

Rainfall frequency and extreme forecasts

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Wet days and Wet spells Outlooks November 2025 to January 2026

Coordination: Caribbean Institute for Meteorology & Hydrology

Dr. Cédric J. Van Meerbeeck - Climatologist

Dr. Teddy Allen – Asst. Climatologist

caricof@cimh.edu.bb

Participating territories

Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haïti, Jamaica, Aprtinique, Puerto Rico, St. Barth's, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Aprtin, St. Vincent & the Grenadines, Suriname, Trinidad & Tobago and the US Virgin Islands



Wet day frequency shifts

Forecast for: November to January 2025-26

Precipitation outlook

Frequency of wet days

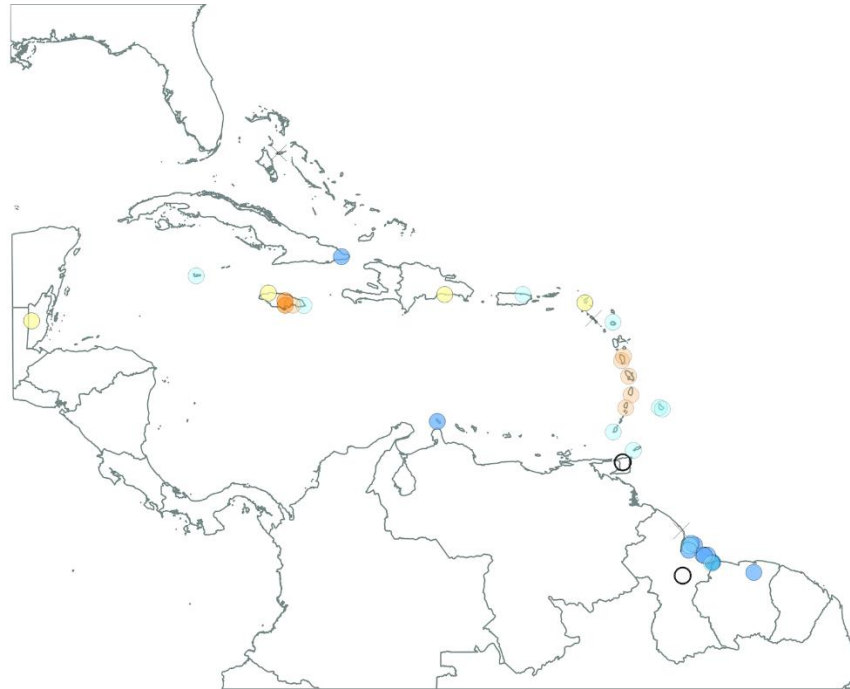
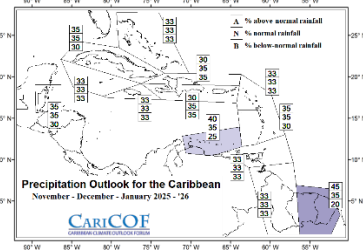
USUALLY: Out of 92 days in Nov-Dec-Jan, there are usually about 35 to 50 wet days (coastal Guianas: 30-55; ABC Islands: 20-45).

FORECAST: NDJ may be wetter than usual in the ABC Islands and eastern parts of the Guianas.

- Slightly more wet days than usual are forecast for Aruba, Grand Cayman, easternmost Cuba and the coastal Guianas (*medium confidence*), whereas fewer wet days are forecast for Belize, the Dominican Republic and most locations in the Leeward and Windward Islands (*low to medium confidence*).

IMPLICATIONS:

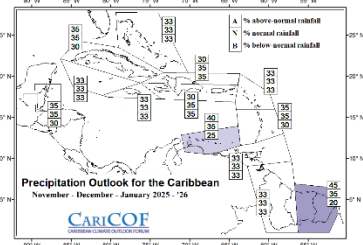
- Outdoor activity disruptions and environmental conditions conducive to moisture related pests as rainfall should progressively decrease from December onwards in the Caribbean Islands and Belize, but rapidly increase in late-November or early-December in the Guianas.



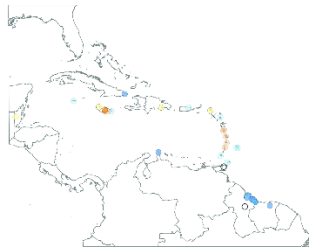
Wet spells frequency shifts

Forecast for: November to January 2025-26

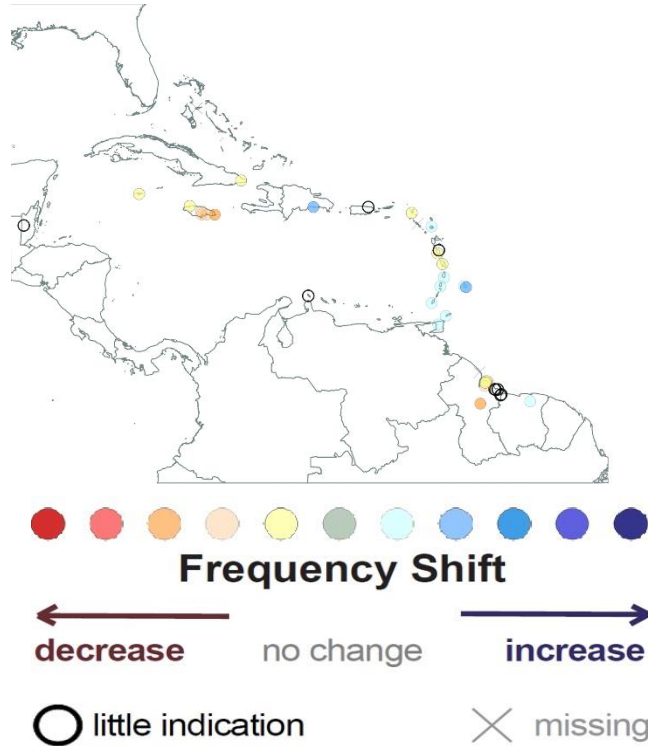
Precipitation outlook



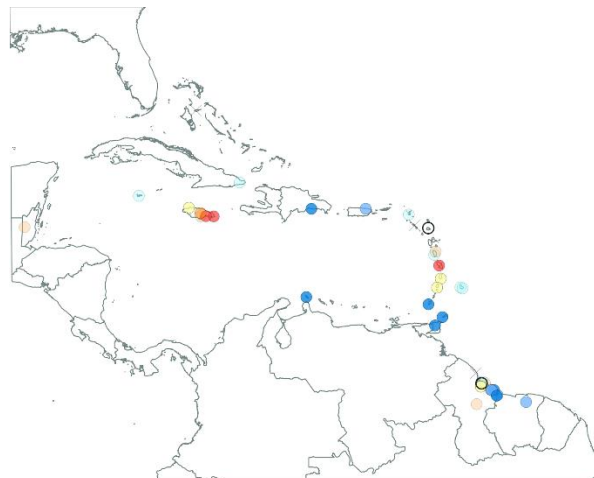
Wet days outlook



frequency of 7-day wet spells



frequency of 7-day very wet spells



USUALLY: Between 2 and 5 wet spells occur from November to January, with 1 to 3 of them ending up very wet (coastal Guianas: up to 3).

FORECAST: NDJ may be wetter than usual in the ABC Islands and eastern parts of the Guianas.

- Fewer wet spells than usual are forecast for Jamaica, and parts of northern Guyana, but more than usual in Barbados and the Dominican Republic (*low to medium confidence*).
- Fewer very wet spells than usual are forecast for Belize, Dominica, Martinique, Jamaica, St. Lucia and St. Vincent (*low to medium confidence*), but more than usual in most other places (*medium confidence to high confidence*).

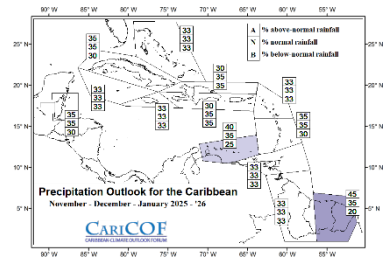
IMPLICATIONS:

- Recharge rates of large water reservoirs and soil moisture by wet spells may be even faster than usual in Barbados and the Dominican Republic through the end of the year.
- The chance of recurrent very wet spells translates to flood potential (1) being *high* through December in Belize and the islands, particularly in the ABC Islands, the Dominican Republic, Grenada, Trinidad & Tobago and the southernmost islands; (2) increasing from *moderate* to *high* in the coastal Guianas after November.

Extreme wet spells frequency shifts

Forecast for: November to January 2025-26

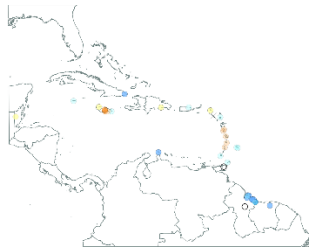
Precipitation outlook



frequency of
extreme (top 1%) 3-day wet spells



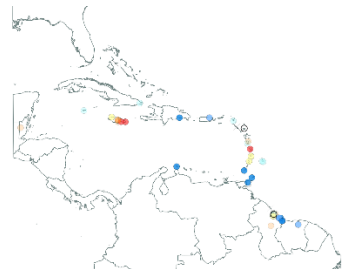
Wet days outlook



Wet spells outlook



Very wet spells outlook



USUALLY: Up to 2 extreme wet spells occur from November to January (Belize and the Greater Antilles up to 1).

FORECAST: NDJ may be wetter than usual in the ABC Islands and the Guianas and near usual elsewhere. .

- An increase in the chance of extreme wet spells is expected across most of the region (medium to high confidence), except in Antigua, Grand Cayman, Grenada, Jamaica, Martinique, Saint Lucia.*

IMPLICATIONS:

- The high chance of extreme wet spells in Belize and the islands through December translates to a *high to extremely high* potential for flash floods and associated hazards, steadily decreasing in January.
- Apart from far southwestern Guyana, the Guianas an increase in flash flood potential from *moderate* or *high* in early-November to *extremely high* by December is forecast.

November to January

2025-26

	No. of wet days		No. of 7-day wet spells (20% wettest)		No. of 7-day very wet spells (10% wettest)		No. of 3-day extremely wet spells (1% wettest)	
	Climatology	Forecast	Climatology	Forecast	Climatology	Forecast	Climatology	Forecast
Antigua (VC Bird)	29-44	27-44	2.1-4.7	2-4.9	0.9-2.6	0.6-2.9	0-1	0-1.1
Aruba (Beatrix)	19-45	16-46	2.7-8.1	2.8-9.1	0.9-5.4	1.3-6.7	0-2	0-2.5
Barbados (CIMH)	30-47	28-48	1.8-4.7	1.7-4.9	0.9-2.7	0.6-3.3	0-1	0-1.4
Barbados (GAIA)	32-45	28-45	2-4.7	1.7-5	0.9-3	0.8-3.2	0-1.5	0-1.9
Belize (C. Farm)	30-46	26-48	1.8-5.2	2-5.3	0.9-2.8	0.6-2.6	0-1	0-1.1
Cayman	18-26	15-30	0.9-3	0.8-3.7	0.4-2.1	0.3-2.4	0-1	0-2.2
Cuba (Punta Maisi)	17-27	15-30	2.6-4.7	2.5-5.2	0.9-2.6	1-3.4	0-1	0-1.4
Dom. Republic (Las Americas)	20-28	17-31	1.7-3.4	1.4-3.9	0.4-1.7	0.3-2.1	0-0.9	0-1
Dominica (Canefield)	41-53	39-55	2-3.4	1.6-4.3	0.6-2.2	0.5-2.3	0-1	0-1.2
Dominica (Douglas Charles)	55-66	51-69	1.8-4.7	1.6-5.2	0.5-2.6	0.5-2.8	0-1	0-1.3
Grenada (MBIA)	30-43	27-46	2.2-4.6	2-4.8	0.9-2.6	1-3.3	0-1.2	0-1.7
Guyana_73	15-32	15-30	1.3-4.7	1-4	0.4-3	0.4-2.7	0-2	0-1.4
Guyana (Albion)	27-49	24-52	1.4-5.1	1.3-5.7	0.4-3	0.8-4	0-1	0-2.8
Guyana (Blairmont)	30-56	28-57	1.8-4.8	1.6-5.2	0.5-2.6	0.9-4.2	0-2	0-2.7
Guyana (Charity)								
Guyana (Enmore)	27-52	27-52	1.7-4.9	1.5-4.8	0.9-3.4	0.9-3.3	0-1.4	0-1.6
Guyana (Georgetown)	37-60	35-61	1.3-5.6	1.3-6.1	0.9-4.3	0.9-5.6	0-3	0-4
Guyana (Greatfall)								
Guyana (New Amsterdam)	30-52	29-54	1.7-4.3	1.4-5.1	0.7-3	1.1-4	0-2	0.3-3.3
Guyana (Skeldon)	32-45	29-47	1.7-4.3	1.3-3.9	0.4-2.5	0.3-2.3	0-1.7	0-1.4
Guyana (Timehri)	40-64	40-65	1.7-5.3	1.6-5.7	0.9-3.2	0.8-4.1	0-1	0-1.7
Guyana_Wales								
Jamaica (Worthy Park)	22-28	19-31	1.7-3	1.4-3.1	0.3-2.1	0.1-2.1	0-1	0-1.3
Martinique (FDF Desaix)	51-62	48-65	2.6-4.7	1.8-5.5	0.9-2.6	0.6-2.4	0-1	0-1.2
Puerto Rico (San Juan)	38-51	35-54	2.6-5.3	2.7-5.6	0.9-2.6	0.9-3.2	0-1	0-1.3
St. Lucia (Hewanorra)	39-50	34-53	1.8-3.6	1.7-4.5	0.9-2.6	0.5-2.5	0-1	0-0.8
St. Maarten (TNCM)	34-52	32-54	2.2-5.3	2.3-6.1	1.3-3.2	1-3.3	0-1	0-2.7
St. Vincent (ET Joshua)	50-66	47-65	2.2-4.7	1.8-5.2	1-2.6	0.8-3	0-1	0-1.6
Suriname (Zanderij)	39-52	37-54	1.7-3.4	1.6-3.5	0.4-1.7	0.5-3.3	0-1	0-1.4
Tobago (ANR RobinNDJ)	36-51	35-50	2.1-4.1	1.4-4.7	0.9-2.4	0.7-2.4	0-1	0-1.5
Trinidad (Piarco)	36-46	32-47	2.6-4.5	2.2-4.9	1.3-3	1-3.2	0-1	0.2-1.9

brown is a decrease in frequency, **light blue** an increase, **grey** none are expected



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Coordination: Caribbean Institute for Meteorology & Hydrology
Contact: caricof@cimh.edu.bb

Author(s): Dr. Teddy Allen – *Asst. Climatologist*
Dr. Cédric J. Van Meerbeeck – *Climatologist*
(cmeerbeeck@cimh.edu.bb)

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Development Team: Dr. Cedric J. VAN MEERBEECK¹, Ms. Janice REID*, Dr. Simon MASON²

¹Caribbean Institute for Meteorology and Hydrology (CIMH), Barbados, *former CREWS intern at CIMH

²International Research Institute for Climate and Society (IRI), USA

