








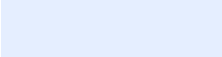
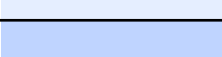
CariCOF Flash flood potential outlook – February to April 2025

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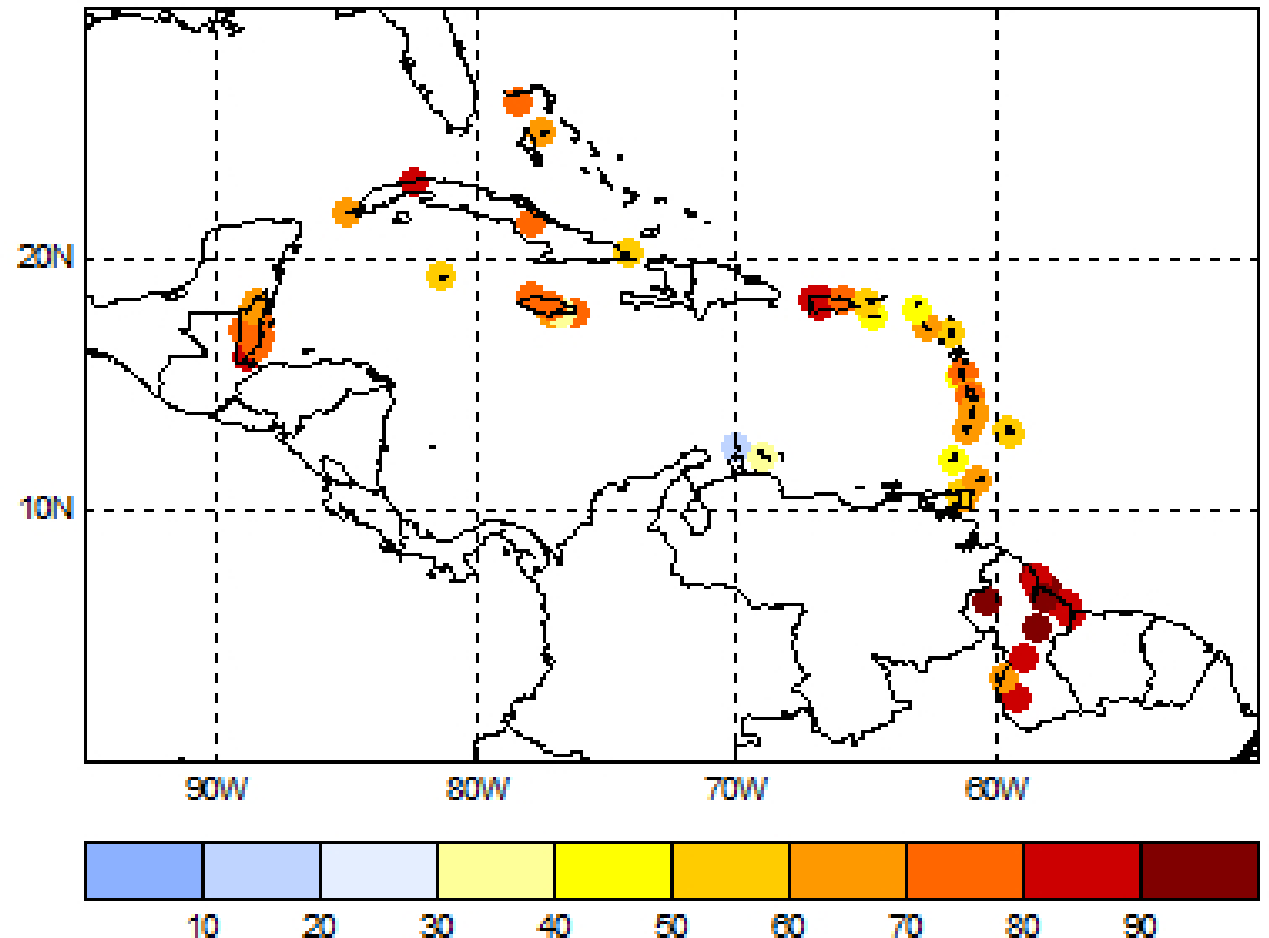
Picture credits: Barbados Today; Rosalind Blenman (Barbados Met Service, Desiree Neverson SVG Met Office; <https://www.cnc3.co.tt/press-release/rowley-national-disaster>; <https://reliefweb.int/report/trinidad-and-tobago/trinidad-and-tobago-floods-flash-note-no-01-24-october-2018>

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

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 within a 24-hour period

Probability excess rainfall event - Feb. to Apr. 2025



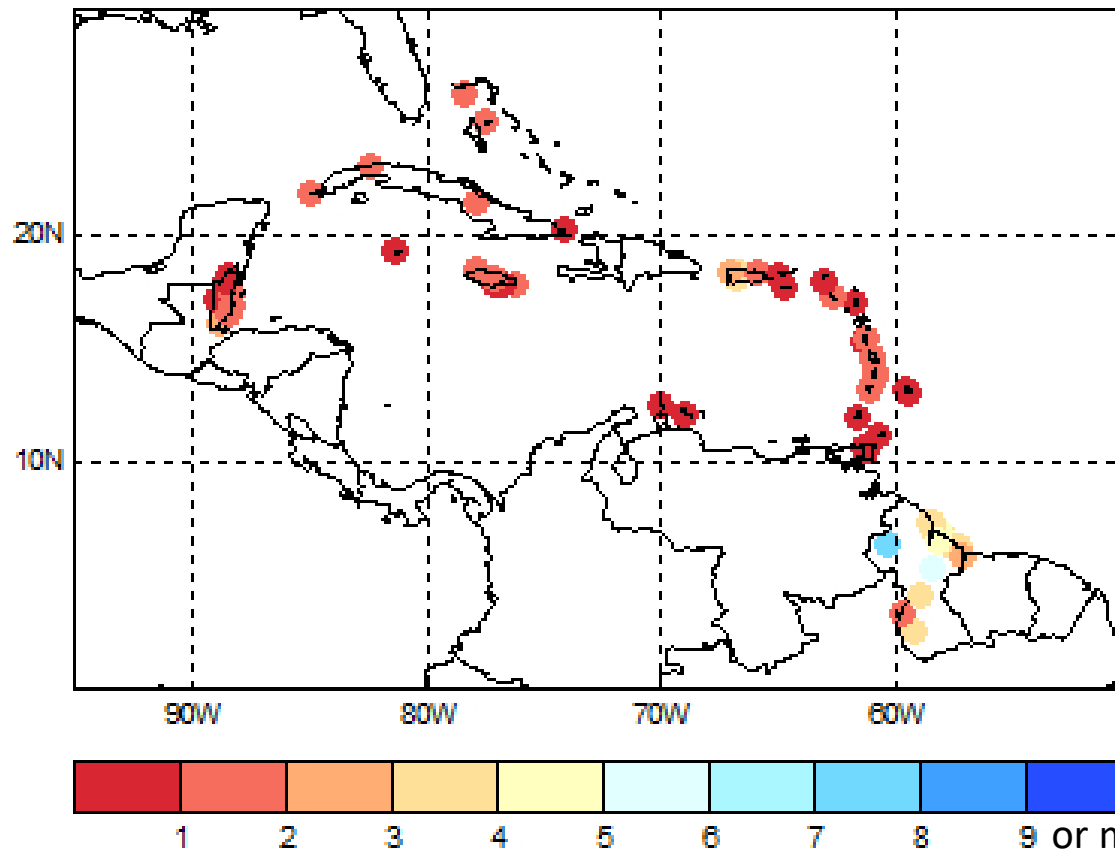
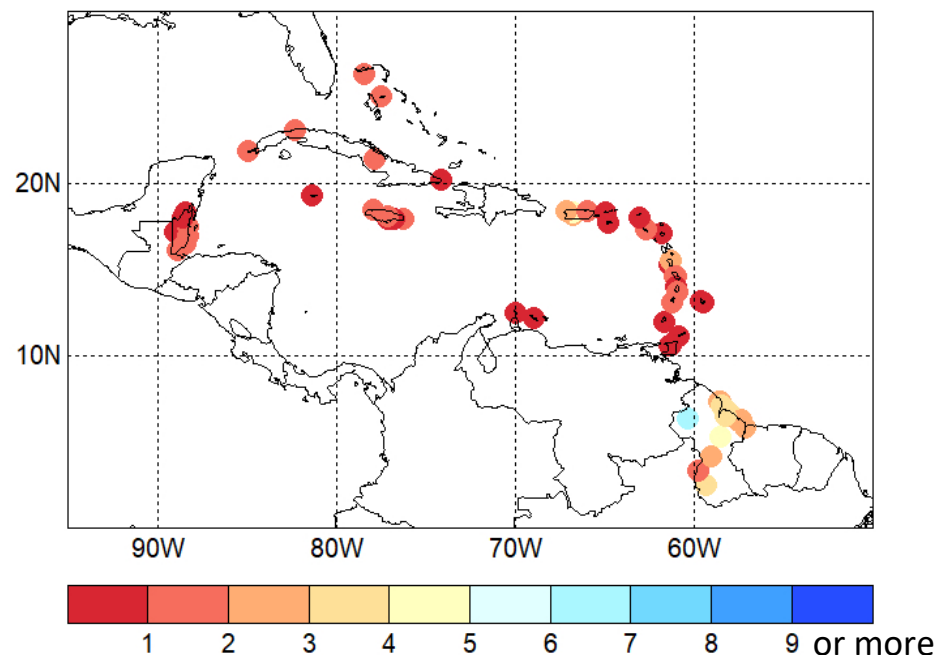
FORECAST: *High to extremely high* flash flood potential in southern Belize, Guyana and Puerto Rico; *moderate to high* potential in Antigua, northern and central Belize, Greater and Lesser Antilles; *moderate* potential in the ABC Islands.

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

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

Forecast # excess rainfall events - Feb. to Apr. 2025

Historical avg. # excess rainfall events Feb. to Apr.



Historically: Northern parts of the Guianas at least 4 excess rainfall events, southern parts 1-4 events; The Bahamas, southern & central Belize, most mountainous areas in the Antilles 1-3 events; ABC Islands, Barbados, northern Belize, Cayman Islands, Trinidad, smaller/low-lying areas in the Antilles up to 1 event.






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

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

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

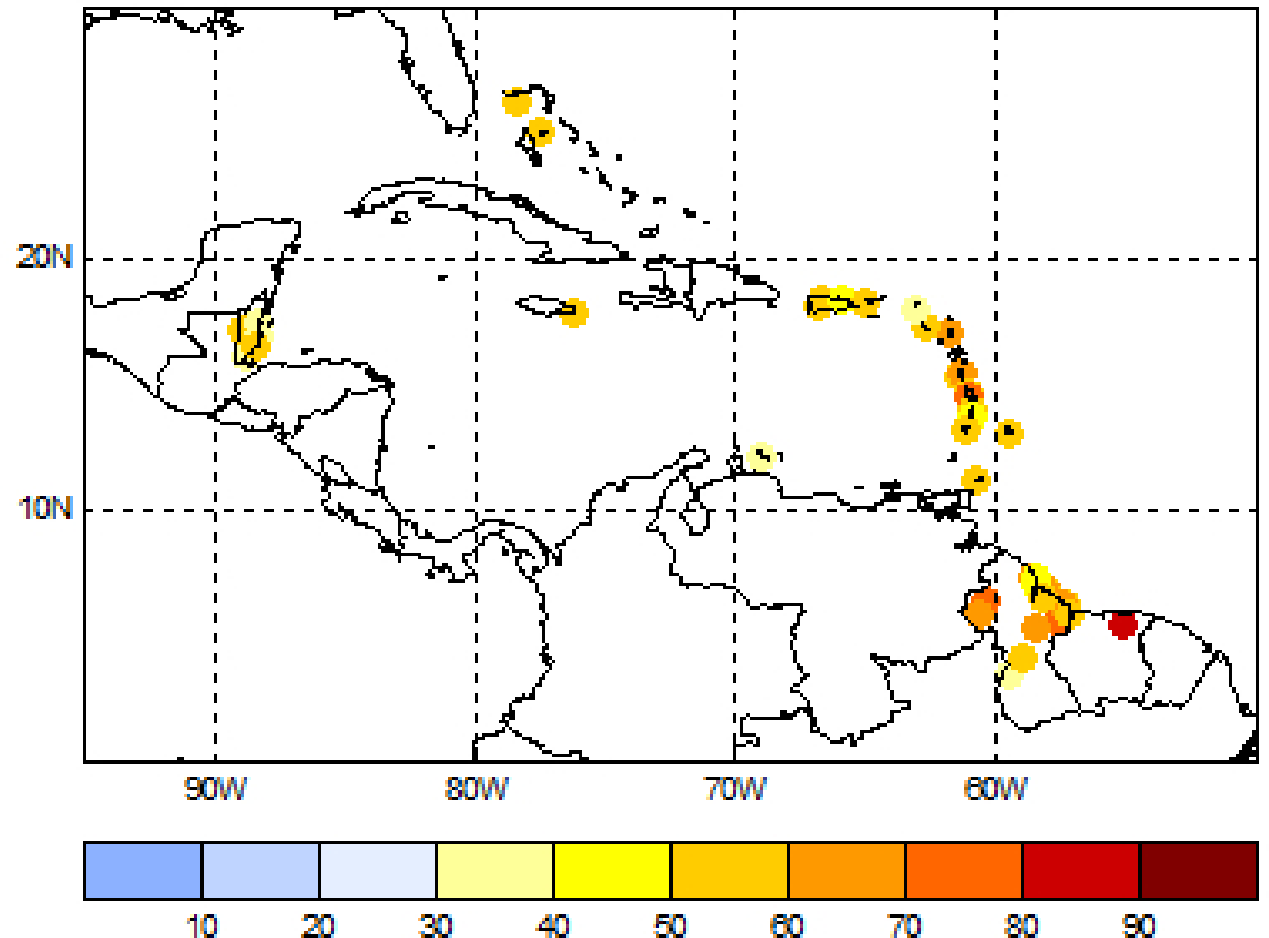
Country/Territory	(Island-) Station	FMA 2025	range	Country/Territory	(Island-) Station	FMA 2025	range
Antigua & Barbuda	Antigua VC Bird	1	(0-2)	Guyana	Great Falls	5	(2-8)
Aruba	Beatrix	0	(0-0)	Guyana	Leon Front	4	(2-6)
Bahamas	Freeport	2	(0-3)	Guyana	Lethem	1	(0-3)
Bahamas	LPIA	1	(0-3)	Guyana	McNabb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

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

Flash flood potential	Colour codes	Probability of excessive rainfall* event
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HIGH		50-80%
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MARGINAL		0-10%

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Probability excess rainfall event in February 2025



FORECAST: *Moderate to high* flash flood potential across most of the region;
moderate potential in the ABC Islands.



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