

CariCOF Flash flood potential outlook – November 2026 to January 2027

Dr. Cedric VAN MEERBEECK

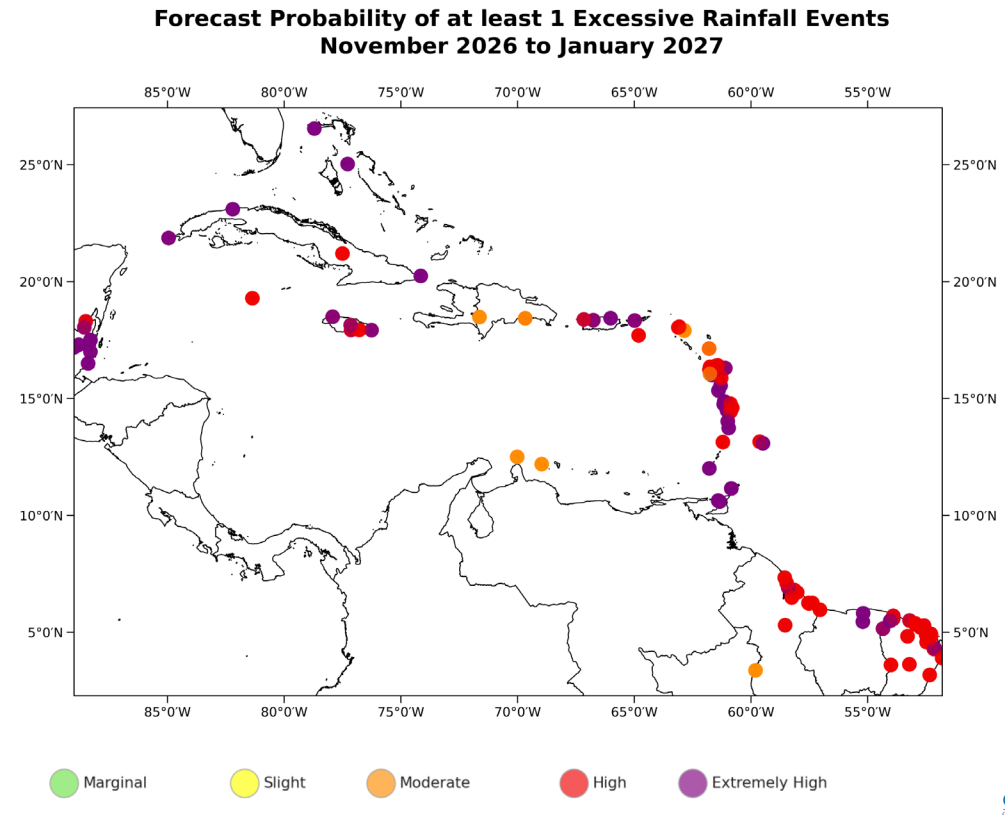
Caribbean Institute for Meteorology and Hydrology (CIMH), Barbados

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Flash flood potential associated with excessive rainfall* from November 2026 to January 2027

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*: at least 30 mm of rainfall within a 24-hour period

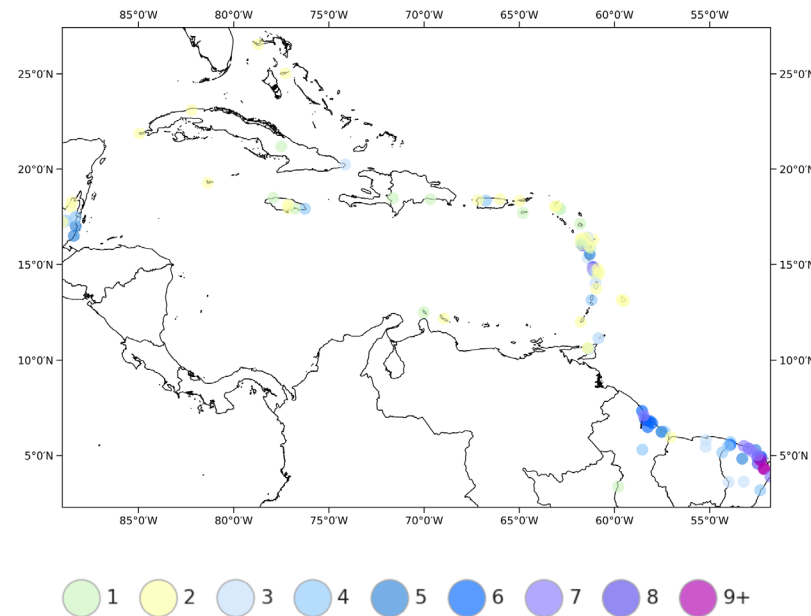


FORECAST: *High to extremely high* flash flood potential in The Bahamas, Belize, Grand Cayman, Cuba, most areas in the Greater & Lesser Antilles;
moderate potential in the ABC Islands, low-lying southern parts of the Dominican Republic, smaller and relatively flat islands of the Leeward Islands, southern Guyana.

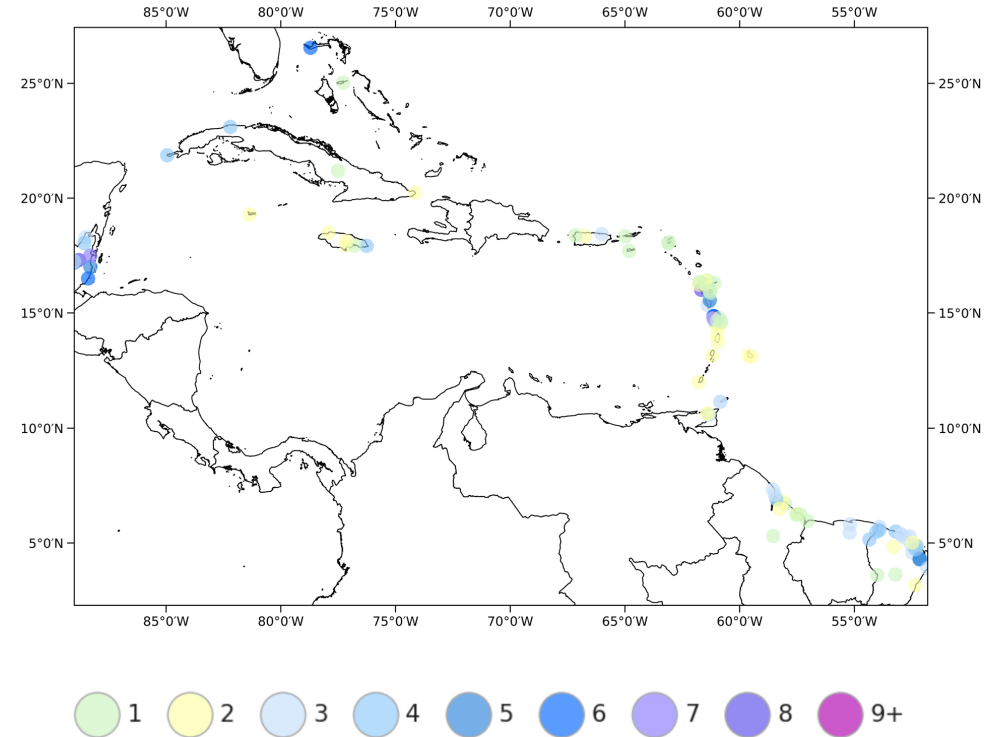
Number of excessive rainfall events* that could trigger flash floods from **November 2026 to January 2027**

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

**Historical avg. # excessive rainfall events
Nov. – Dec. – Jan. 1991-2020**



**Forecast # excessive rainfall events
Nov. – Dec. – Jan. 2026-27**



FORECAST: Approx. 3-4 excessive rainfall events fewer than usual through Jan. 2027 in the Guianas, 1 event fewer in Puerto Rico and the Lesser Antilles, but 1-2 events more in The Bahamas, Belize and Western Cuba (*medium confidence*).

Number of excess rainfall events* that could trigger flash floods from **November 2026 to January 2027**

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Country/Territory	(Island-) Station	NDJ 2026-27	range	Country/Territory	(Island-) Station	NDJ 2026-27	range
Antigua & Barbuda	VC Bird	1	(0-2)	French-Guiana	Cacao	3	(0-8)
Aruba	Beatrix	0	(0-3)	French-Guiana	Camopi SAPC	2	(0-5)
Bahamas	Freeport	6	(4-8)	French-Guiana	Camp Szutz	5	(0-10)
Bahamas	LPIA	1	(1-3)	French-Guiana	Cayenne Matoury	4	(0-9)
Barbados	CIMH	2	(0-3)	French-Guiana	Cayenne Suzini	2	(0-6)
Barbados	GAIA	2	(0-4)	French-Guiana	Charvein	4	(1-8)
Belize	Belmopan	8	(5-11)	French-Guiana	Degrad Cannes	4	(0-8)
Belize	Central Farm	5	(3-8)	French-Guiana	Ile Royale	3	(1-7)
Belize	Libertad	3	(1-6)	French-Guiana	Iracoubo	4	(1-9)
Belize	Melinda	5	(3-7)	French-Guiana	Kourou CSG	3	(0-7)
Belize	PG Airport	7	(4-11)	French-Guiana	Maripasoula	1	(0-4)
Belize	Punta Gorda		(-)	French-Guiana	Montsinery	3	(0-8)
Belize	Savannah	6	(3-10)	French-Guiana	Regina	5	(1-10)
Belize	Spanish Lookout	3	(1-5)	French-Guiana	Roura	4	(0-10)
Belize	Tower Hill	4	(2-7)	French-Guiana	Saint Elie	2	(0-5)
Cayman	Grand Cayman Meteo	2	(0-4)	French-Guiana	Saint Georges	3	(0-9)
Cuba	Cabo San Antonio	4	(2-6)	French-Guiana	Saint Laurent	4	(2-6)
Cuba	Camaguey)	1	(0-2)	French-Guiana	Saul SAPC	1	(0-4)
Cuba	Casablanca	4	(2-6)	French-Guiana	Savane Combi	3	(0-8)
Cuba	Punta de Maisi	2	(1-4)	French-Guiana	Sinnamary	3	(0-7)
Curacao	TNCC	0	(0-3)	French-Guiana	Tonate	2	(0-7)
Dominica	Canefield	3	(1-4)	Grenada	MBIA	2	(0-4)
Dominica	Douglas Charles	5	(2-8)	Guadeloupe	Gourbeyre Gros Morne Dole	8	(5-12)
Dominican-Republic	Jimani	0	(0-1)	Guadeloupe	Grand bourg les basses Aero	1	(0-3)
Dominican-Republic	Las Americas	0	(0-2)	Guadeloupe	La Desirade Gendarmerie	1	(0-3)
Dominican-Republic	Santo Domingo Mirador Este		(-)	Guadeloupe	Le Raizet Aero	2	(0-4)
French-Antilles	St Barthelemy Anse d Flamands	0	(0-2)	Guadeloupe	Petit Canal Gros Cap	1	(0-4)
French-Antilles	St Barthelemy Meteo	0	(0-2)	Guadeloupe	Pointe Noire Bellevue	2	(0-4)
French-Antilles	St Martin Grand Case		(-)	Guadeloupe	Port Louis Gendarmerie	2	(0-4)
French-Antilles	St Martin Marigot Gendarmerie	1	(0-3)	Guadeloupe	Saint Louis Presbytere	1	(0-3)
French-Guiana	Apatou	4	(2-7)	Guadeloupe	Sainte Rose Clugny	1	(0-3)
French-Guiana	Awala Yalimango	2	(1-6)	Guadeloupe	Vieux Habitants Cond SAPC	0	(0-2)

Number of excess rainfall events* that could trigger flash floods from November 2026 to January 2027 (table continued)

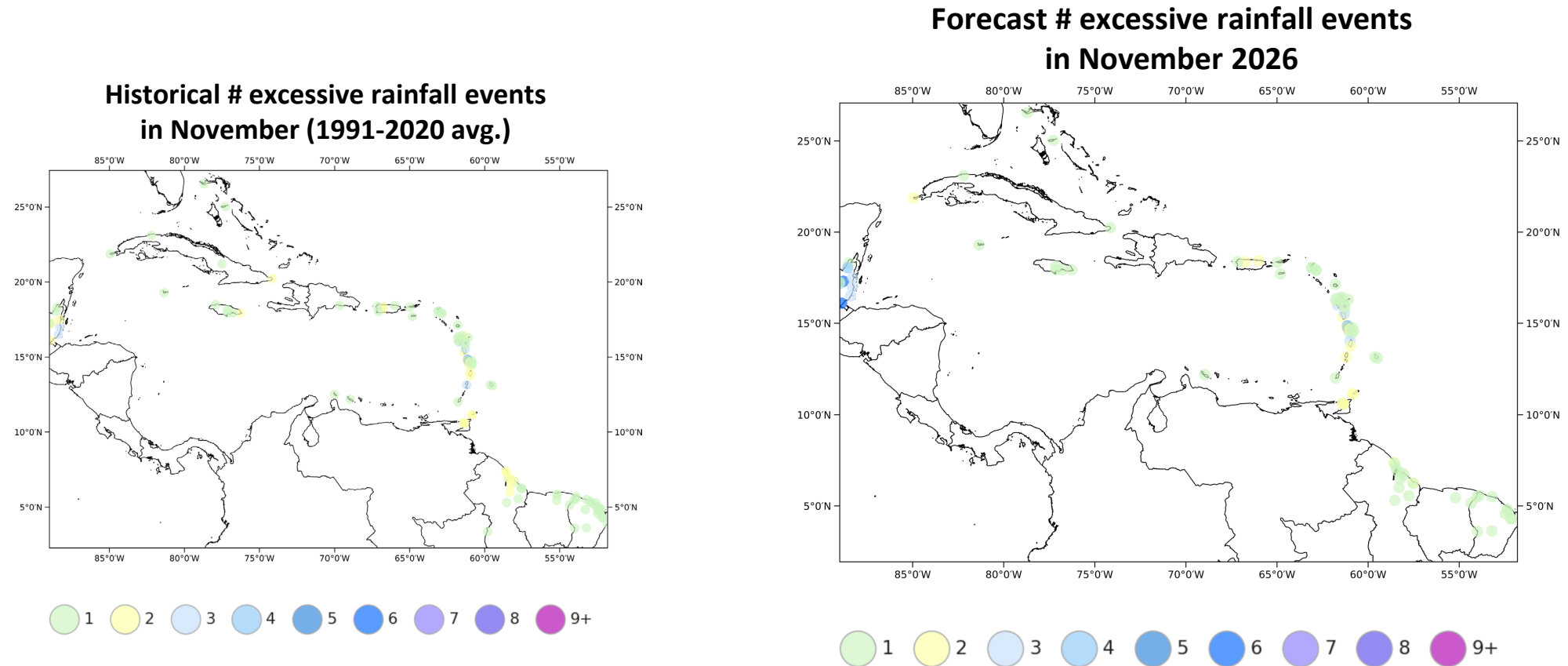
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Country/Territory	(Island-) Station	NDJ 2026-27	range	Country/Territory	(Island-) Station	NDJ 2026-27	range
Guyana	Aishalton		(-)	Martinique	Fond Saint Denis Cadet	5	(2-9)
Guyana	Albion Front	1	(0-5)	Martinique	Fort de France Desaix	2	(1-5)
Guyana	Apaikwa		(-)	Martinique	Fort de France Donis	5	(3-8)
Guyana	Blairmont 7		(-)	Martinique	Lamentin Aero	3	(1-5)
Guyana	Blairmont Front	2	(0-6)	Martinique	Macouba Bell	6	(3-10)
Guyana	Blairmont Mid		(-)	Martinique	Morne Rouge Champ	13	(7-17)
Guyana	Charity		(-)	Martinique	Saint Joseph Lezard	3	(1-6)
Guyana	De Kindren Back	2	(0-8)	Martinique	Saint Pierre Depaz	3	(1-5)
Guyana	Ebini		(-)	Martinique	Sainte Anne Seci	2	(0-4)
Guyana	Enmore Front	1	(0-6)	Martinique	Trinite Caravel	1	(0-4)
Guyana	Georgetown	2	(0-7)	Martinique	Vauclin	1	(0-4)
Guyana	Great Falls	2	(0-5)	Montserrat	Montserrat		(-)
Guyana	Kamarang		(-)	Puerto-Rico	Adjuntas		(-)
Guyana	La Bagat	4	(0-11)	Puerto-Rico	Arecibo Observatory	2	(1-5)
Guyana	Leon Front		(-)	Puerto-Rico	Coloso	1	(0-3)
Guyana	Lethem	0	(0-2)	Puerto-Rico	Lajas Substation		(-)
Guyana	Mabaruma		(-)	Puerto-Rico	Magueyes Island		(-)
Guyana	Mackenzie		(-)	Puerto-Rico	San Juan	3	(1-5)
Guyana	Mards		(-)	St-Kitts-Nevis	Nevis Airport		(-)
Guyana	Mc Nabb Back	3	(0-8)	St-Kitts-Nevis	St Kitts Natl Agri Stn		(-)
Guyana	New Amsterdam	1	(0-6)	St-Kitts-Nevis	St Kitts RLB Airport		(-)
Guyana	Onderneeming	3	(0-8)	St-Lucia	GFL Charles	2	(1-5)
Guyana	Parishara		(-)	St-Lucia	Hewanorra	2	(0-4)
Guyana	Port Kai		(-)	St-Maarten	TNCM	1	(0-3)
Guyana	Rose Hall		(-)	St-Vincent	Argyle		(-)
Guyana	Skeldon		(-)	St-Vincent	ET Joshua	2	(0-5)
Guyana	Surama		(-)	Suriname	Cultuurtuin		(-)
Guyana	Timehri	2	(0-6)	Suriname	Lelydorp		(-)
Guyana	Wismar		(-)	Suriname	Nieuw Nickerie	1	(0-4)
Jamaica	Bodles AWS	2	(0-3)	Suriname	Zanderij	3	(1-6)
Jamaica	Duckenfield AWS	4	(2-7)	Suriname	Zorg en Hoop	3	(1-5)
Jamaica	Manley	1	(0-3)	Trinidad-and-Tobago	Tobago Crown Point	3	(1-5)
Jamaica	Sangster	2	(1-4)	Trinidad-and-Tobago	Trinidad Piarco	3	(1-5)
Jamaica	Worthy Park	2	(0-3)	Trinidad-and-Tobago	Trinidad UWI St Augustine	2	(1-4)
Martinique	Ajoupa Bouillon Eden	10	(6-16)	USVI	St Croix	1	(0-3)
Martinique	Rassenoire Chal	6	(3-9)	USVI	St Thomas	1	(1-3)

Zooming in on November

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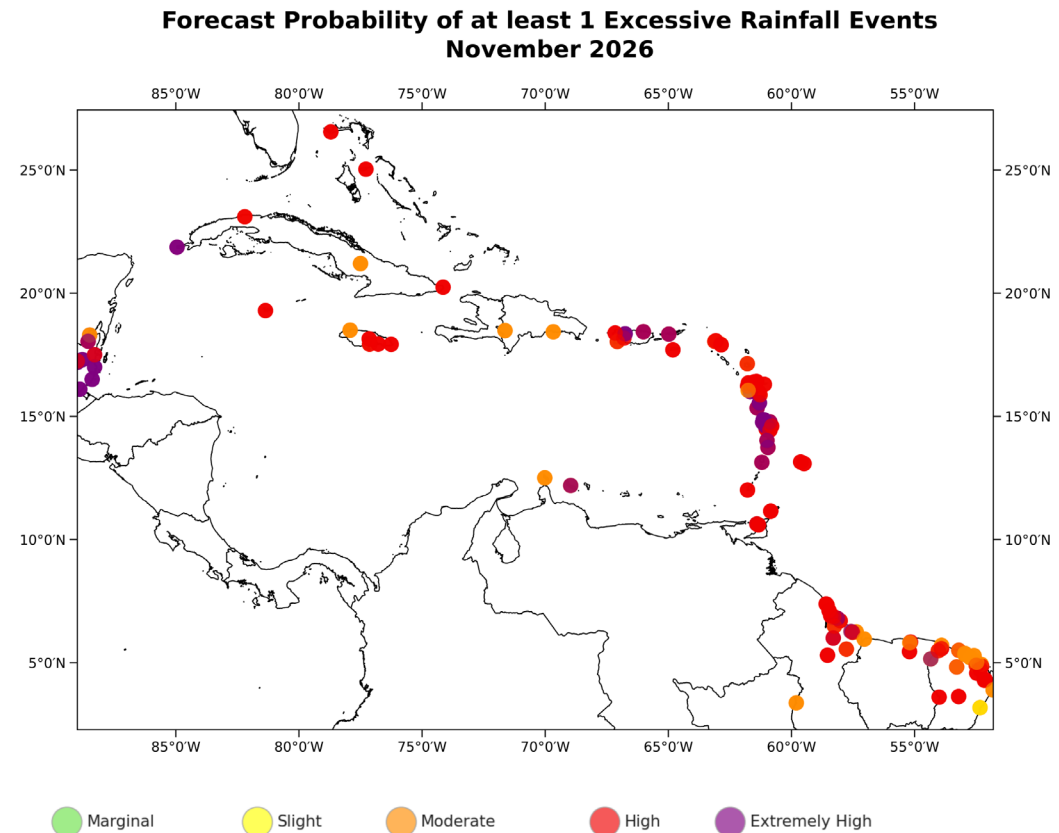
Historically in November: Southern Belize, mountainous areas of the Antilles 3 to 4 excessive rainfall events; 1 to 2 events in northern Belize, other areas in the Antilles, Guyana; max. 1 event elsewhere.

FORECAST: A significantly higher than usual number in Belize number of excessive rainfall events (*medium confidence*), but no more than the usual in other areas (*low confidence*).

Flash flood potential associated with excessive rainfall* zooming in on **November 2026**

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EXTREMELY HIGH		>80%
HIGH		50-80%
MODERATE		20-50%
SLIGHT		10-20%
MARGINAL		0-10%

* *excessive rainfall*: at least 30 mm of rainfall within a 24-hour period



FORECAST: *High to extremely high* potential in Belize, far Western Cuba, Puerto Rico and Lesser Antilles; *moderate to high* potential in other areas of the Antilles, northern parts of the Guianas; *slight to moderate* potential in southern parts of the Guianas.



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