

# Rainfall frequency and extreme forecasts

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## Wet days and Wet spells Outlooks October to December 2025

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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

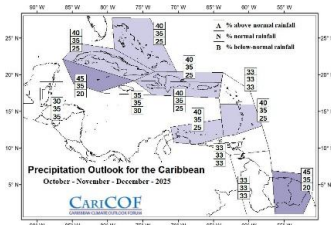




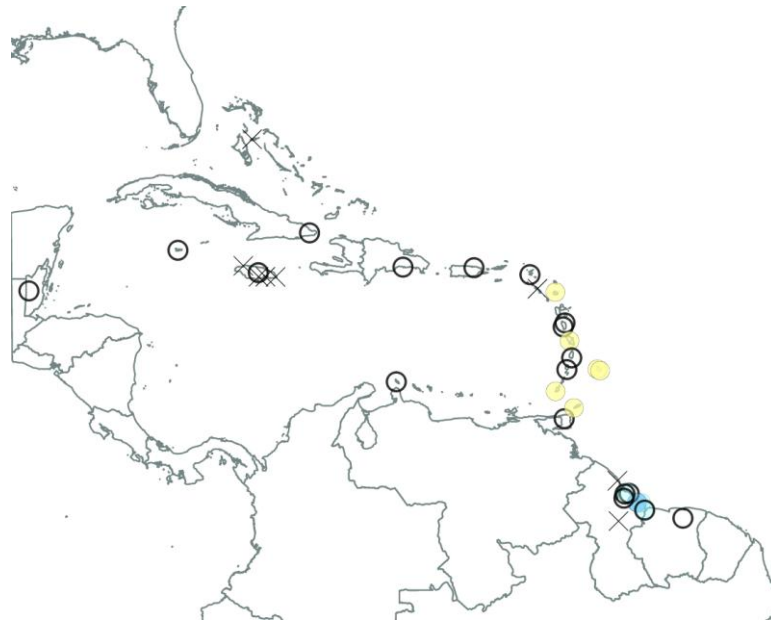
# Wet day frequency shifts

Forecast for: October to December 2025

Precipitation outlook



OND 2025  
Frequency of wet days



**USUALLY:** Out of 92 days in Oct-Nov-Dec, there are about 35 to 50 wet days (coastal Guianas: 20-40; ABC Islands: 15-35).

**FORECAST:** OND is *likely* to be as wet as normal or wetter across the region.

- No more than the usual number of wet days are forecast across most of the region (*low confidence*), except for a *possible* slight increase in northern Guyana (*low confidence*).

## IMPLICATIONS:

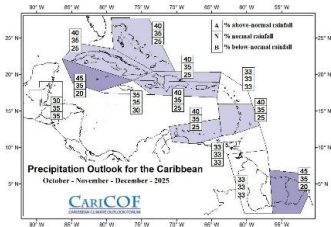
- Frequent rainfall disruptions in Belize and the islands.
- Relatively few outdoor activity disruptions, but increased wildfire potential in view of few wet days across the Guianas through mid-November but increasing after that.
- Surface wetness due to consecutive wet days make environmental conditions more conducive to moisture-related pests across Belize and the islands, especially through November.



# Wet spells frequency shifts

## Forecast for: October to December 2025

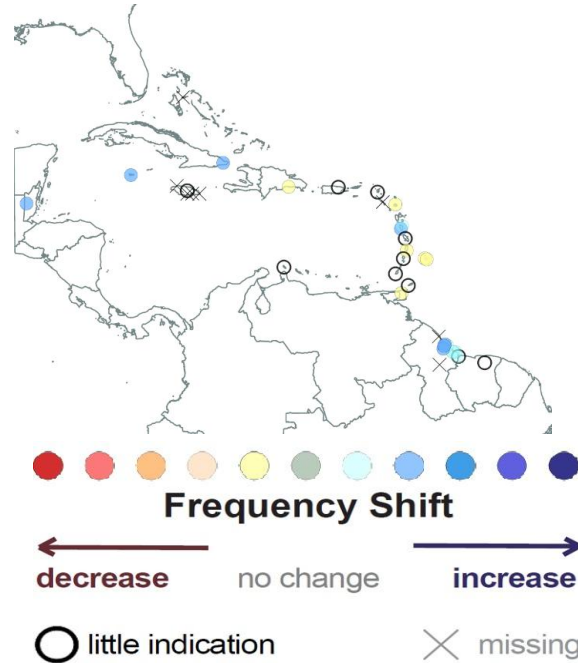
### Precipitation outlook



### Wet days outlook



### OND 2025 frequency of 7-day wet spells



### OND 2025 frequency of 7-day very wet spells



**USUALLY:** Between 3 and 6 wet spells (coastal Guianas: 1-4) occur from October to December, with 1 to 4 of them ending up very wet (coastal Guianas: up to 2).

**FORECAST:** OND is *likely* to be as wet as normal or wetter across the region.

- A *possible* increase from the usual number of wet spells is forecast for Belize, Cayman Is., Cuba, Dominica and Guyana, but the usual number or fewer elsewhere (*low confidence*).
- Overall, most of the region is expected to experience at least the usual number of very wet spells (*medium confidence*).

### IMPLICATIONS:

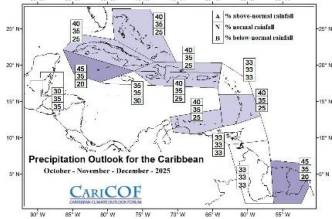
- Recharge rates of large water reservoirs and soil moisture by wet spells *possibly* even faster than usual in Dominica, Greater Antilles and coastal Guianas.
- The chance of recurrent very wet spells translates to flood potential (1) being *high* throughout the period in Belize and the islands; (2) increasing from *moderate* to *high* in the coastal Guianas after November.



# Extreme wet spells frequency shifts

## Forecast for: October to December 2025

Precipitation outlook



### OND 2025 frequency of *extreme (top 1%) 3-day wet spells*

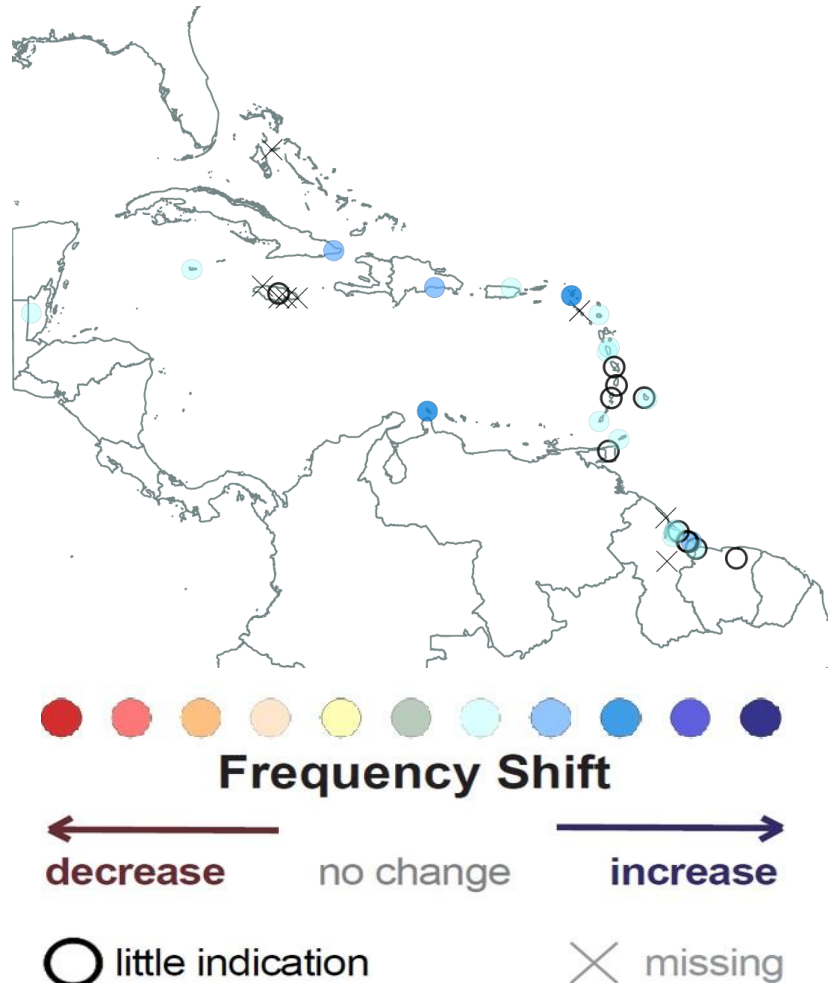
Wet days outlook



Wet spells outlook



Very wet spells outlook



**USUALLY:** Up to 2 extreme wet spells occur from October to December (Guianas: up to 1).

**FORECAST:** OND is *likely* to be as wet as normal or wetter across the region.

- Overall, most of the region is forecast to observe at least the usual number of extreme wet spells (*low to medium confidence*).

### IMPLICATIONS:

- In view of the high chance of extreme wet spells in Belize and the islands, the potential for flash floods and associated hazards is expected to be *high*.
- In the Guianas, *moderate* flash flood potential is expected through November, increasing to *high*



# October to December 2025

	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)	32-44	30-44	3-5.6	2.3-5.6	1.3-3.2	1.3-4.1	0-1	0-1.7
Aruba (Beatrix)	19-44	18-41	3.4-8.6	3.3-8.5	1.3-6.9	1.5-7.4	0-2.5	0.4-3
Barbados (CIMH)	35-48	33-48	3.5-5.6	2.9-5.9	1.3-3.9	1.5-4.6	0-2	0.1-2.1
Barbados (GAIA)	35-49	33-47	3.4-5.6	2.9-5.7	1.5-3.4	1.6-4.3	0-2	0-2.2
Belize (C. Farm)	33-49	31-50	2.8-5.4	2.9-6.2	1.5-2.6	1.4-3.1	0-1	0-1.5
Cayman	22-39	22-41	2.2-4.7	2.2-6.6	0.9-3.8	1-4	0-2.6	0-2.7
Cuba (Punta Maisi)	18-32	17-34	2.6-5.8	3.1-8.1	1.3-4.3	1.3-4.6	0-2	0-2.2
Dom. Republic (Las Americas)	25-35	23-37	2.4-4.8	1.8-5.1	0.4-3	0.6-3.5	0-2	0-1.7
Dominica (Canefield)	41-54	40-55	2.7-4.7	2.4-5.7	1-2.6	0.9-3.1	0-1.1	0-1.9
Dominica (Douglas Charles)	57-69	56-71	3-5.8	3-6.8	1.7-3.7	1.6-4	0-1.2	0-1.7
Grenada (MBIA)	33-48	32-47	3.4-5.6	3.1-6	1.6-3.4	1.5-4.2	0-2	0-2.2
Guyana_73	13-25	14-28	1.3-3.5	1.1-3.5	0.1-2.4	0.3-3	0-1.4	0-1.3
Guyana (Albion)	18-40	18-49	0.8-4.5	0.7-5.5	0-2.3	0.2-2.7	0-1.5	0-1.8
Guyana (Blairmont)	20-41	22-47	1.1-3.9	1.1-4.3	0.4-2.1	0.3-2.6	0-1	0-1.6
Guyana (Charity)								
Guyana (Enmore)	18-49	21-49	0.9-4.3	1.3-4.9	0.4-2.9	0.6-3.2	0-1.9	0-1.6
Guyana (Georgetown)	28-46	31-52	1.3-4.5	1.4-5.3	0.4-2.8	0.7-3.2	0-2	0-2.3
Guyana (Greatfall)								
Guyana (New Amsterdam)	23-40	23-45	1.1-3.9	0.9-4.9	0.4-2.3	0.5-2.7	0-1	0-1.7
Guyana (Skeldon)	26-39	25-41	1.3-3.8	1.5-4	0.4-2.1	0.6-2.3	0-2	0-1.5
Guyana (Timehri)	40-51	37-54	1.7-4.1	1.9-5	0.4-2.3	0.5-2.8	0-1	0-1.1
Guyana_Wales								
Jamaica (Worthy Park)	24-39	23-42	2.6-5.1	2.3-5	1.1-2.6	1.2-3.4	0-1	0-1.4
Martinique (FDF Desaix)	51-61	47-63	3.4-6.2	2.8-6.5	1.5-3.2	1.5-3.7	0-2	0-1.7
Puerto Rico (San Juan)	39-52	36-55	3-6	3-6	0.9-3.4	1.1-4	0-1	0-1.1
St. Lucia (Hewanorra)	42-54	40-56	3-5.4	2.8-5.4	1.3-3.4	1.2-3.8	0-1.1	0-1.5
St. Maarten (TNCM)	37-50	34-51	3.1-5.6	2.8-6	1.5-3.9	1.4-3.9	0-2	0-2.9
St. Vincent (ET Joshua)	52-64	51-66	3.4-6.4	2.9-6.7	1.8-3.7	1.6-4.1	0-2	0-2.4
Suriname (Zanderij)	28-44	29-47	1.3-2.6	1.3-2.7	0-1.7	0.2-3.3	0-1	0-0.8
Tobago (ANR RobinOND)	41-53	40-53	3-5.6	2.4-5.5	1.3-3.4	1.3-3.1	0-1	0-1.6
Trinidad (Piarco)	39-50	37-49	3.5-6	3.3-6	1.5-3.7	1.6-3.7	0-2	0-2.1

**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**

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