

Rainfall frequency and extreme forecasts

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Wet days and Wet spells Outlooks March to May 2026

Coordination: Caribbean Institute for Meteorology & Hydrology

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Participating territories

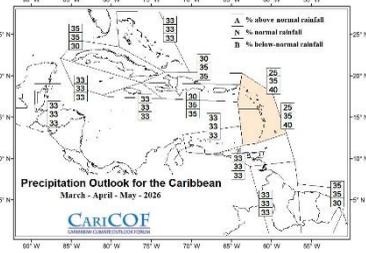
Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haïti, Jamaica, Martinique, Puerto Rico, St. Barth's, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Martin, St. Vincent & the Grenadines, Suriname,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



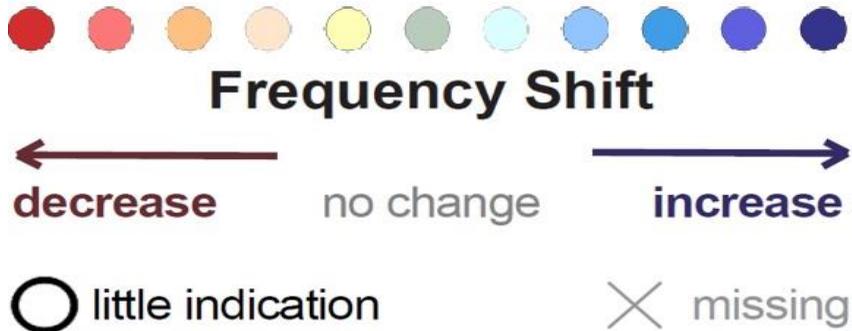
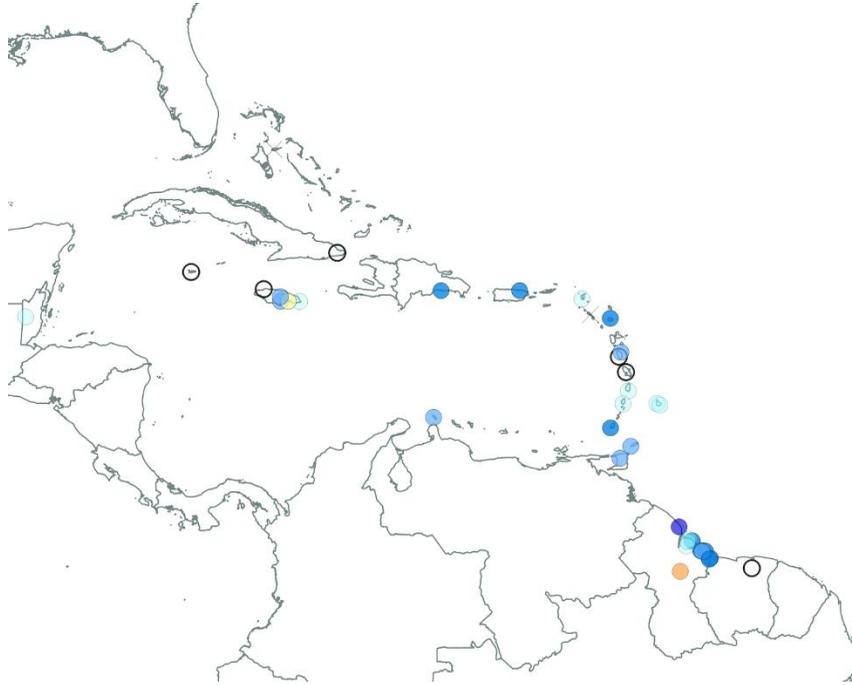
Wet day frequency shifts

Forecast for: March to May 2026

Precipitation outlook



MAM 2026
Frequency of wet days



USUALLY: Out of 90 days in Mar-Apr-May, there are about 15 to 30 wet days in low lying, 30-50 in mountainous locations (ABC Islands: 1-10; coastal Guianas: 30-50).

FORECAST: MAM may be even drier than usual in the Lesser Antilles.

- Though rainfall frequency is typically lowest for the year during this period, a slightly higher than usual number of wet days is expected across the region (*medium to high confidence*).

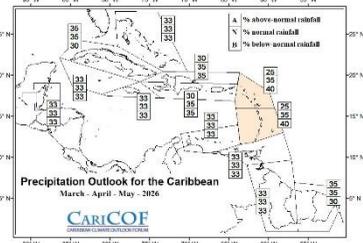
IMPLICATIONS:

- Relatively few wet days during the second half of the dry season, translating to: (i) few rain disruptions of outdoor activities; (ii) drier surfaces and vegetation; (iii) environmental conditions less conducive to moisture-related pests; (iv) heightened wildfire potential.

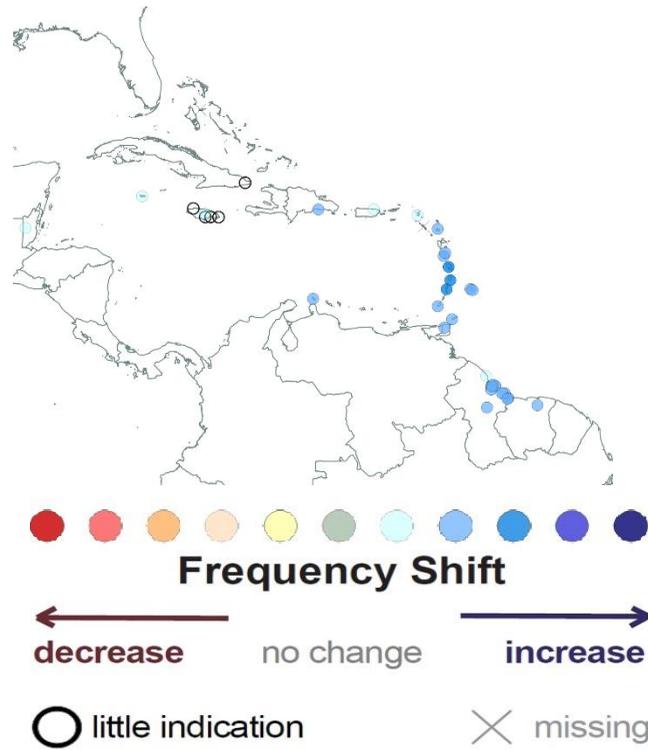
Wet spells frequency shifts

Forecast for: March to May 2026

Precipitation outlook



MAM 2026 frequency of 7-day wet spells



MAM 2026 frequency of 7-day very wet spells



USUALLY: Up to 3 wet spells (coastal Guianas: up to 5) occur from Mar to May, with up to 2 of them ending up very wet (coastal Guianas: up to 3).

FORECAST: MAM may be even drier than usual in the Lesser Antilles.

- A slightly higher than usual number of 7-day wet and very spells is expected across most parts of the region (*medium confidence*).

IMPLICATIONS:

- Long-term flooding potential should be *limited to moderate* in the islands and Belize, increasing in May.
- By comparison, *moderate* potential is forecast in the coastal Guianas, increasing towards May.
- Water depletion rates in surface reservoirs and in rivers, *possibly* slightly slower than usual in the Lesser Antilles.

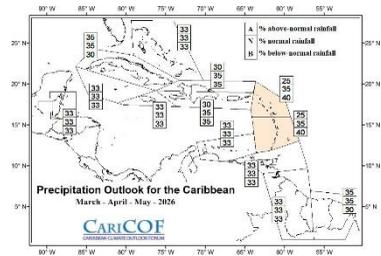
Wet days outlook



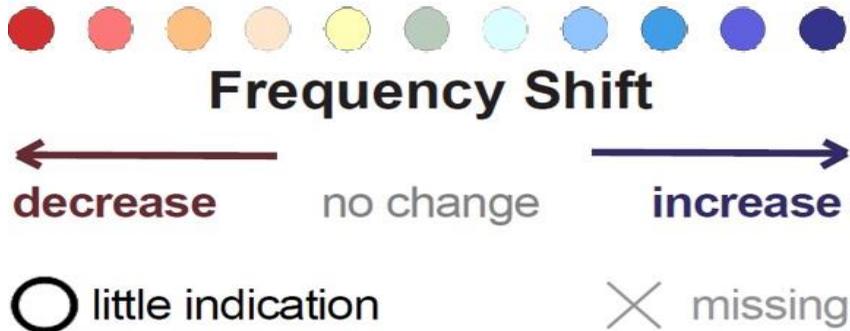
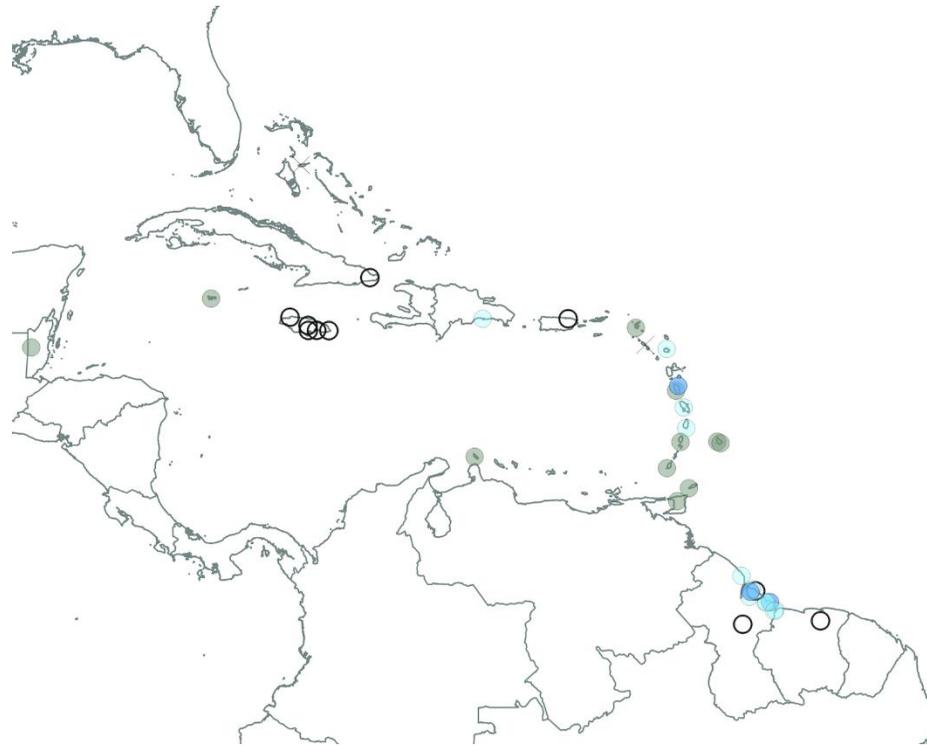
Extreme wet spells frequency shifts

Forecast for: March to May 2026

Precipitation outlook



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



USUALLY: Up to 1 extreme wet spell occurs from March to May

FORECAST: MAM may be even drier than usual in the Lesser Antilles.

- The chance of occurrence for wet spells is forecast to be slightly higher than usual in coastal Guyana, Antigua, windward areas of the Windward Islands, and southern Dominican Republic (*low to medium confidence*).

IMPLICATIONS:

- The low chance of occurrence of extreme wet spells at this time in the Caribbean Islands and Belize, but moderate chance in the coastal Guianas and in mountainous areas, translates to a *limited to moderate* potential for flash floods and cascading hazards.

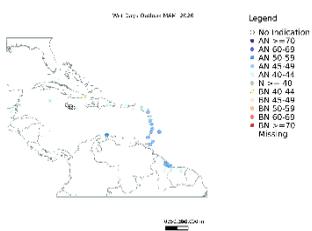
Wet days outlook



Wet spells outlook



Very wet spells outlook



March to May 2026

	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)	16-28	18-38	8.7-29.0	9.3-36.5	2.9-17.1	4.3-21.5	0.0-2.9	0.0-3.5
Aruba (Beatrix)	2-9	3-18	2.9-8.7	2.7-14.2	0.0-5.8	0.0-10.7	0.0-0.0	0.0-0.0
Barbados (CIMH)	12-28	14-34	2.9-15.2	6.0-24.7	0.0-11.3	0.0-13.6	0.0-0.0	0.0-0.0
Barbados (GAIA)	14-30	15-36	2.9-17.4	6.9-26.1	0.3-11.6	1.7-15.0	0.0-2.9	0.0-0.0
Belize (C. Farm)	9-21	9-24	2.9-12.6	4.2-17.7	0.3-8.7	0.0-8.7	0.0-0.0	0.0-0.0
Cayman	7-21	4-17	5.8-17.4	6.9-22.5	2.9-9.8	1.1-13.3	0.0-2.9	0.0-2.8
Cuba (Punta Maisi)	7-18	6-22	8.7-26.1	8.4-30.8	2.9-14.2	2.2-14.9	0.0-2.9	0.0-3.8
Dom. Republic (Las Americas)	12-24	17-36	8.7-26.1	11.0-35.9	2.9-17.1	5.7-22.0	0.0-2.9	0.0-1.9
Dominica (Canefield)	21-34	20-37	0.0-14.6	3.9-23.9	0.0-10.4	0.0-12.7	0.0-0.0	0.0-0.0
Dominica (Douglas Charles)	34-58	38-70	8.7-23.2	10.0-34.6	0.0-14.3	2.6-19.8	0.0-5.5	0.0-5.8
Grenada (MBIA)	9-25	10-40	0.0-11.6	3.0-22.1	0.0-8.4	0.0-13.8	0.0-0.0	0.0-0.0
Guyana_73	21-32	24-39	11.6-38.5	15.6-50.7	5.8-20.0	6.4-20.4	0.0-2.9	0.0-2.9
Guyana (Albion)	30-43	32-50	11.6-29.0	16.6-41.4	5.8-20.3	6.7-19.7	0.0-2.9	0.0-4.7
Guyana (Blairmont)	31-46	33-51	13.1-31.9	15.5-42.4	5.8-20.3	5.4-22.0	0.0-2.9	0.0-4.5
Guyana (Charity)	26-39	34-64	11.6-26.1	11.2-33.0	5.8-14.5	4.8-16.6	0.0-2.9	0.0-3.9
Guyana (Enmore)	32-42	33-51	11.6-31.9	14.1-44.6	5.8-17.4	5.5-17.1	0.0-3.2	0.0-4.2
Guyana (Georgetown)	32-48	32-51	8.7-29.0	14.8-39.1	5.8-14.5	5.9-18.5	0.0-2.9	0.0-3.6
Guyana (Greatfall)	40-58	22-63	13.8-34.8	15.3-50.5	5.8-25.5	5.1-28.4	0.0-5.8	0.0-7.6
Guyana (New Amsterdam)	32-47	33-58	11.6-31.9	15.5-42.0	5.8-20.0	7.1-21.9	0.0-2.9	0.0-4.2
Guyana (Skeldon)	32-47	38-57	11.6-34.8	17.3-51.4	5.8-20.5	6.7-24.3	0.0-2.9	0.0-4.3
Guyana (Timehri)	34-52	33-52	11.6-31.9	16.5-41.2	3.2-17.4	5.4-21.3	0.0-5.8	0.0-5.4
Guyana_Wales	34-47	33-51	11.6-31.0	14.8-42.0	5.8-22.9	5.4-22.7	0.0-2.9	0.0-4.9
Jamaica (Worthy Park)	19-31	19-35	14.5-29.0	11.2-32.3	3.2-17.4	4.1-23.0	0.0-2.9	0.0-3.8
Martinique (FDF Desaix)	28-45	25-49	5.8-20.3	8.0-28.8	2.9-14.2	3.1-16.7	0.0-0.0	0.0-0.0
Puerto Rico (San Juan)	23-36	27-46	5.8-26.1	9.6-32.0	3.2-17.6	6.6-23.4	0.0-2.9	0.0-3.5
St. Lucia (Hewanorra)	19-37	18-43	2.9-20.3	6.9-27.4	0.0-11.6	1.5-15.5	0.0-2.6	0.0-2.6
St. Maarten (TNM)	19-32	19-35	6.1-20.3	7.7-24.3	2.9-9.3	0.0-9.9	0.0-2.9	0.0-0.0
St. Vincent (ET Joshua)	30-48	28-57	2.9-20.3	6.3-30.1	0.0-11.6	0.0-13.0	0.0-0.0	0.0-0.0
Suriname (Zanderij)	45-59	42-62	17.4-40.6	20.0-57.5	11.6-23.8	10.1-32.5	0.0-5.8	0.0-5.9
Tobago (ANR RobinNDJ)	13-30	15-42	0.0-11.6	4.8-22.7	0.0-5.8	0.0-8.1	0.0-0.0	0.0-0.0
Trinidad (Piarco)	12-31	14-40	2.9-17.4	5.2-26.4	0.0-11.3	0.0-13.2	0.0-2.9	0.0-3.5

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



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