

Dry Spells Outlook for December 2018 to February 2019 (experimental)

*Coordination: Caribbean Institute for Meteorology & Hydrology
Dr. Cédric J. Van Meerbeeck - Climatologist
Dr. Teddy Allen – Asst. Climatologist
caricof@cimh.edu.bb*

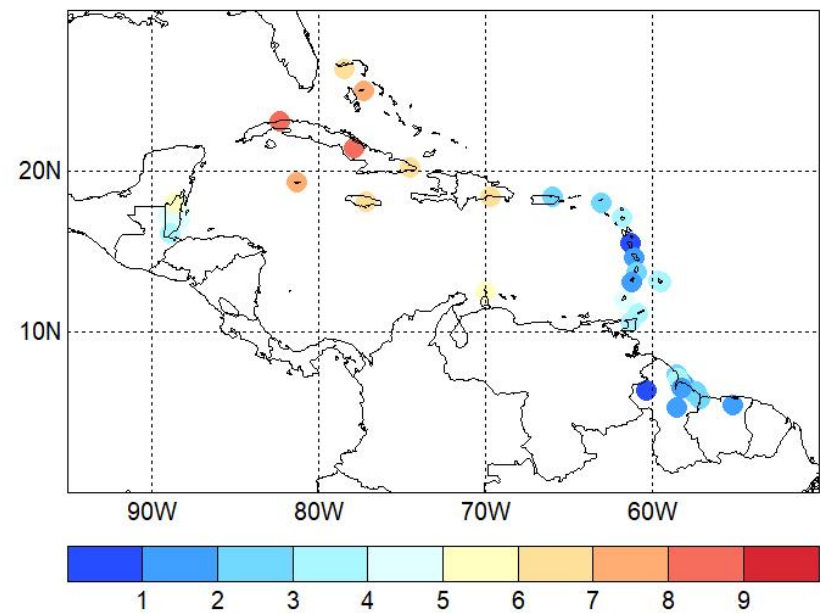
Participating territories

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

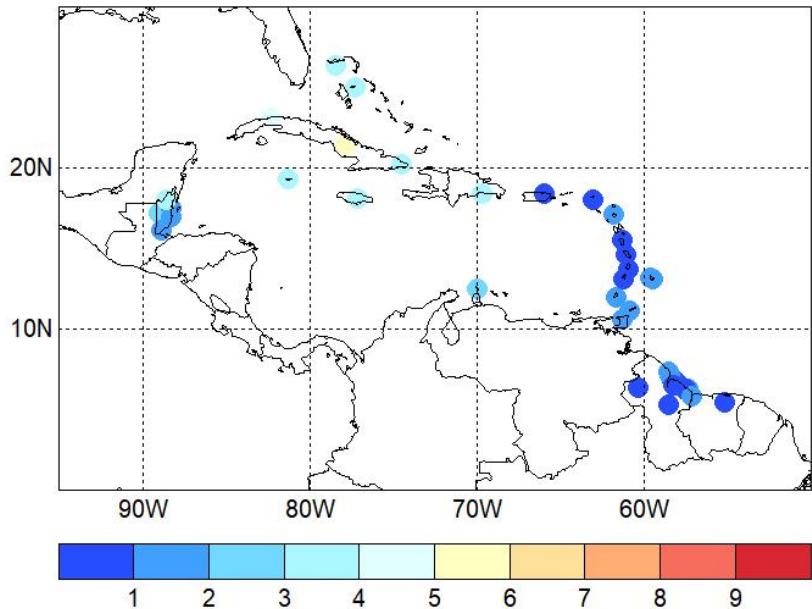


How many 7-day, 10-day or 15-day dry spells do we historically get **on average** from December to February?

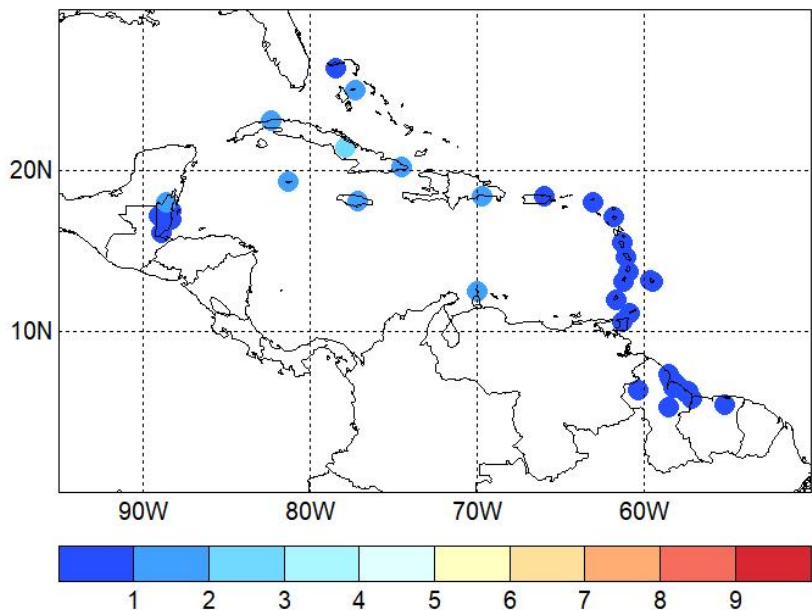
7-day dry spells



10-day dry spells

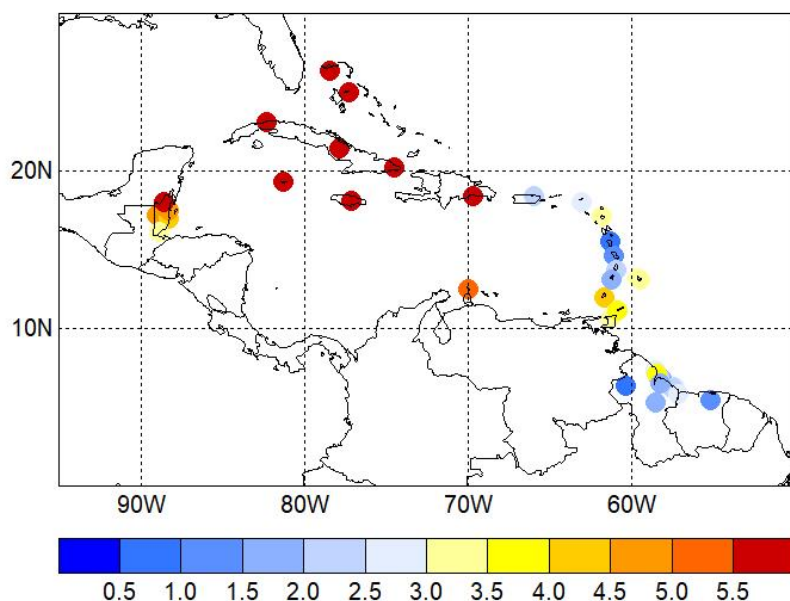


15-day dry spells



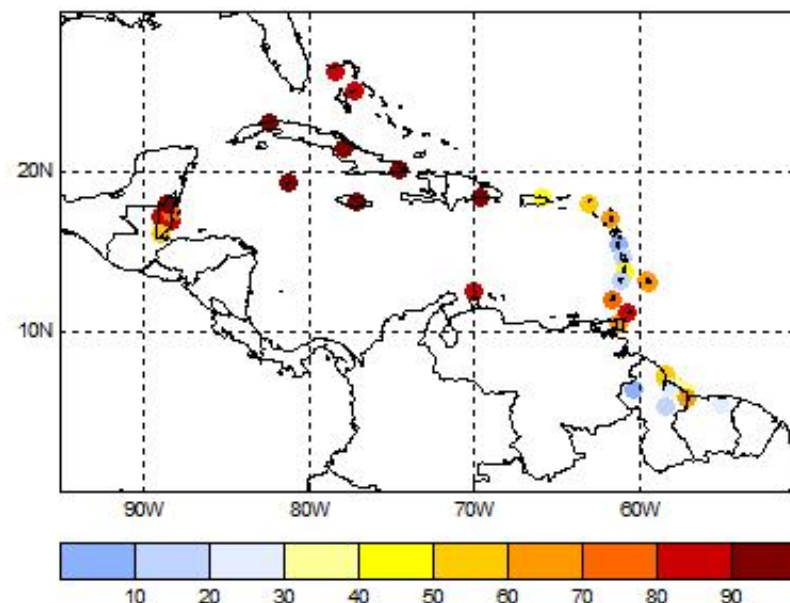
7-day dry spells from December 2018 to February 2019

**Historical avg. number
of 7-day dry spells**

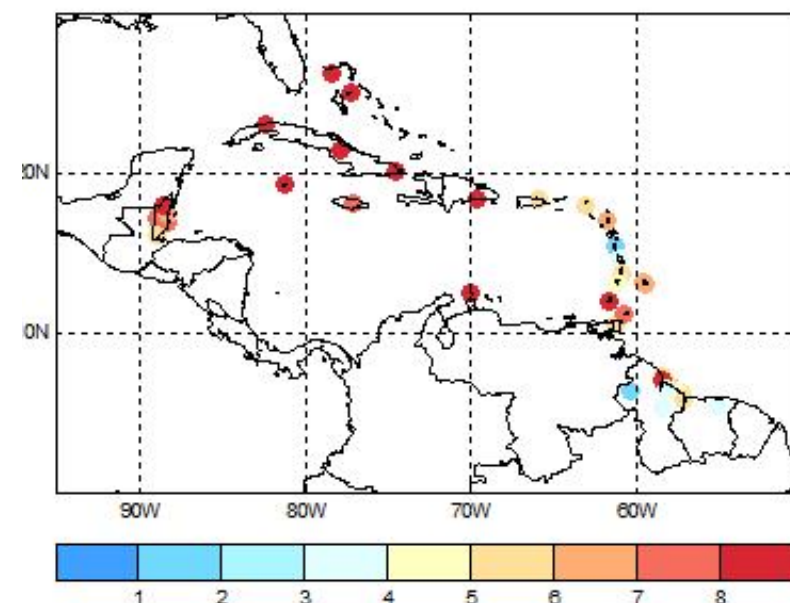


**What is the FORECAST for
December 2018 to February 2019?**

**Probability of at least
THREE 7-day dry spells**

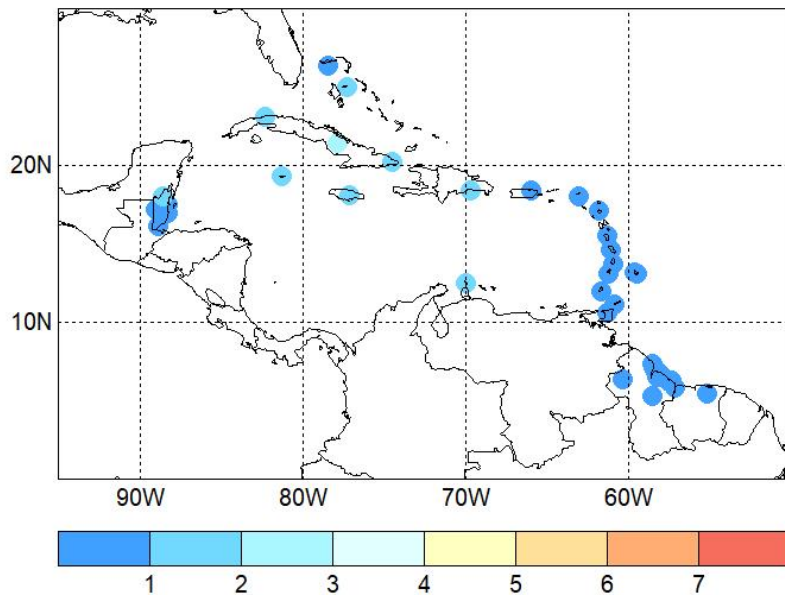


**MAX number of 7-day
dry spells**



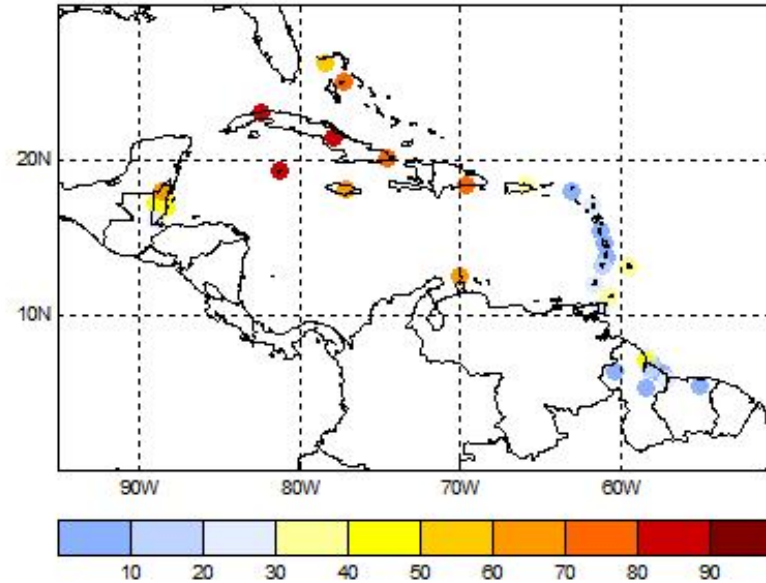
15-day dry spells from December 2018 to February 2019

**Historical avg. number
of 15-day dry spells**

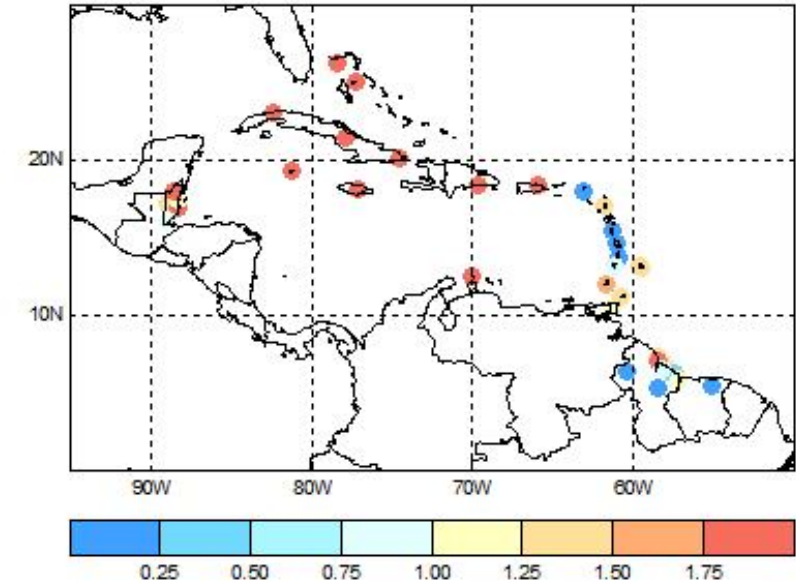


**What is the FORECAST for
December 2018 to February 2019?**

**Probability of at least ONE
15-day dry spell**



**MAX number of 15-day
dry spells**



December 2018 to February 2019

	No. of 7-dy dry spells		No. of 10-dy dry spells		No. of 15-dy dry spells	
	Historically	Forecast	Historically	Forecast	Historically	Forecast
Antigua (GreenCas)	2-5	2-6	0-3	0-3	0-1	0-1
Aruba (Beatrix)	2-8	3-10	1-5	2-6	0-2	0-3
Bahamas (Freeport)	5-8	5-9	2-4	1-5	0-2	0-2
Bahamas (NewProvi)	6-9	6-9	2-6	2-5	0-3	0-3
Barbados (CIMH)	1-5	2-6	0-2	0-3	0-1	0-1
Barbados (GAIA)	1-5	2-7	0-2	0-3	0-1	0-1
Belize (Belmopan)	2-6	2-7	1-3	1-4	0-1	0-1
Belize (C. Farm)	3-7	3-8	1-3	1-4	0-2	0-1
Belize (Melinda)	2-6	2-7	0-3	0-3	0-1	0-1
Belize (PG Airport)	3-7	3-7	1-3	0-4	0-1	0-1
Belize (Punta Gorda)	2-5	1-6	0-3	0-3	0-1	0-1
Belize (Towerhill)	4-8	4-8	2-5	2-5	0-2	0-2
Cayman	6-8	5-9	3-5	2-5	1-3	0-2
Cuba (Camaguey)	7-11	6-11	4-7	3-7	1-4	1-4
Cuba (Casablanca)	7-10	6-10	3-5	2-6	1-3	0-3
Cuba (Punta Maisi)	5-8	5-9	2-5	2-6	0-2	0-3
Dominica (Douglas Charles)	0-1	0-1	0-0	0-0	0-0	0-0
Dominican Republic (Las Americas)	5-8	4-9	2-4	2-5	1-2	0-2
Grenada (MBIA)	2-6	2-8	0-3	0-4	0-1	0-2
Guyana (Albion)	1-5	1-5	0-3	0-3	0-1	0-1
Guyana (Apaikwa)	0-2	0-2	0-1	0-1	0-0	0-0
Guyana (Bmont7)	1-5	1-6	0-3	0-4	0-1	0-2
Guyana (BmontFron)	1-3	1-4	0-2	0-2	0-1	0-0

December 2018 to February 2019 cont'd

	No. of 7-dy dry spells		No. of 10-dy dry spells		No. of 15-dy dry spells	
	Historically	Forecast	Historically	Forecast	Historically	Forecast
Guyana_DeKindren	0-4	0-4	0-2	0-3	0-1	0-1
Guyana (Enmore)	1-5	1-5	0-2	0-2	0-1	0-1
Guyana (Greatfall)	0-3	0-3	0-1	0-1	0-0	0-0
Guyana (Georgetown)	0-3	1-3	0-1	0-2	0-0	0-0
Guyana (LaBagat)	1-6	1-7	0-3	0-4	0-2	0-2
Guyana (LeonFront)	1-4	1-5	0-2	0-2	0-1	0-1
Guyana (McNabbB)	1-4	1-5	0-3	0-3	0-1	0-1
Guyana (New Amsterdam)	1-4	1-4	0-2	0-2	0-1	0-0
Guyana (Onderneeming)	1-7	2-8	0-4	1-4	0-2	0-2
Guyana (Skeldon)	1-4	2-5	0-2	0-2	0-1	0-1
Guyana (Timehri)	0-3	0-4	0-1	0-2	0-1	0-0
Jamaica (Sangster)						
Jamaica (Worthy Park)	4-8	4-8	2-5	1-5	0-2	0-2
Jamaica (Bodles)						
Martinique (FDF Desaix)	0-2	0-3	0-1	0-2	0-0	0-0
Puerto Rico (San Juan)	1-4	2-4	0-2	0-3	0-0	0-0
St. Lucia (Hewanorra)	1-4	1-4	0-1	0-2	0-0	0-0
St. Vincent (ET Joshua)	0-2	1-3	0-1	0-2	0-0	0-0
St. Maarten (TNM)	1-5	1-5	0-2	0-2	0-1	0-1
Suriname (Zanderij)	0-3	0-3	0-1	0-1	0-0	0-0
Trinidad (Piarco)	2-5	2-6	0-3	0-3	0-1	0-1
Tobago (ANR Robinson)	2-5	2-7	0-2	0-3	0-1	0-1