Rainfall frequency and extreme forecasts
–
Wet days and Wet spells Outlooks
December 2025 to February 2026

Coordination: Caribbean Institute for Meteorology & Hydrology
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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

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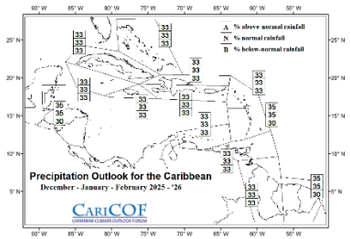
Wet day frequency shifts

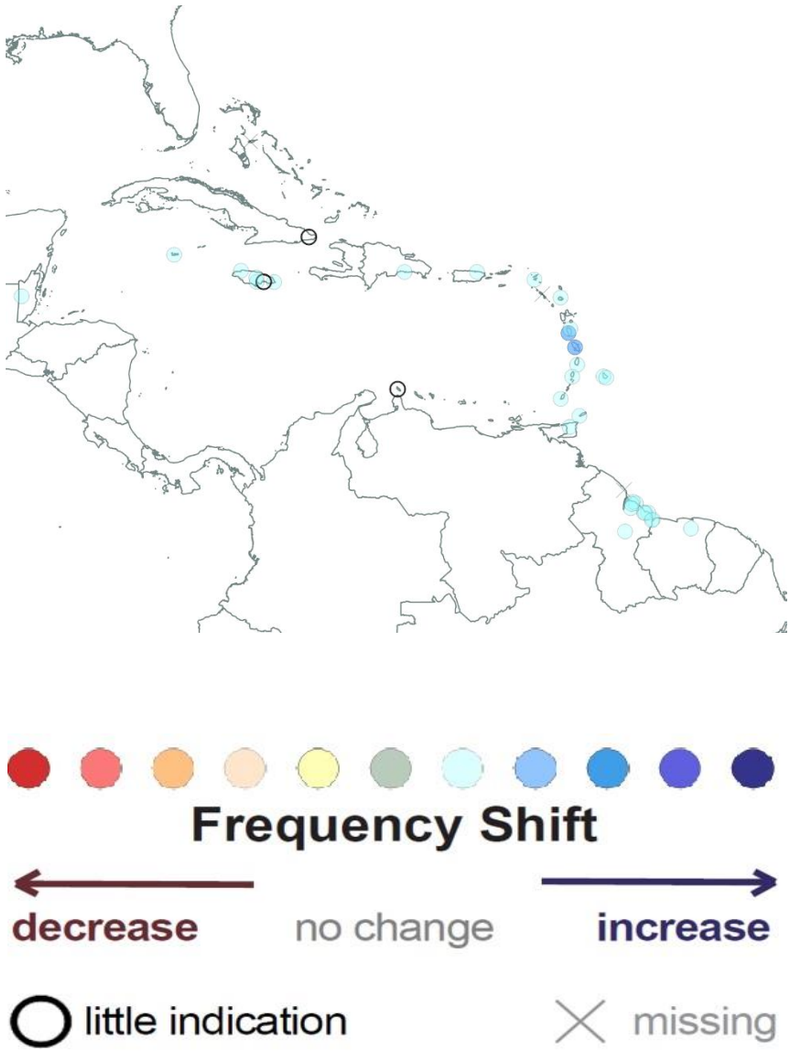
Forecast for: December to February 2025-26

Precipitation outlook



DJF 2025-26

Frequency of wet days



USUALLY: Out of 90 days in Dec-Jan-Feb, there are about 25 to 40 wet days (ABC Islands: 10-35; coastal Guianas: 30 to 50).

FORECAST: At this time, little is known about seasonal rainfall forecast totals during DJF across the region.

- **A slightly higher than usual number of wet days is expected across the region (***low to medium confidence***).**

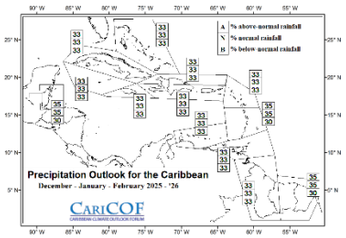
IMPLICATIONS:

- **The number of wet days should decease towards February and, along with it, outdoor activity disruptions and environmental conditions conducive to moisture related pests. However, except for areas currently in short-term drought, this decrease may be slower than usual.**

Wet spells frequency shifts

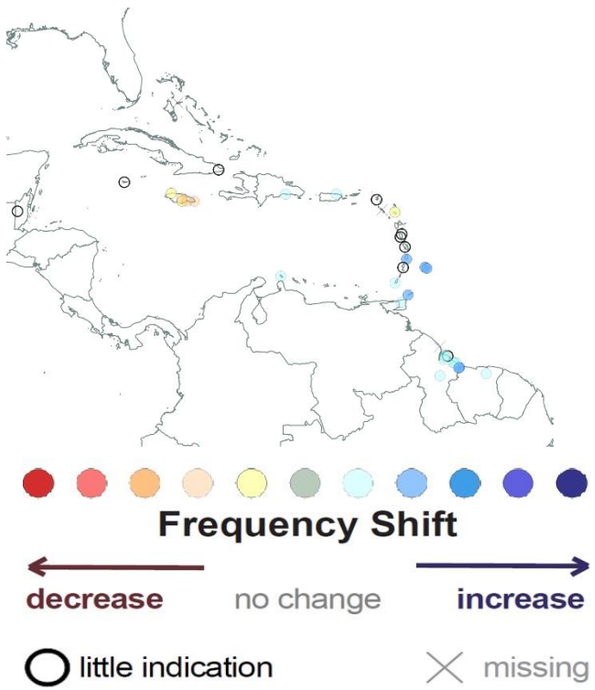
Forecast for: December to February 2025-26

Precipitation outlook

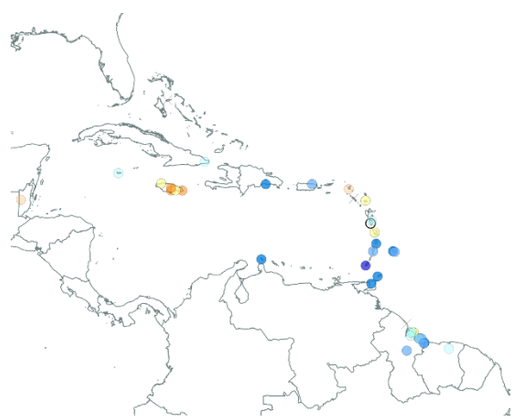


Wet days outlook

DJF 2025-26 frequency of 7-day wet spells



DJF 2025-26 frequency of 7-day very wet spells



USUALLY: Between 1 and 3 wet spells occur from December to February (ABC Islands: 2 to 6; coastal Guianas: 1 to 5), with up to 1 or 2 of them ending up very wet (ABC Islands & coastal Guianas: up to 3).

FORECAST: At this time, little is known about seasonal rainfall forecast totals during DJF across the region.

- **A slight increase in the number of wet spells (**low to medium confidence**) and very wet spells (**medium to high confidence**) is expected in the ABC islands, along the windward islands, the coastal Guianas, Dominican Republic and Puerto Rico.**
- **A slightly lower than usual number of wet and very wet spells is expected in Jamaica and Sint Maarten (**low to medium confidence**).**

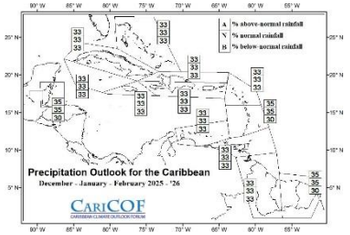
IMPLICATIONS:

- **Recharge rates of water reservoirs *likely* even faster than usual in view of frequent wet spells in the coastal Guianas.**
- **There is a *high* potential for long term flooding and cascading hazards in the coastal Guianas through early February, and in the Caribbean Islands southwards of Guadeloupe through December, esp. where soils are saturated.**

Extreme wet spells frequency shifts

Forecast for: December to February 2025-26

Precipitation outlook

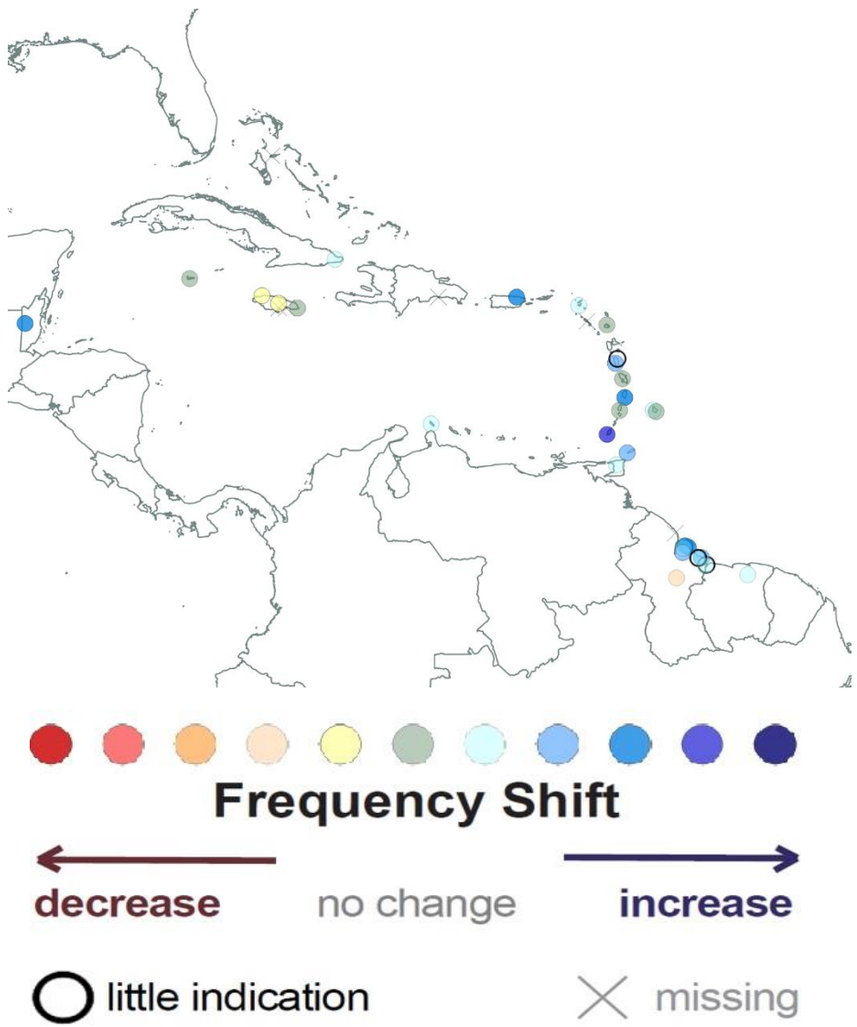


Wet days outlook

Wet spells outlook

Very wet spells outlook

DJF 2025-26 frequency of
extreme (top 1%) **3-day wet spells**



USUALLY: Up to 1 extreme wet spell occurs from December to February in Belize and the islands (coastal Guianas: up to 2).

FORECAST: At this time, little is known about seasonal rainfall forecast totals during DJF across the region.

- **A *likely* higher than usual number of 3-day wet spells is expected in Belize, along the Lesser Antilles, Puerto Rico and the coastal Guianas (*medium confidence*), but a slightly lower than usual number in western Jamaica (*low confidence*).**

IMPLICATIONS:

- **The high chance of occurrence of extreme wet spells in the northern Guianas translates to an *extremely high* potential for flash floods and cascading hazards in those areas.**
- **Flash flood potential decreases from *high* in December to *limited* in February in the Caribbean Islands and Belize.**

December to February 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)	25-39	23-44	1.3-2.6	1.3-3.4	0.4-1.3	0.2-1.5	0-0	0-0
Aruba (Beatrix)	13-35	13-45	2.6-6.4	2.9-6.9	0.5-3.6	1.2-3.9	0-1	0-0.9
Barbados (CIMH)	21-43	24-46	0.9-2.5	1-2.7	0-1.4	0.3-1.4	0-0	0-0.3
Barbados (GAIA)	23-42	24-47	0.9-3	1.1-3.5	0.2-1.5	0.4-1.5	0-0	0-0.1
Belize (C. Farm)	21-40	19-43	1.3-3.7	1.3-3.6	0.4-1.7	0.3-1.7	0-1	0-0.3
Cayman	11-22	11-28	0.4-2.1	0.4-2.4	0-0.9	0-1.1	0-0	0-0
Cuba (Punta Maisi)	13-22	11-25	1.5-3.9	1.4-4.4	0.5-2.1	0.4-2.1	0-0	0-0
Dom. Republic (Las Americas)								
Dominica (Canefield)	36-53	35-61	0.8-3.9	0.5-3.9	0-1.5	0-1.6	0-0	0-0
Dominica (Douglas Charles)	50-62	46-73	0.8-3.1	0.7-3.4	0-1.4	0-1.5	0-0.1	0-0.1
Grenada (MBIA)	21-39	20-52	0.8-3.9	0.8-4.1	0-2.1	0.2-2.1	0-1.1	0-1.1
Guyana_73	15-35	16-37	0.9-4.9	1.6-5.5	0.4-3.8	0.8-3.7	0-2	0-1.6
Guyana (Albion)	25-49	28-57	1.3-6.1	2-6.1	0.4-3.6	1-3.6	0-2	0-1.7
Guyana (Blairmont)	32-52	29-64	1.4-5.5	1.8-5.8	0.4-3.2	0.9-3.5	0-2	0-1.8
Guyana (Charity)								
Guyana (Enmore)	26-51	30-56	1.5-4.8	2.1-5.2	0.5-3.9	0.9-4.3	0-1	0-1.4
Guyana (Georgetown)	33-58	35-63	0.9-5.6	1.5-6.6	0-4.5	0.9-4.4	0-2	0-2.4
Guyana (Greatfall)	36-58	37-62	1.3-4.3	1.5-4.7	0.4-2.1	0.8-2.4	0-0.1	0-0.2
Guyana (New Amsterdam)	30-54	32-58	1-5.3	1.8-5.5	0.9-3.9	1-3.7	0-2	0.1-1.7
Guyana (Skeldon)	27-45	28-53	1.1-4.5	1.6-4.9	0.4-2.6	0.6-2.8	0-2.5	0-1.8
Guyana (Timehri)	38-63	38-67	1.4-4.7	1.9-5.3	0.5-3	0.9-3.4	0-1	0-1.6
Guyana_Wales								
Jamaica (Worthy Park)	16-24	14-29	0.5-2.6	0.3-2.5	0-1.7	0-1.4	0-0	0-0
Martinique (FDF Desaix)	44-59	43-67	0.9-3	1-3.4	0-1.3	0-1.5	0-0	0-0
Puerto Rico (San Juan)	32-46	32-50	1.5-3.6	1.7-4	0.5-1.3	0.6-2.3	0-1	0-1.1
St. Lucia (Hewanorra)	29-45	30-51	0.9-2.6	1-3	0-1.3	0.3-1.6	0-0	0-0
St. Maarten (TNCM)	29-46	29-55	1.5-4.3	1.5-5	0.2-2.1	0.3-2.3	0-1	0-1.3
St. Vincent (ET Joshua)	43-57	41-66	0.9-3	1.1-3.1	0-1.7	0.5-1.9	0-0	0-0
Suriname (Zanderij)	41-55	39-59	1.6-4	1.9-4.3	0.4-2.3	0.8-3.1	0-1	0-1.3
Tobago (ANR RobinNDJ)	27-41	27-45	0-2.8	0.5-2.8	0-1.3	0.3-1.7	0-0.5	0-0.3
Trinidad (Piarco)	23-39	23-44	0.7-3.4	0.9-4.1	0-2.1	0.3-2.2	0-1	0-1

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

Regional climate data, information, tools, experimental and operational products are available at

https://rcc.cimh.edu.bb

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The prototype for this product was developed in 2022 with the generous support of (1) the American People through the USAID funded SDCR Programme, (2) the European Union through the Intra-ACP GCCA+ Programme, and (3) the Climate Risk and Early Warning Systems (CREWS) Initiative.

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