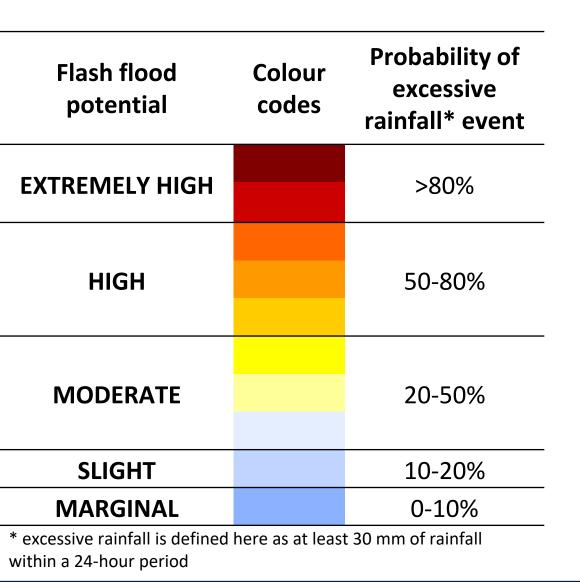


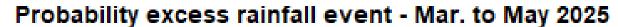
Picture credits: Barbados Today; Rosalind Blenman (Barbados Met Service, Desiree Neverson SVG Met Office; https://reliefweb.int/report/trinidad-and-tobago/trinidad-and-tobago/trinidad-and-tobago/trinidad-and-tobago-floods-floads-note-no-01-24-october-2018

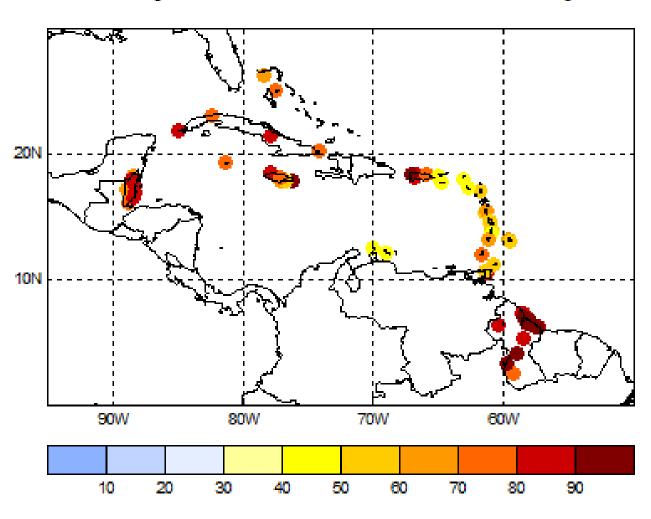




Flash flood potential associated with excessive rainfall* in Mar. – Apr. – May 2025





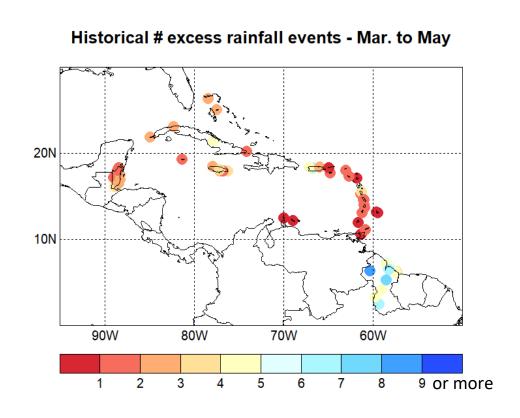


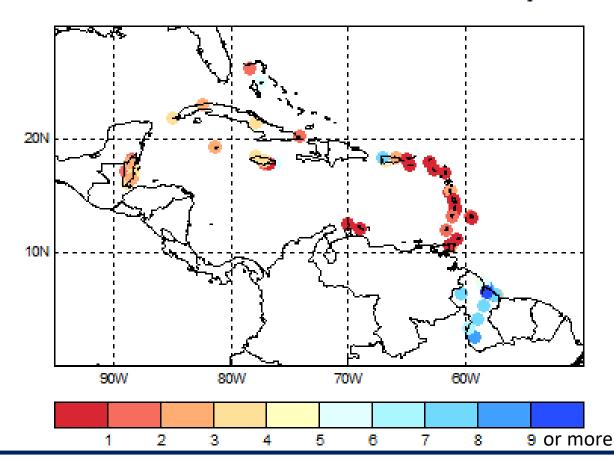
FORECAST: High to extremely high flash flood potential in Belize, Cuba, Guyana and Puerto Rico; moderate to high potential in Antigua, The Bahamas, northern and central Belize, Greater and Lesser Antilles; moderate potential in the ABC Islands, Sint Maarten, St. Kitts.

Number of excess rainfall events* that could trigger flash floods in Mar. – Apr. – May 2025

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

Forecast # excess rainfall events - Mar. to May 2025





Historically: Guyana at least 4 excess rainfall events; The Bahamas, southern and central Belize, most mountainous areas in the Antilles 2-4 events; northern Belize, Cayman Islands, Sint Maarten, St. Kitts, Tobago up to 2 events; relatively flat, low-lying areas in the Antilles up to 1 event.

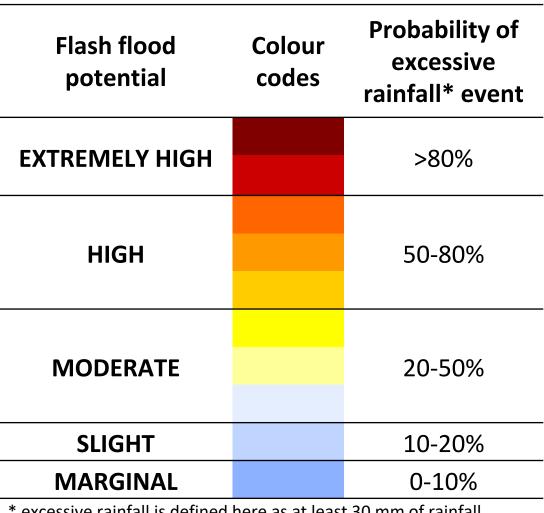
FORECAST: A notable increase in the number of excess rainfall events forecasted for northern Belize, Guyana, western Jamaica, westernmost Puerto Rico. Little change from the historical norm in most other areas.

Number of excess rainfall events* that could trigger flash floods in Mar. – Apr. – May 2025

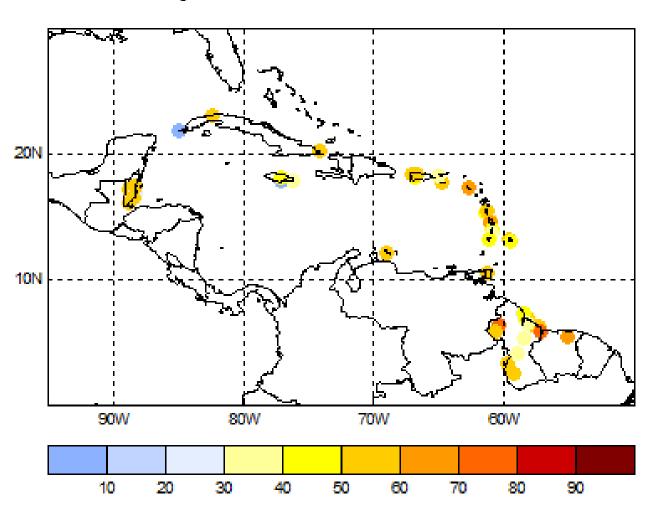
* excessive rainfall is defined here as at least 30 mm of rainfall within a 24-hour period

	excessive familian is defined here as at least 50 min of familian within a 21 mour period						
Country/Territory	(Island-) Station	MAM 2025	range	Country/Territory	(Island-) Station	MAM 2025	range
Antigua & Barbuda	Antigua VC Bird	1	(0-3)	Guyana	Georgetown	7	(3-10)
Aruba	Beatrix	0	(0-4)	Guyana	Great Falls	8	(1-14)
Bahamas	Freeport	2	(0-5)	Guyana	Leon Front	8	(5-12)
Bahamas	LPIA	5	(0-12)	Guyana	Lethem	6	(2-10)
Barbados	CIMH	1	(0-4)	Guyana	McNabb	6	(2-10)
Barbados	GAIA	1	(0-5)	Guyana	New Amsterdam	8	(3-13)
Belize	Belmopan	2	(0-4)	Guyana	Onderneeming	6	(2-9)
Belize	Central Farm	1	(0-4)	Guyana	Rose Hall	8	(3-12)
Belize	Libertad	1	(0-3)	Guyana	Surama	7	(3-11)
Belize	Melinda	4	(1-7)	Guyana	Timehri	10	(6-14)
Belize	PG Airport	3	(1-6)	Jamaica	Bodles	1	(0-4)
Belize	Punta Gorda	3	(0-8)	Jamaica	Duckenfield	5	(2-9)
Belize	Savannah	3	(1-5)	Jamaica	Manley	1	(0-3)
Belize	Towerhill	3	(0-5)	Jamaica	Sangster	3	(0-6)
Cayman	Grand Cayman Meteo	2	(0-5)	Jamaica	Worthy Park	3	(0-7)
Cuba	Cabo San Antonio	3	(0-7)	Martinique	Fort de France Desaix	1	(0-4)
Cuba	Casablanca	3	(0-5)	Martinique	Lamentin Aeroport	1	(0-5)
Cuba	Camaguey	3	(0-6)	Puerto Rico	Adjuntas	3	(0-7)
Cuba	Punta de Maisi	2	(0-4)	Puerto Rico	Arecibo Observatory	5	(1-10)
Curaçao	TNCC	0	(0-4)	Puerto Rico	Coloso	7	(2-12)
Dominica	Canefield	1	(0-3)	Puerto Rico	San Juan	2	(0-5)
Dominica	Douglas Charles	2	(0-7)	St. Kitts & Nevis	St Kitts RLBAirport	0	(0-3)
Grenada	MBIA	1	(0-3)	Saint Lucia	GFLCharles	1	(0-3)
Guyana	Ashailton	8	(0-18)	Saint Lucia	Hewanorra	0	(0-4)
Guyana	Albion Front	4	(0-8)	Sint Maarten	TNCM	0	(0-3)
Guyana	Apaikwa	7	(0-15)	St. Vincent & the Grenadines	St Vincent ET Joshua	2	(0-5)
Guyana	Blairmont 7	6	(3-10)	Trinidad & Tobago	Trinidad Piarco	3	(0-5)
Guyana	Blairmont Front	8	(3-13)	Trinidad & Tobago	Trinidad UWI St Augustine	1	(0-3)
Guyana	Charity	4	(0-8)	Trinidad & Tobago	Tobago Crown Point	1	(0-3)
Guyana	De Kindren Back	7	(3-11)	USVI	St Croix	0	(0-2)
Guyana	Enmore Front	6	(2-10)	USVI	St Thomas	0	(0-3)

Flash flood potential associated with excessive rainfall* zooming in on **March 2025**



Probability excess rainfall event in March 2025



FORECAST: Moderate to high flash flood potential in Belize, Curação, the Guianas and mountainous areas in the Antilles; slight potential in the far western Cuba and a few locations in Jamaica.

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





Regional climate data, information, tools, experimental and operational products are available at

https://rcc.cimh.edu.bb

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