






# PROTOTYPE flash flood potential outlook – September to November 2024

**Dr. Cedric VAN MEERBEECK**

Caribbean Institute for Meteorology and Hydrology (CIMH), Barbados

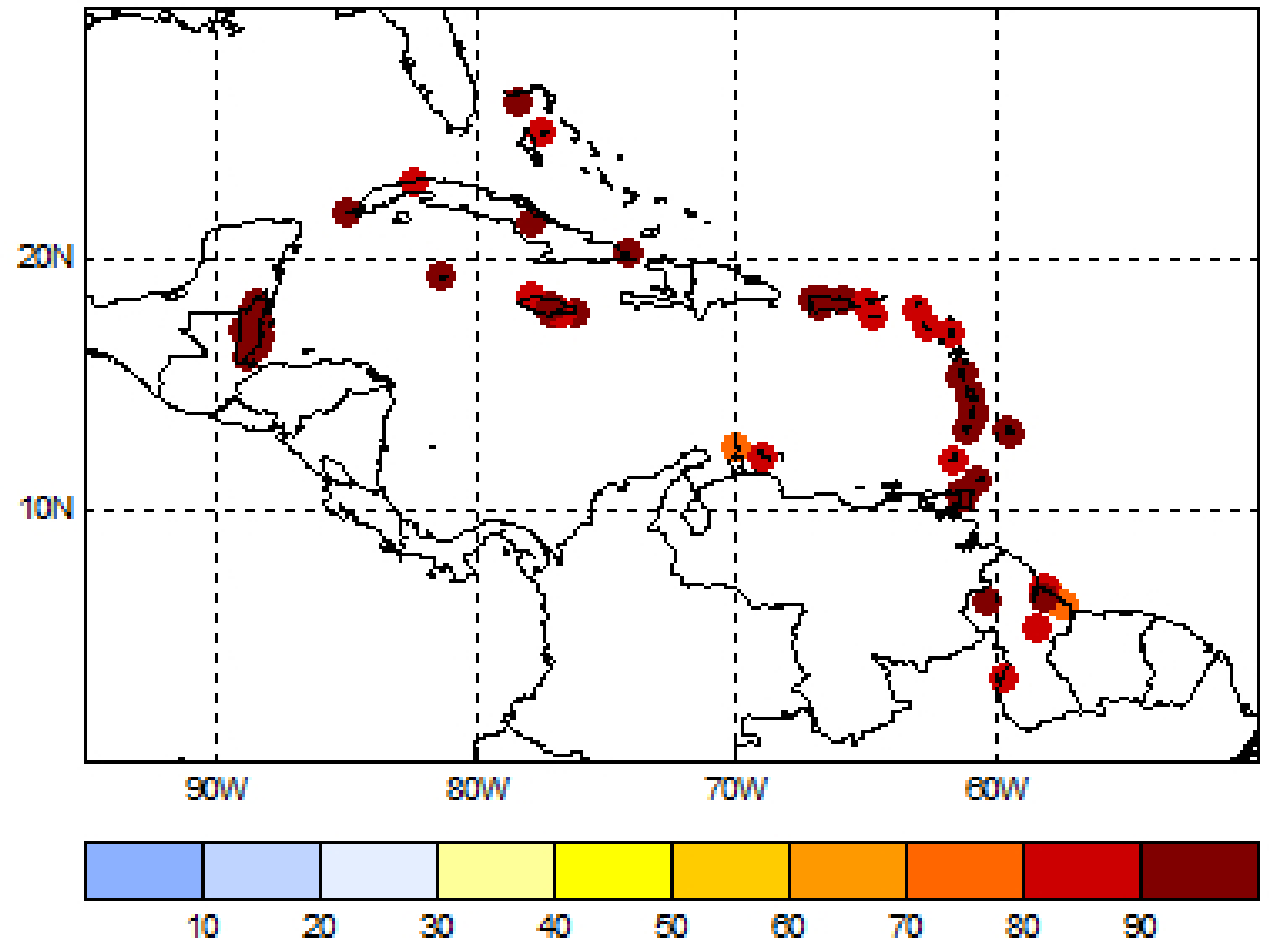
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# Flash flood potential associated with excessive rainfall\* in **Sep. – Oct. – Nov. 2024**

Flash flood potential	Colour codes	Probability of excessive rainfall* event
<b>EXTREMELY HIGH</b>		>80%
<b>HIGH</b>		50-80%
<b>MODERATE</b>		20-50%
<b>SLIGHT</b>		10-20%
<b>MARGINAL</b>		0-10%

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

**Probability excessive rainfall event Sep. to Nov. 2024**



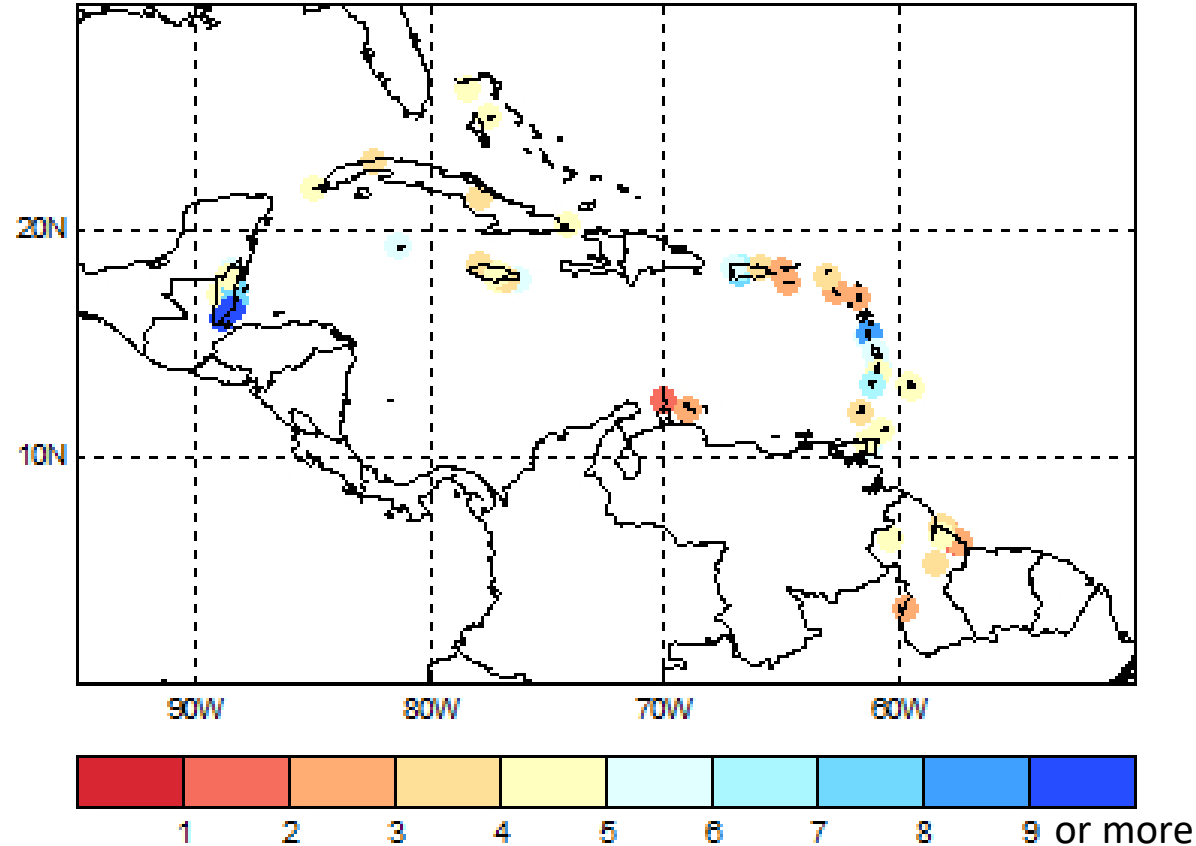
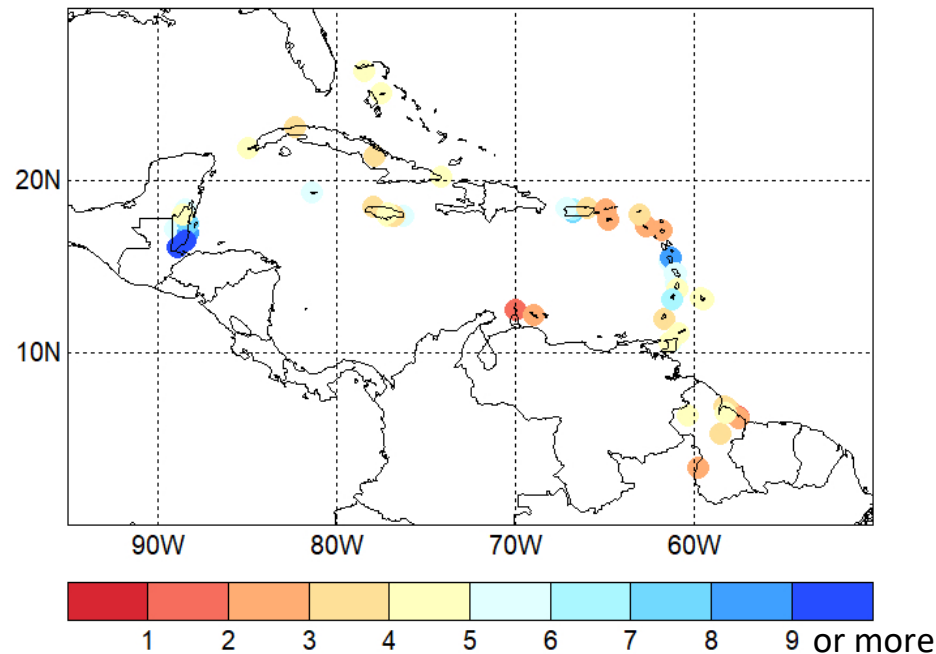
**FORECAST:** *Extremely high* flash flood potential throughout The Bahamas, Belize, the Greater and Lesser Antilles; *high to extremely high* potential elsewhere.

# Number of excess rainfall events\* that could trigger flash floods in **Sep. – Oct. – Nov. 2024**

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

## Forecast # excess rainfall events - Sept. to Nov. 2024

Historical avg. # excess rainfall events Sept. to Nov.



Historically: Southern & central Belize, Grand Cayman, mountains in the Antilles 5 or more excess rainfall events; Northern & Northwest Bahamas, northern Belize, other areas in the Greater & Lesser Antilles, Guianas 2 to 5 events; ABC Islands up to 3 events.






**FORECAST: No significant change from the historical norm in most areas.**

# Number of excess rainfall events\* that could trigger flash floods in **Sep. – Oct. – Nov. 2024**

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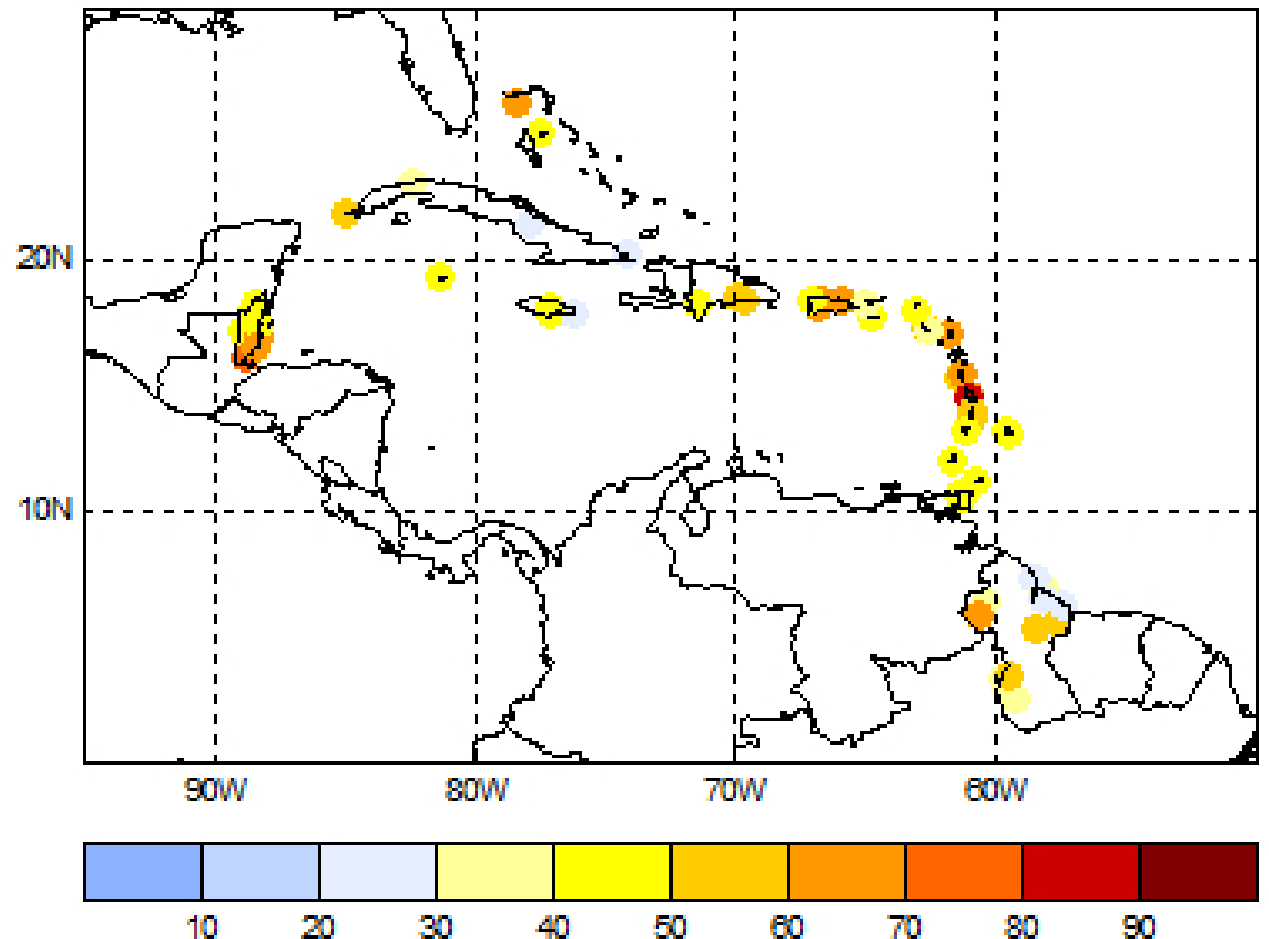
Country/Territory	(Island-) Station	SON 2024	range	Country/Territory	(Island-) Station	SON 2024	range
Antigua & Barbuda	Antigua VC Bird	3	(1-4)	Guyana	Great Falls	4	(1-7)
Aruba	Beatrix	2	(0-3)	Guyana	Leon Front	3	(1-6)
Bahamas	Freeport	5	(2-7)	Guyana	Lethem	2	(0-4)
Bahamas	LPIA	4	(1-7)	Guyana	New Amsterdam	2	(0-5)
Barbados	CIMH	4	(2-6)	Guyana	Timehri	4	(3-6)
Barbados	GAIA	4	(2-7)	Jamaica	Bodles	5	(2-7)
Belize	Belmopan	6	(2-10)	Jamaica	Duckenfield	6	(2-9)
Belize	Central Farm	5	(2-8)	Jamaica	Manley	3	(0-6)
Belize	Libertad	5	(2-9)	Jamaica	Sangster	3	(0-6)
Belize	Melinda	8	(5-11)	Jamaica	Worthy Park	4	(2-7)
Belize	PG Airport	7	(4-11)	Martinique	Fort de France Desaix	5	(3-8)
Belize	Punta Gorda	13	(9-17)	Martinique	Lamentin Aeroport	6	(3-9)
Belize	Savannah	11	(5-16)	Puerto Rico	Adjuntas	7	(4-11)
Belize	Towerhill	5	(2-8)	Puerto Rico	Arecibo Observatory	6	(4-9)
Cayman	Grand Cayman Meteo	6	(3-9)	Puerto Rico	Coloso	6	(3-8)
Cuba	Cabo San Antonio	4	(2-7)	Puerto Rico	San Juan	3	(1-5)
Cuba	Casablanca	4	(1-6)	St. Kitts & Nevis	St Kitts RLBAirport	3	(0-6)
Cuba	Camaguey	4	(2-6)	Saint Lucia	GFLCharles	5	(2-9)
Cuba	Punta de Maisi	4	(1-7)	Saint Lucia	Hewanorra	4	(2-7)
Curaçao	TNCC	3	(1-4)	Sint Maarten	TNCM	3	(1-5)
Dominica	Canefield	5	(3-8)	St. Vincent & the Grenadines	St Vincent ET Joshua	7	(4-10)
Dominica	Douglas Charles	9	(5-13)	Trinidad & Tobago	Trinidad Piarco	5	(2-8)
Grenada	MBIA	3	(1-6)	Trinidad & Tobago	Trinidad UWI St Augustine	5	(2-7)
Guyana	Apaikwa	5	(2-7)	Trinidad & Tobago	Tobago Crown Point	4	(2-7)
Guyana	Blairmont Front	2	(0-4)	USVI	St Croix	3	(0-5)
Guyana	Enmore Front	2	(0-5)	USVI	St Thomas	3	(1-5)
Guyana	Georgetown	3	(0-6)				

# Flash flood potential associated with excessive rainfall\* zooming in on **September 2024**

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**Probability excessive rainfall event in September 2024**



**FORECAST:** *High* flash flood potential in Antigua, the Northern Bahamas, southern and central Belize, interior of Guyana, mountainous areas of the Antilles, Puerto Rico; *moderate* potential elsewhere.



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Coordination:  
Contact:  
Authors:

Caribbean Institute for Meteorology & Hydrology

[caricof@cimh.edu.bb](mailto:caricof@cimh.edu.bb)

Dr. Cédric J. Van Meerbeeck – *Climatologist* ([cmeerbeeck@cimh.edu.bb](mailto:cmeerbeeck@cimh.edu.bb))  
and Mrs. Janice Reid – *Intern (ClimSA)*

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Development Team: Dr. Cedric J. VAN MEERBEECK<sup>1</sup> ([cmeerbeeck@cimh.edu.bb](mailto:cmeerbeeck@cimh.edu.bb)), Dr. Simon MASON<sup>2</sup>,  
Dr. Hannah Nissan<sup>2</sup>, Dr. Teddy ALLEN<sup>2</sup>, Ms. Wazita Scott<sup>1</sup>

<sup>1</sup>Caribbean Institute for Meteorology and Hydrology (CIMH), Barbados

<sup>2</sup>International Research Institute for Climate and Society (IRI), USA



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