

Rainfall frequency and extreme forecasts

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Wet days and Wet spells Outlooks July to September 2026

*Coordination – CIMH – Dr. Cédric J. Van Meerbeeck
caricof@cimh.edu.bb*

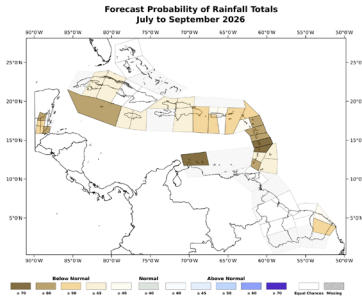
Participating territories

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

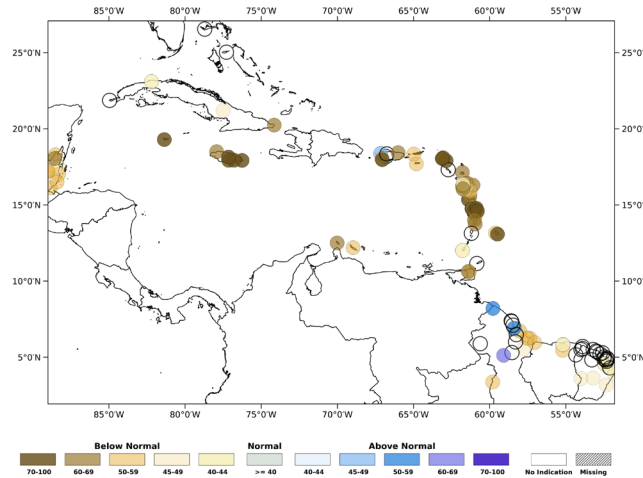


Wet day frequency shifts

Forecast for: July-August-September (JAS) 2026



Frequency of wet days in JAS 2026



USUALLY: Out of 92 days in Jul-Aug-Sep, there are about 35 to 59 wet days in relatively flat areas of Belize and the islands, but 50 to 65 in mountainous areas and in coastal Guianas (ABC Islands: 5-15).

FORECAST: Rainfall totals in JAS are *likely* to be the usual or less across most of the region.

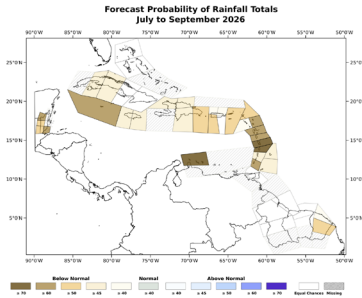
- Fewer wet days than usual are forecast across the Antilles and in Belize (*medium to high confidence*), but greater forecast uncertainty for the Guianas (*low to medium confidence*).

IMPLICATIONS:

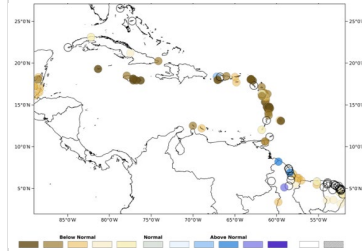
- Lingering wildfire potential in a few islands of the Antilles followed by a slower than usual increase in rainfall disruptions of outdoor activities.
- Slower than usual increase in surface wetness could make environmental conditions less conducive to moisture related pests.

Wet spells frequency shifts

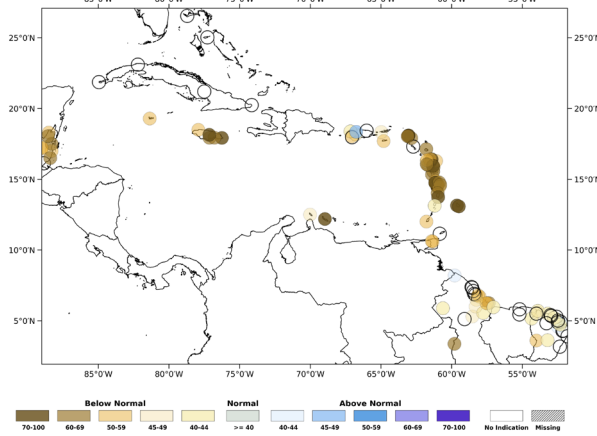
Forecast for: July-August-September (JAS) 2026



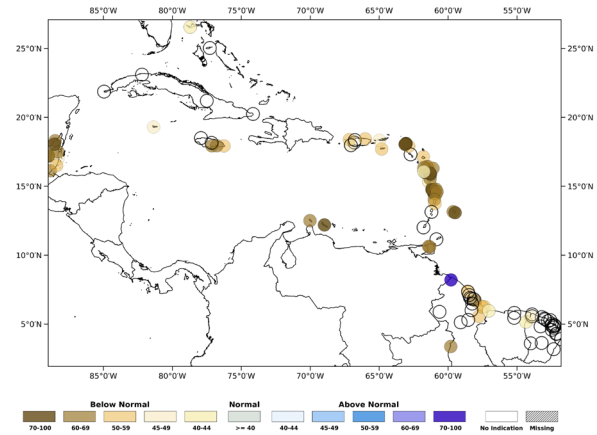
Wet days outlook



JAS 2026 frequency of 7-day wet spells



JAS 2026 frequency of 7-day very wet spells



USUALLY: 3 to 6 wet spells (ABC Islands: up to 3) occur from July to September, with 1 to 3 of them ending up very wet (ABC Islands: up to 2).

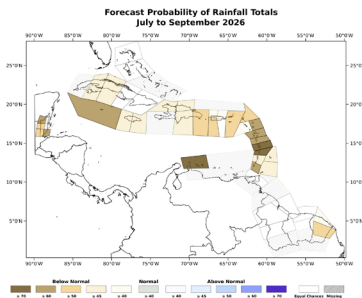
FORECAST: Rainfall totals in JAS are *likely* to be the usual or less across most of the region.

- Fewer wet spells and very wet spells than usual along the Caribbean Islands, Belize and a few locations in the Guianas (*medium to high confidence*).

IMPLICATIONS:

- Slower than usual recharge of large water reservoirs and soil moisture throughout the region in view of the slower than usual increasing number of wet spells into the wet season.
- Fewer than usual very wet spells translate to less frequent and less intense surface water runoff.
- Flood potential is expected to (1) increase from *moderate* in July to *high* in August and September in Belize & the islands; (2) decrease from *high* to *moderate* in August in the Guianas.

Precipitation outlook



Extreme wet spells frequency shifts

Forecast for: July-August-September (JAS) 2026

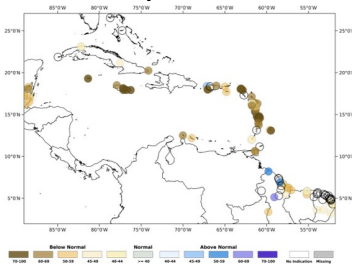
JAS 2026 frequency of extreme (top 1%) 3-day wet spells

USUALLY: Up to 1 extreme wet spell occurs between June to August (ABC Islands: up to 1).

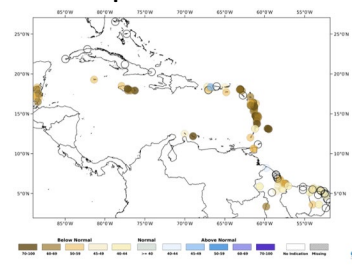
FORECAST: Rainfall totals in JAS are *likely* to be the usual or less across most of the region.

- *No significant changes from the usual chance of occurrence of extreme wet spells (low confidence).*

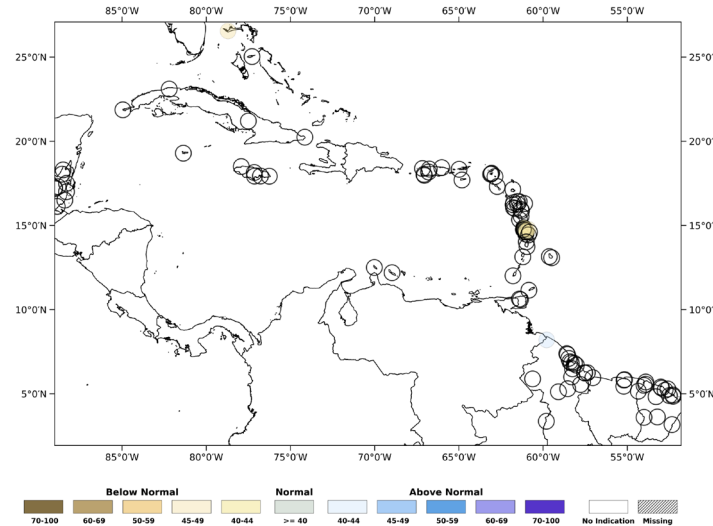
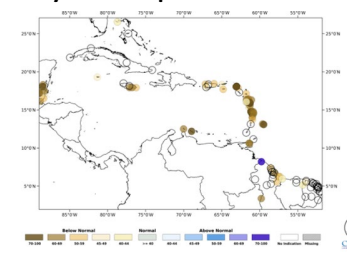
Wet days outlook



Wet spells outlook



Very wet spells outlook



IMPLICATIONS:

- In view of the chance of extreme wet spells increasing towards August and September in Belize and the islands, the potential for flash floods and associated hazards is expected to increase to *high*.
- The inverse trend is expected in the Guianas by the end of August, decreasing from *high* to *moderate*.

July to September 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)	33 - 42	27 - 40	2 - 7	0 - 5	0 - 4	1 - 2	0 - 1	0 - 0.2
Aruba (Beatrix)	5 - 15	3 - 12	1 - 5	1 - 3	0 - 2	0 - 2	0 - 1	0 - 0
Bahamas (Freeport)	35 - 46	38 - 44	4 - 9	7 - 8	2 - 5	3 - 4	0 - 2	0 - 2.5
Bahamas (LPIA)	36 - 48	44 - 45	4 - 8	6 - 7	1 - 5	3 - 3	0 - 1	0.4 - 0.5
Barbados (CIMH)	37 - 48	32 - 45	4 - 8	2 - 6	1 - 5	0 - 3	0 - 1	0.3 - 1.1
Barbados (GAIA)	38 - 48	26 - 41	4 - 8	0 - 6	1 - 4	0 - 3	0 - 2	0 - 0.4
Belize (Belmopan)	33 - 50	40 - 46	2 - 8	3 - 7	1 - 5	2 - 3	0 - 1	0 - 0
Belize (Central-Farm)	32 - 48	30 - 43	2 - 7	1 - 6	1 - 5	0 - 3	0 - 1	0 - 0.6
Belize (Libertad)	26 - 42	24 - 37	3 - 6	3 - 6	1 - 4	0 - 3	0 - 1	0 - 0.3
Belize (Melinda)	41 - 55	42 - 51	2 - 6	2 - 6	1 - 3	1 - 3	0 - 0	0 - 0
Belize (PG-Airport)	36 - 52	41 - 46	2 - 7	1 - 5	1 - 3	0 - 2	0 - 1	0 - 0
Belize (Punta-Gorda)	53 - 71	46 - 62	6 - 11	8 - 11	3 - 8	1 - 6	0 - 4	1.3 - 1.5
Belize (Savannah)	43 - 60	38 - 56	4 - 8	2 - 7	1 - 5	1 - 3	0 - 2	0.5 - 0.6
Belize (Spanish-Lookout)	27 - 42	29 - 37	2 - 7	2 - 6	1 - 4	0 - 3	0 - 2	0.4 - 1.3
Belize (Tower-Hill)	28 - 46	26 - 39	3 - 8	1 - 6	1 - 4	1 - 3	0 - 1	0 - 0
Cayman (Grand-Cayman-Meteo)	30 - 46	21 - 36	2 - 8	1 - 7	0 - 5	2 - 3	0 - 1	0 - 0
Cuba (Cabo-San-Antonio)	31 - 42	39 39	4 - 8	7 - 7	1 - 6	3 - 4	0 - 1	0 - 0.8
Cuba (Camaguey)	30 - 39	29 35	4 - 7	6 - 6	1 - 4	3 - 3	0 - 1	0 - 0.3
Cuba (Casablanca)	21 - 43	26 33	2 - 8	5 - 7	0 - 6	3 - 4	0 - 2	0 - 0.7
Cuba (Punta-de-Maisi)	11 - 20	9 15	0 - 4	2 - 3	0 - 3	2 - 2	0 - 1	0 - 0.3
Curacao (TNCC)	8 - 18	7 14	0 - 5	0 - 2	0 - 2	0 - 1	0 - 0	0 - 0
Dominica (Canefield)	47 - 59	38 50	4 - 10	2 - 7	2 - 6	2 - 4	0 - 2	0.6 - 0.8
Dominica (Douglas-Charles)	58 - 68	47 63	3 - 7	2 - 6	1 - 4	0 - 3	0 - 1	0 - 0.3
French-Antilles (St-Barthelemy-Meteo)	28 - 42	21 35	1 - 5	0 - 4	0 - 4	1 - 2	0 - 1	0 - 0
French-Antilles (St-Martin-Grand-Case)	32 - 45	23 40	3 - 7	0 - 5	1 - 4	0 - 2	0 - 1	0 - 0
French-Antilles (St-Martin-Marigot Gendarmi)	29 - 52	24 43	2 - 6	0 - 4	0 - 3	0 - 2	0 - 1	0 - 0

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

July to September 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
French-Guiana (Apatou)	37 - 51	42 - 48	0 - 4	2 - 3	0 - 2	0 - 1	0 - 1	0 - 0
French-Guiana (Awala-Yalimapo)	15 - 29	20 - 25	0 - 3	1 - 2	0 - 1	0 - 0	0 - 0	0 - 0
French-Guiana (Cacao)	46 - 56	50 - 55	0 - 1	0 - 1	0 - 0	0 - 0	0 - 0	0 - 0
French-Guiana (Camopi-SAPC)	33 - 44	34 - 43	0 - 2	0 - 1	0 - 1	0 - 0	0 - 0	0 - 0
French-Guiana (Camp-Szutz)	40 - 55	45 - 50	0 - 1	0 - 0	0 - 1	0 - 0	0 - 0	0 - 0
French-Guiana (Cayenne-Matoury)	36 - 45	40 - 44	0 - 1	0 - 2	0 - 0	0 - 0	0 - 0	0 - 0
French-Guiana (Cayenne-Suzini)	23 - 33	29 - 30	0 - 1	0 - 0	0 - 1	0 - 0	0 - 0	0 - 0
French-Guiana (Charvein)	29 - 49	41 - 43	0 - 4	1 - 3	0 - 1	0 - 0	0 - 0	0 - 0
French-Guiana (Degrad-Cannes)	26 - 37	33 - 34	0 - 1	0 - 1	0 - 0	0 - 0	0 - 0	0 - 0
French-Guiana (Ile-Royale)	22 - 33	28 - 29	0 - 2	1 - 2	0 - 1	0 - 0	0 - 0	0 - 0
French-Guiana (Iracoubo)	29 - 41	38 - 39	0 - 2	1 - 1	0 - 1	0 - 0	-	-
French-Guiana (Kourou-CSG)	21 - 33	29 - 30	0 - 1	0 - 1	0 - 1	0 - 0	0 - 0	0 - 0
French-Guiana (Maripasoula)	36 - 50	37 - 48	0 - 3	1 - 2	0 - 2	0 - 1	0 - 0	0 - 0
French-Guiana (Montsinery)	35 - 44	41 - 41	0 - 2	1 - 1	0 - 1	0 - 0	0 - 0	0 - 0
French-Guiana (Regina)	39 - 49	47 - 48	0 - 1	1 - 1	0 - 0	0 - 0	-	-
French-Guiana (Roura)	42 - 57	52 - 54	0 - 2	0 - 2	0 - 1	0 - 0	-	-
French-Guiana (Saint-Elie)	37 - 47	45 - 45	0 - 3	1 - 1	0 - 1	0 - 0	0 - 1	0 - 0
French-Guiana (Saint-Georges)	25 - 38	27 - 36	0 - 1	0 - 0	0 - 0	0 - 0	-	-
French-Guiana (Saint-Laurent)	41 - 51	42 - 49	0 - 3	2 - 2	0 - 1	0 - 1	0 - 0	0 - 0
French-Guiana (Savane-Combi)	26 - 42	35 - 36	0 - 1	0 - 1	0 - 1	0 - 0	0 - 0	0 - 0
French-Guiana (Sinnamary)	25 - 35	31 - 31	0 - 2	1 - 1	0 - 1	0 - 0	0 - 0	0 - 0
French-Guiana (Tonate)	22 - 34	28 - 29	0 - 2	0 - 1	0 - 0	0 - 0	-	-
French-Guiana_Saul_SAPC	36 - 48	37 - 45	0 - 3	1 - 2	0 - 1	1 - 1	0 - 1	0 - 0.3
Grenada (MBIA)	35 - 48	40 - 44	3 - 7	2 - 7	1 - 5	2 - 3	0 - 1	0.6 - 0.7
Guadeloupe (Gourbeyre-Gros-Morne-Dole)	65 - 74	66 - 74	3 - 6	2 - 5	1 - 4	0 - 3	0 - 2	0 - 0
Guadeloupe (Grand-bourg-les-basses-Aero)	44 - 55	37 - 52	2 - 7	1 - 6	1 - 5	0 - 2	0 - 2	0 - 0

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	Climatology	Forecast	Climatology	Forecast	Climatology	Forecast	Climatology	Forecast
Guadeloupe (La-Desirade-Gendarmerie)	37 - 48	26 - 43	2 - 7	2 - 6	1 - 3	0 - 3	0 - 2	0 - 0.3
Guadeloupe (Le-Raizet-Aero)	42 - 53	45 - 53	2 - 7	1 - 5	1 - 4	0 - 3	0 - 1	0 - 0.3
Guadeloupe (Petit-Canal-Gros-Cap)	39 - 54	34 - 50	2 - 7	1 - 5	1 - 4	0 - 3	0 - 1	0 - 0
Guadeloupe (Pointe-Noire-Bellevue)	50 - 63	44 - 58	4 - 9	4 - 8	2 - 6	1 - 5	0 - 2	1 - 1.0
Guadeloupe (Port-Louis-Gendarmerie)	38 - 52	32 - 48	3 - 6	2 - 6	1 - 3	0 - 3	0 - 1	0 - 0.3
Guadeloupe (Saint-Louis-Presbytere)	56 - 72	55 - 69	3 - 7	2 - 5	1 - 4	0 - 2	0 - 1	0 - 0
Guadeloupe (Sainte-Rose-Clugny)	42 - 53	42 - 52	4 - 8	3 - 8	1 - 5	1 - 4	0 - 2	0 - 0
Guadeloupe (Vieux-Habitants-Gend-SAPC)	37 - 50	28 - 44	5 - 9	3 - 7	2 - 6	3 - 5	0 - 2	0.8 - 1.3
Guyana (Albion-Front)	24 - 38	21 - 33	1 - 5	1 - 4	1 - 4	0 - 2	0 - 1	0 - 0.3
Guyana (Blairmont-Front)	29 - 44	30 - 39	2 - 6	1 - 5	0 - 3	1 - 2	0 - 1	0 - 0
Guyana (Charity)	25 - 45	37 - 40	0 - 4	2 - 3	0 - 2	0 - 2	0 - 0	0 - 0
Guyana (De-Kindren-Back)	39 - 52	37 - 49	1 - 5	3 - 3	0 - 2	1 - 1	0 - 1	0 - 0
Guyana (Ebini)	37 - 50	39 - 48	3 - 6	4 - 5	1 - 4	1 - 3	0 - 1	0.3 - 1.1
Guyana (Enmore-Front)	29 - 45	23 - 42	0 - 5	1 - 4	0 - 3	0 - 2	0 - 1	0 - 0
Guyana (Georgetown)	34 - 47	35 - 45	2 - 6	2 - 4	0 - 3	1 - 2	0 - 1	0 - 0
Guyana (Great-Falls)	38 - 53	49 - 50	3 - 6	2 - 5	1 - 3	2 - 3	0 - 1	0 - 0
Guyana (Kamarang)	45 - 60	53 - 58	3 - 5	3 - 5	1 - 3	2 - 2	0 - 1	0.4 - 0.5
Guyana (La-Bagat)	21 - 45	28 - 51	2 - 6	3 - 5	1 - 3	2 - 2	0 - 1	0 - 0.5
Guyana (Lethem)	32 - 52	31 - 47	4 - 8	3 - 6	1 - 5	0 - 3	0 - 1	0 - 0
Guyana (Mabaruma)	42 - 62	48 - 78	2 - 6	3 - 6	0 - 3	1 - 5	0 - 1	0.1 - 0.9
Guyana (Mc-Nabb-Back)	28 - 45	35 - 41	1 - 4	2 - 3	0 - 2	1 - 1	0 - 0	0 - 0
Guyana (New-Amsterdam)	30 - 44	28 - 40	2 - 6	1 - 5	1 - 3	1 - 2	0 - 1	0 - 0
Guyana (Onderneeming)	22 - 46	31 - 40	1 - 6	2 - 6	0 - 2	1 - 2	0 - 0	0 - 0
Guyana (Surama)	5 - 34	20 - 58	1 - 6	4 - 5	0 - 4	2 - 3	0 - 1	0.6 - 0.6
Guyana (Timehri)	45 - 58	50 - 54	2 - 6	2 - 5	0 - 3	2 - 2	0 - 1	0 - 0
Guyana (Wismar)	46 - 61	51 - 59	3 - 6	2 - 5	1 - 3	2 - 2	0 - 1	0 - 0

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July to September 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
Jamaica (Bodles-AWS)	10 - 24	6 - 18	2 - 6	0 - 4	1 - 4	0 - 2	0 - 1	0 - 1.6
Jamaica (Duckenfield-AWS)	23 - 43	15 - 33	2 - 6	0 - 3	0 - 3	0 - 2	0 - 1	0 - 0
Jamaica (Manley)	9 - 22	5 - 15	1 - 7	0 - 5	1 - 4	0 - 2	0 - 2	0 - 1.1
Jamaica (Sangster)	23 - 37	15 - 33	3 - 7	2 - 6	0 - 4	3 - 3	0 - 2	0 - 0.9
Jamaica (Worthy-Park)	27 - 43	19 - 32	2 - 8	1 - 5	1 - 5	3 - 3	0 - 2	0 - 0
Martinique (Ajoupa-Bouillon-Eden)	71 - 78	77 - 77	3 - 7	3 - 6	1 - 4	2 - 3	0 - 1	0 - 0
Martinique (Bassepointe-Chal)	57 - 71	55 - 68	3 - 7	3 - 6	1 - 5	2 - 3	0 - 1	0 - 0.8
Martinique (Diamant-Jacqua)	42 - 58	31 - 49	3 - 8	1 - 5	1 - 4	0 - 3	0 - 1	0 - 0.9
Martinique (Fond-Saint-Denis-Cadet)	63 - 73	60 - 71	4 - 9	2 - 7	2 - 5	1 - 3	0 - 1	0 - 0.9
Martinique (Fort-de-France-Desaix)	50 - 63	45 - 58	3 - 8	2 - 6	2 - 5	0 - 3	0 - 1	0 - 0
Martinique (Fort-de-France-Donis)	64 - 77	59 - 72	2 - 7	2 - 6	1 - 4	0 - 3	0 - 1	0 - 0
Martinique (Lamentin-Aero)	52 - 67	44 - 60	3 - 8	3 - 6	1 - 5	0 - 2	0 - 1	0 - 0
Martinique (Macouba-Bell)	61 - 69	61 - 69	3 - 7	2 - 6	1 - 3	0 - 3	0 - 1	0 - 0.2
Martinique (Morne-Rouge-Champ)	70 - 83	77 - 81	2 - 7	1 - 6	1 - 4	0 - 3	0 - 1	0 - 0.5
Martinique (Saint-Joseph-Lezard)	59 - 70	52 - 66	3 - 8	1 - 7	1 - 5	1 - 3	0 - 1	0 - 0.1
Martinique (Saint-Pierre-Depaz)	54 - 67	48 - 61	4 - 9	2 - 7	2 - 6	0 - 3	0 - 1	0.7 - 0.7
Martinique (Sainte-Anne-Seci)	47 - 56	45 - 55	2 - 7	2 - 6	1 - 4	0 - 3	0 - 1	0 - 0.4
Martinique (Trinite-Caravel)	36 - 50	28 - 44	3 - 8	1 - 5	1 - 4	0 - 2	0 - 2	0 - 0.7
Martinique (Vauclin)	43 - 54	36 - 47	2 - 7	0 - 5	1 - 4	0 - 3	0 - 1	0 - 0.3
Puerto-Rico (Adjuntas)	40 - 56	44 - 58	3 - 8	3 - 8	1 - 6	3 - 4	0 - 2	0.4 - 0.5
Puerto-Rico (Coloso)	40 - 52	44 - 58	5 - 9	6 - 8	2 - 5	1 - 5	0 - 2	0 - 1.0
Puerto-Rico (Lajas-Substation)	22 - 35	19 - 34	2 - 9	1 - 6	0 - 5	1 - 4	0 - 2	0 - 1.2
Puerto-Rico (Magueyes-Island)	12 - 27	5 - 17	1 - 7	5 - 7	0 - 4	2 - 3	0 - 2	0 - 0.1
Puerto-Rico (San-Juan)	39 - 50	32 - 47	4 - 7	5 - 6	1 - 5	0 - 4	0 - 1	0 - 0.7
Puerto-Rico_Arecibo_Observatory	36 - 52	38 - 52	4 - 8	5 - 12	1 - 5	3 - 3	0 - 2	0 - 0.3
St-Kitts-Nevis (St-Kitts-RLBAirport)	26 - 42	33 - 38	0 - 6	3 - 4	0 - 3	2 - 2	0 - 1	0 - 0

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

July to September 2026

St-Lucia (GFLCharles)
St-Lucia (Hewanorra)
St-Maarten (TNM)
St-Vincent (ET-Joshua)
Suriname (Cultuurtuin)
Suriname (Nieuw-Nickerie)
Suriname (Zanderij)
Suriname (Zorg-en-Hoop)
Trinidad-and-Tobago (Tobago-Crown-Point)
Trinidad-and-Tobago (Trinidad-Piarco)
Trinidad-and-Tobago (Trinidad-UWI-St-Augustine)
USVI (St-Croix)
USVI (St-Thomas)

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
49 - 63	43 - 56	4 - 8	1 - 6	2 - 5	0 - 3	0 - 1	0 - 0.7
42 - 55	37 - 48	3 - 7	0 - 6	1 - 4	1 - 3	0 - 2	0 - 0.3
34 - 50	24 - 39	2 - 7	0 - 5	1 - 4	0 - 2	0 - 2	0 - 0
40 - 61	59 - 62	3 - 7	3 - 6	1 - 4	2 - 3	0 - 1	0 - 0
35 - 50	41 - 51	-	-	-	-	0 - 1	0 - 0
27 - 38	24 - 38	2 - 5	3 - 4	1 - 3	1 - 2	0 - 1	0 - 0
36 - 47	34 - 46	1 - 4	3 - 3	1 - 3	2 - 2	0 - 1	0 - 0
31 - 47	35 - 44	1 - 4	3 - 3	1 - 3	2 - 2	0 - 1	0 - 0
35 - 48	39 - 48	4 - 7	5 - 6	2 - 4	3 - 3	0 - 1	0 - 0
45 - 56	42 - 52	3 - 7	2 - 6	1 - 4	0 - 3	0 - 1	0.6 - 0.7
37 - 52	30 - 45	3 - 9	2 - 8	1 - 5	0 - 3	0 - 1	0.5 - 0.8
28 - 40	25 - 34	3 - 7	2 - 6	1 - 4	0 - 3	0 - 1	0 - 0
25 - 41	19 - 40	3 - 7	1 - 6	1 - 4	1 - 3	0 - 1	0 - 1.1

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

grey none are expected



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

<https://rcc.cimh.edu.bb>

Coordination: Caribbean Institute for Meteorology & Hydrology
(CIMH)
Contact: caricof@cimh.edu.bb
Author(s): Dr. Cédric J. Van Meerbeek – *Climatologist*
(cmeerbeek@cimh.edu.bb)

The prototype for this product was developed in 2015 through a partnership between the CIMH and Columbia University's International Research Institute for Climate and Society (IRI), with the generous support of (1) the American People through the USAID funded HED Programme.

Development Team: Dr. Cedric VAN MEERBEEK, Dr. Teddy Allen, Dr. Simon MASON, Dr. Ángel MUÑOZ, Dr. Wazita SCOTT, Dale DESTIN

