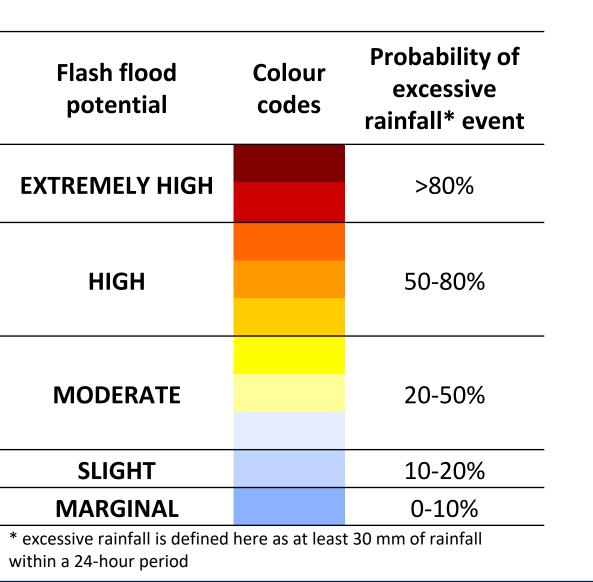


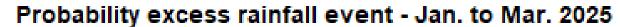
Picture credits: Barbados Today; Rosalind Blenman (Barbados Met Service, Desiree Neverson SVG Met Office; https://reliefweb.int/report/trinidad-and-tobago/trinidad-and-tobago/trinidad-and-tobago/trinidad-and-tobago/trinidad-and-tobago-floods-flash-note-no-01-24-october-2018

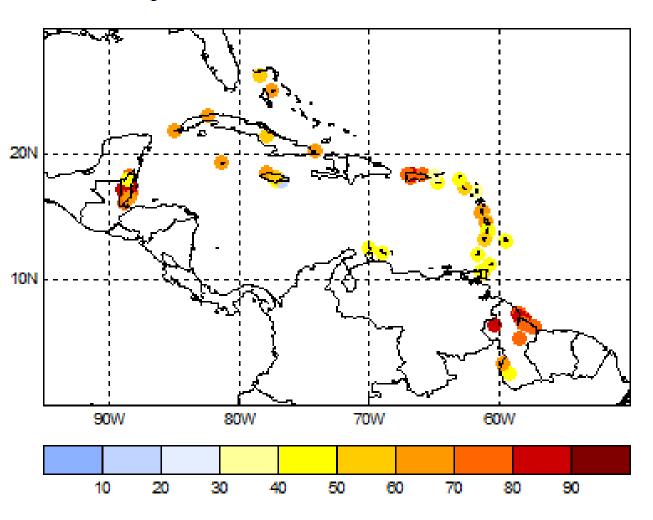




Flash flood potential associated with excessive rainfall* in Jan. – Feb. – Mar. 2025





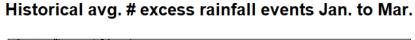


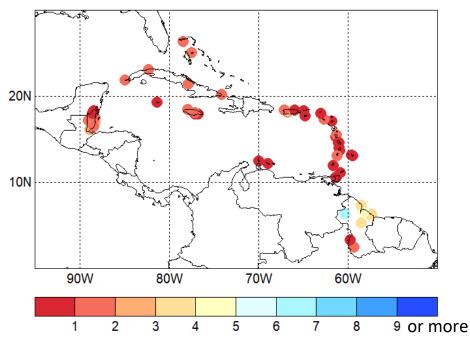
FORECAST: High to extremely high flash flood potential in central and southern Belize, Guyana and Puerto Rico; moderate to high potential in northern Belize, Dominica, Martinique, St. Kitts, St. Vincent, Trinidad; moderate potential elsewhere.

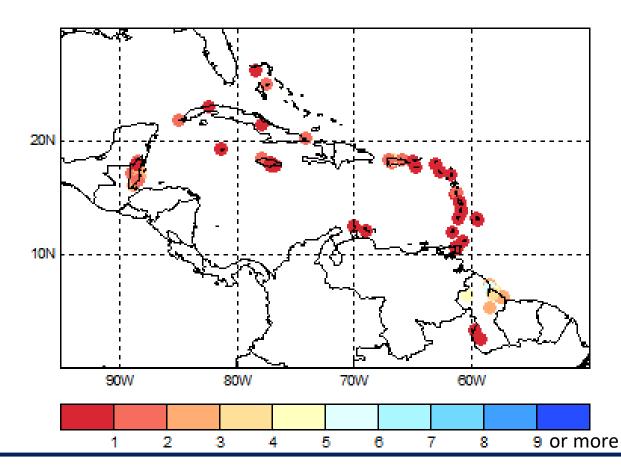
Number of excess rainfall events* that could trigger flash floods in Jan. – Feb. – Mar. 2025

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

Forecast # excess rainfall events - Jan. to Mar. 2025







Historically: Northern parts of the Guianas at least 3 excess rainfall events; The Bahamas, southern & central Belize, mountainous areas in the Antilles 1-3 events; ABC Islands, northern Belize, Cayman Islands, southwest Guyana, smaller/low-lying islands of the Antilles up to 1 event.

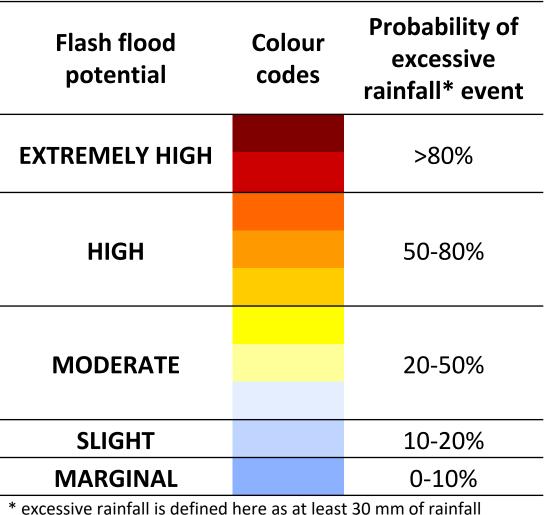
FORECAST: An increase in the number of excess rainfall events forecasted for Belize, coastal and far southwest Guyana, Trinidad. Little change from the historical norm in most other areas.

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

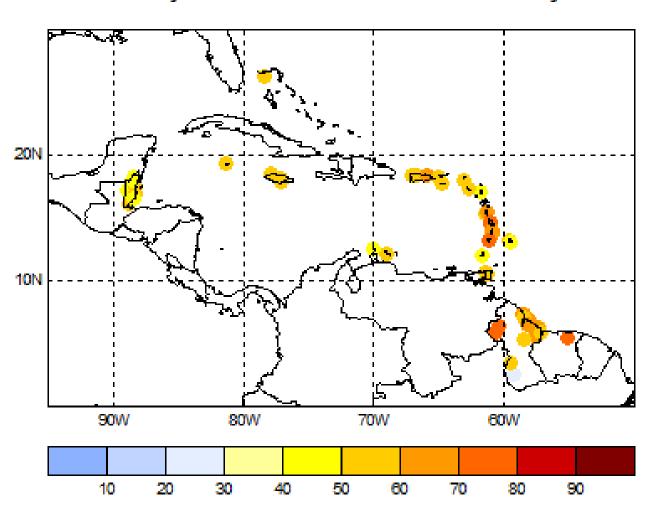
* excessive rainfall is defined here as at least 30 mm of rainfall within a 24-hour period

Country/Territory	(Island-) Station	JFM 2025	range	Country/Territory	(Island-) Station	JFM 2025	Range
Antigua & Barbuda	Antigua VC Bird	0	(0-2)	Guyana	Enmore Front	5	(0-11)
Aruba	Beatrix	1	(0-5)	Guyana	Georgetown	7	(0-15)
Bahamas	Freeport	1	(0-3)	Guyana	Great Falls	2	(0-7)
Bahamas	LPIA	2	(0-5)	Guyana	Leon Front	4	(1-8)
Barbados	CIMH	1	(0-2)	Guyana	Lethem	2	(0-4)
Barbados	GAIA	1	(0-2)	Guyana	McNabb	3	(0-6)
Belize	Belmopan	2	(0-3)	Guyana	New Amsterdam	6	(0-12)
Belize	Central Farm	3	(1-5)	Guyana	Onderneeming	6	(1-10)
Belize	Libertad	2	(0-4)	Guyana	Rose Hall	2	(0-5)
Belize	Melinda	5	(2-7)	Guyana	Timehri	6	(0-12)
Belize	PG Airport	5	(1-8)	Jamaica	Bodles	0	(0-2)
Belize	Punta Gorda	3	(0-6)	Jamaica	Manley	0	(0-10)
Belize	Savannah	2	(0-5)	Jamaica	Sangster	1	(0-4)
Belize	Towerhill	2	(2-3)	Jamaica	Worthy Park	0	(0-5)
Cayman	Grand Cayman Meteo	1	(0-2)	Martinique	Fort de France Desaix	1	(0-3)
Cuba	Cabo San Antonio	2	(1-4)	Martinique	Lamentin Aeroport	1	(0-3)
Cuba	Casablanca	2	(0-4)	Puerto Rico	Adjuntas	1	(0-3)
Cuba	Camaguey	0	(0-2)	Puerto Rico	Arecibo Observatory	1	(0-5)
Cuba	Punta de Maisi	1	(0-3)	Puerto Rico	Coloso	0	(0-2)
Curaçao	TNCC	0	(0-7)	Puerto Rico	San Juan	2	(0-4)
Dominica	Canefield	3	(0-6)	St. Kitts & Nevis	St Kitts RLBAirport	0	(0-5)
Dominica	Douglas Charles	2	(0-5)	Saint Lucia	GFLCharles	0	(0-3)
Grenada	MBIA	1	(0-5)	Saint Lucia	Hewanorra	0	(0-5)
Guyana	Ashailton	1	(0-5)	Sint Maarten	TNCM	1	(0-6)
Guyana	Albion Front	3	(0-6)	St. Vincent & the Grenadines	St Vincent ET Joshua	2	(0-6)
Guyana	Apaikwa	5	(0-9)	Trinidad & Tobago	Trinidad Piarco	3	(0-7)
Guyana	Blairmont 7	11	(6-16)	Trinidad & Tobago	Trinidad UWI St Augustine	2	(0-36)
Guyana	Blairmont Front	10	(4-16)	Trinidad & Tobago	Tobago Crown Point	2	(0-4)
Guyana	Charity	4	(0-9)	USVI	St Croix	0	(0-3)
Guyana	De Kindren Back	4	(8-0)	USVI	St Thomas	0	(0-2)

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



Probability excess rainfall event in January 2025



FORECAST: *Moderate to high* flash flood potential across most of the region; moderate potential in the far southwest of Guyana.

^{*} excessive rainfall is defined here as at least 30 mm of rainfal 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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