC Programme in 2017.

Development Team: Dr. Cedric J. VAN MEERBEECK¹ (cmeerbeeck@cimh.edu.bb), Dr. Simon MASON²,
Dr. Hannah Nissan², Dr. Teddy ALLEN², Ms. Wazita Scott¹

¹Caribbean Institute for Meteorology and Hydrology (CIMH), Barbados

²International Research Institute for Climate and Society (IRI), USA



CARICOF
CARIBBEAN CLIMATE OUTLOOK FORUM