PROTOTYPE flash flood potential outlook

February to April 2024

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TS Erika triggered flash floods and landslides in Dominica August 2015 →→→

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





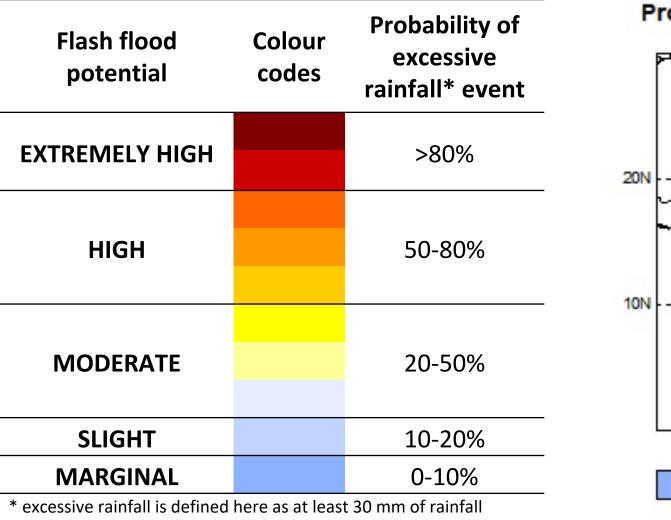
Organization

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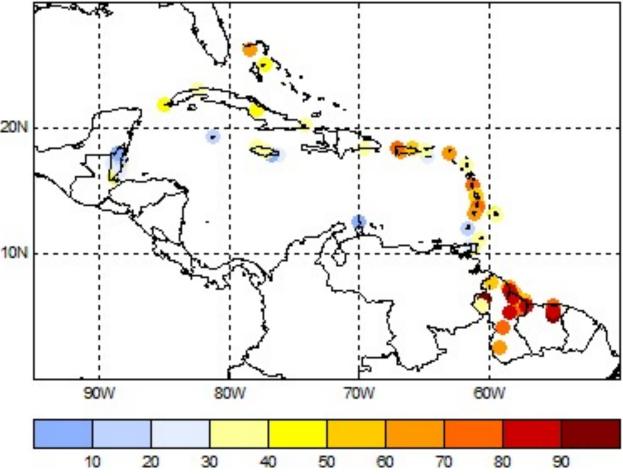




Flash flood potential associated with excessive rainfall* in Feb.-Mar.-Apr. 2024



Probability excessive rainfall event Feb. to Apr. 2024



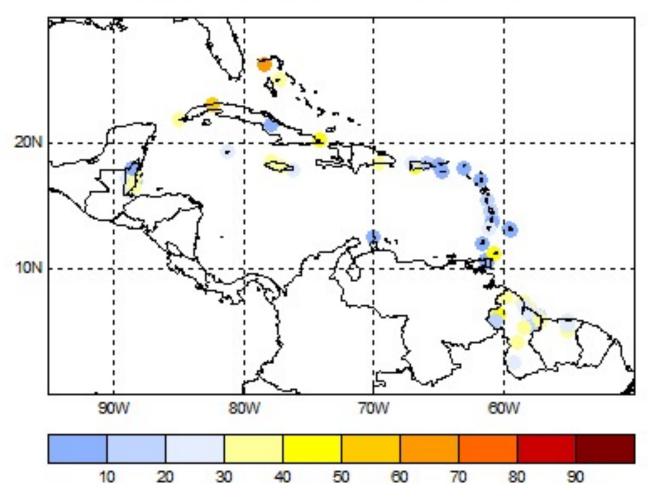
within a 24-hour period

High to extremely high flash flood potential in the Guianas; FORECAST: moderate to high potential in The Bahamas, southern Belize, the Greater and Lesser Antilles; marginal to slight potential in the ABC Islands and northern Belize.

Flash flood potential associated with excessive rainfall* zooming in on February 2024

Flash flood potential	Colour codes	Probability of excessive rainfall* event
EXTREMELY HIGH		>80%
HIGH		50-80%
MODERATE		20-50%
SLIGHT		10-20%
MARGINAL		0-10%
* excessive rainfall is defined here as at least 30 mm of rainfall		

Probability excessive rainfall event in Feb. 2024



* excessive rainfall is defined here as at least 30 mm of rainfa within a 24-hour period

FORECAST: Moderate to high flash flood potential in The Bahamas, far northern Cuba; moderate potential in southern Belize, Dominica, the Greater Antilles, southern Belize, the Guianas, St. Vincent, Tobago; marginal to slight potential elsewhere.





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

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