

Rainfall frequency and extreme forecasts

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Wet days and Wet spells Outlooks April to June 2026

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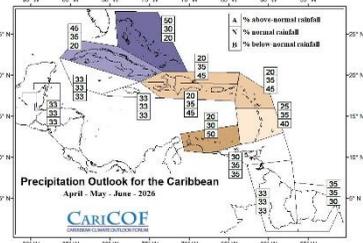
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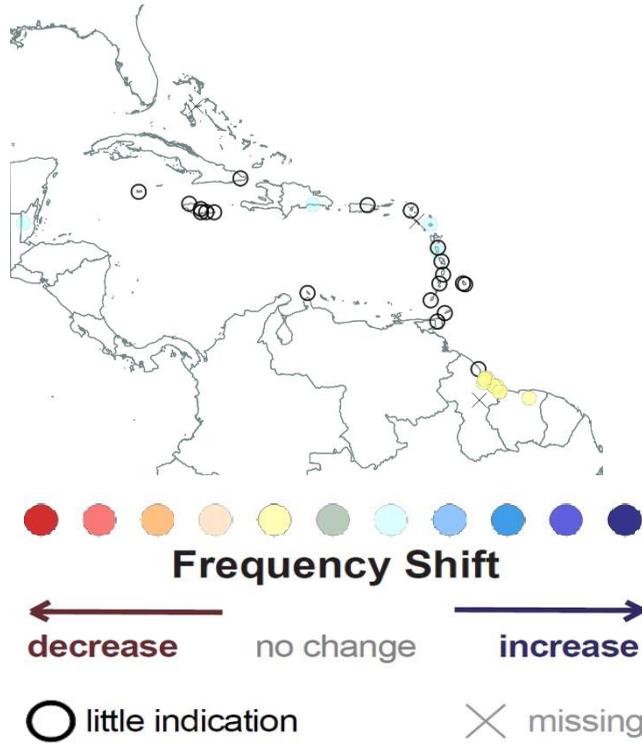
Wet spells frequency shifts

Forecast for: April to June 2026

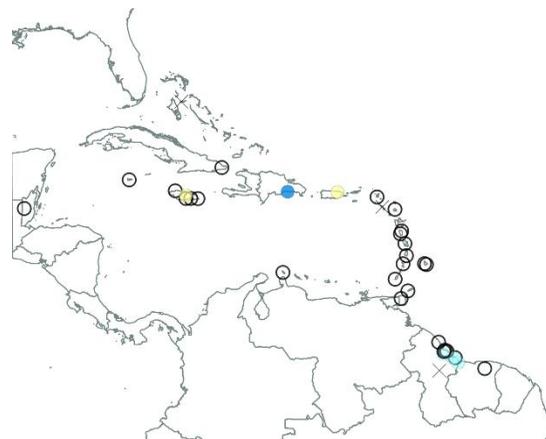
Precipitation outlook



AMJ 2026 frequency of 7-day wet spells



AMJ 2025 frequency of 7-day very wet spells



USUALLY: 1 to 4 wet spells (ABC Islands up to 2; coastal Guianas: 3 to 6) occur from April to June, with 1 or 2 of them ending up very wet (ABC Islands: up to 1; coastal Guianas: 1 to 4).

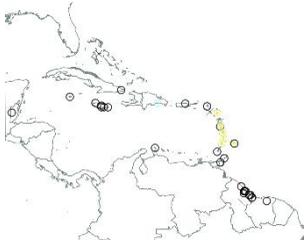
FORECAST: Rainfall totals are *likely* to be at least as high as usual in Cuba and The Bahamas, but the usual or less in the ABC Islands, Hispaniola, US C'bean Territories and the Lesser Antilles.

- A slightly higher than usual number of 7-day wet spells is forecast for Antigua, Belize, Dominica and the Dominican Republic whereas a slightly lower than usual number is forecast for coastal Guyana (*low confidence*).
- A higher than usual number of 7-day very wet spells is forecast in the Dominican Republic (*medium confidence*).

IMPLICATIONS:

- Water recharge rates in smaller and larger surface reservoirs and in rivers will *likely* accelerate into April and May (Greater Antilles & Guianas) or into June (Belize & Lesser Antilles).
- The potential for long-term flooding potential associated with recurrent very wet spells is expected to rapidly increase to *high* in May and June when the wet season returns.
- These trends *may* manifest significantly slower than in most years, should an El Niño event develop before June.

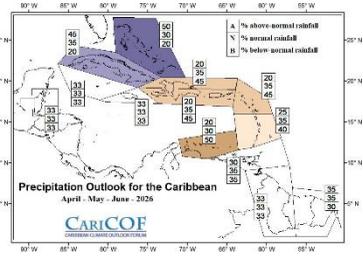
Wet days outlook



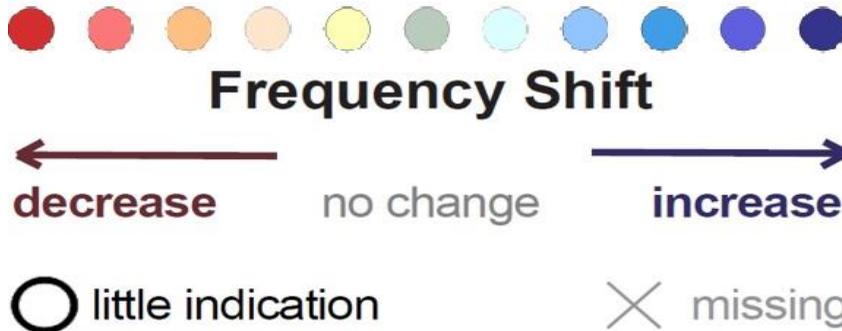
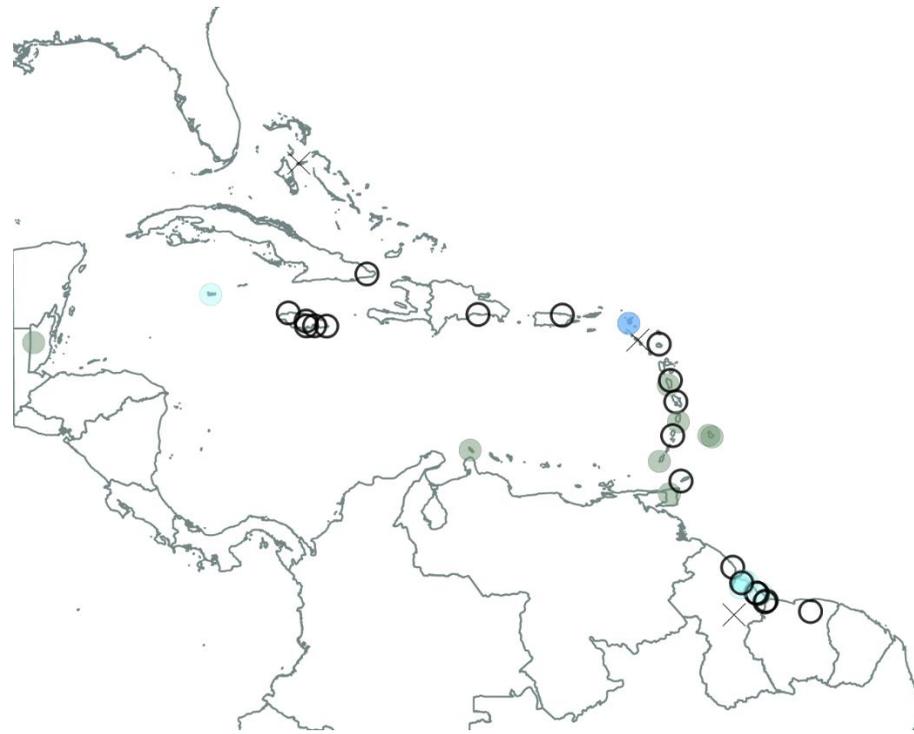
Extreme wet spells frequency shifts

Forecast for: April to June 2026

Precipitation outlook



AMJ 2026 frequency of extreme (top 1%) 3-day wet spells



USUALLY: Up to 1 or 2 extreme wet spells occur between April to June (Guianas: up to 2 or 3).

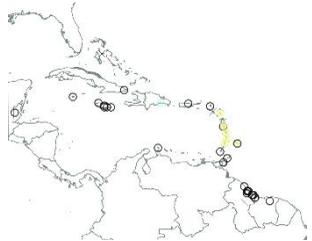
FORECAST: Rainfall totals are *likely* to be at least as high as usual in Cuba and The Bahamas, but the usual or less in the ABC Islands, Hispaniola, US C'bean Territories and the Lesser Antilles.

- A higher than usual number of extreme wet spells is forecast for in Grand Cayman, parts of coastal Guyana and Sint Maarten (*low to medium confidence*).

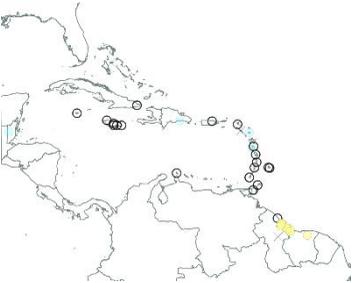
IMPLICATIONS:

- A rapid increase in the chance of extreme wet spells and the associated potential for flash floods and cascading hazards in April and May is forecasted to lead to high potential across most of the region (with the *likely* exception of the ABC Islands).
- This trend *may* manifest significantly slower than in most years, should an El Niño event develop before June.

Wet days outlook



Wet spells outlook



Very wet spells outlook



April to June 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)	15-29	15-34	0.9-2.6	0.6-2.9	0.2-1.3	0-1.4	0-1	0-1
Aruba (Beatrix)	4-15	2-14	0.4-2.6	0.4-2.4	0-1.3	0-1	0-0	0-0
Barbados (CIMH)	15-29	14-31	0.4-1.7	0.3-2.2	0-0.9	0-1	0-0	0-0
Barbados (GAIA)	18-29	15-33	0.4-2.2	0.4-2.9	0-0.9	0-1	0-0	0-0
Belize (C. Farm)	9-17	7-20	0.4-1.4	0.2-2.1	0-0.9	0-0.8	0-0	0-0
Cayman	7-16	7-21	0-1.3	0-2.3	0-0.8	0-1		
Cuba (Punta Maisi)	10-16	7-17	1.7-3.1	1.2-3.6	0.4-1.8	0.4-1.9	0-1	0-0.6
Dom. Republic (Las Americas)	12-21	10-24	0.9-2.3	0.8-4	0.4-1.5	0.3-1.6	0-0	0-0.1
Dominica (Canefield)	25-35	22-43	0-2.2	0.1-3.1	0-1	0-1	0-0	0-0
Dominica (Douglas Charles)	38-56	33-58	0.4-2.4	0.5-3.2	0-1.7	0-1.6	0-0.6	0-0.4
Grenada (MBIA)	11-24	11-26	0-1.8	0.1-3	0-0.8	0-1	0-0	0-0
Guyana_73	16-27	15-30	1.3-4.3	1-4.6	0.4-2.6	0.3-2.1	0-1.1	0-0.2
Guyana (Albion)	23-37	20-40	0.9-3.5	0.7-3.3	0-1.8	0.1-1.7	0-1	0-0.4
Guyana (Blairmont)	24-43	21-45	0.9-3.3	0.6-3.1	0.4-1.7	0.1-1.6	0-1	0-0.2
Guyana (Charity)								
Guyana (Enmore)	24-38	23-40	1.3-3	1-2.8	0.4-2	0.3-1.6	0-1.1	0-0.5
Guyana (Georgetown)	23-42	22-44	0.7-3.4	0.5-2.8	0-2.1	0.1-1.7	0-1	0-0.3
Guyana (Greatfall)								
Guyana (New Amsterdam)	24-41	22-45	0.9-3.4	0.6-3.5	0.3-2.2	0.1-1.8	0-1	0-0.5
Guyana (Skeldon)	23-41	22-43	1.3-3.9	0.9-4.5	0.4-2.4	0.2-2	0-1	0-0.1
Guyana (Timehri)	25-45	24-49	0.4-3.1	0.4-3.2	0-2	0.1-1.6	0-1	0-0.3
Guyana_Wales								
Jamaica (Worthy Park)	14-25	13-29	0.9-3.1	0.5-4.2	0-2.1	0-1.9	0-0	0-0
Martinique (FDF Desaix)	30-47	28-51	0.4-1.8	0.3-2.4	0-0.9	0-1.3	0-0	0-0
Puerto Rico (San Juan)	21-35	20-39	0.9-2.8	0.9-3.7	0.4-1.7	0.2-2.2	0-1	0-1.1
St. Lucia (Hewanorra)	21-35	18-38	0-2.6	0.3-3.2	0-1.3	0-1.5	0-1	0-0.2
St. Maarten (TNM)	22-38	22-44	0.9-2.9	0.8-5.5	0.2-1.3	0-1.5	0-0	0-0
St. Vincent (ET Joshua)	31-48	29-53	0-2.6	0.3-3.2	0-1.3	0-1.5	0-0	0-0
Suriname (Zanderij)	37-55	32-59	1.5-4.9	1.1-4.7	0.9-2.7	0.7-3.3	0-1	0-1.2
Tobago (ANR RobinNDJ)	12-31	13-31	0-1.3	0-1.3	0-0.4	0-1	0-0	0-0
Trinidad (Piarco)	11-32	11-30	0.2-2	0.1-2.7	0-1.3	0-1.4	0-0	0-0

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



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