

Dry Spells Outlook for February to April 2018 (experimental)

Coordination: Caribbean Institute for Meteorology & Hydrology

Dr. Cédric J. Van Meerbeeck - Climatologist

Wazita B. Scott – Asst. Climatologist

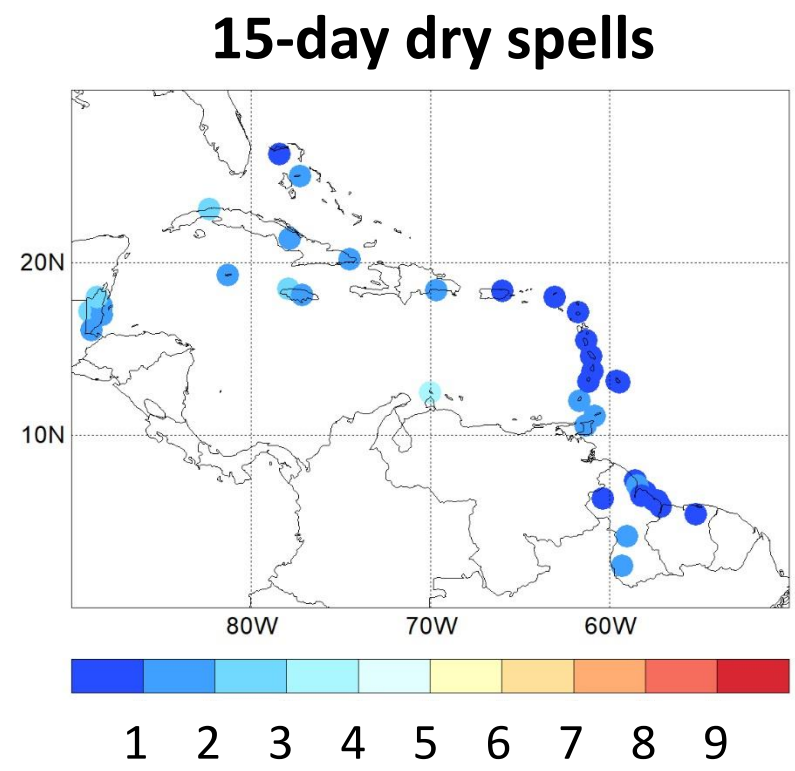
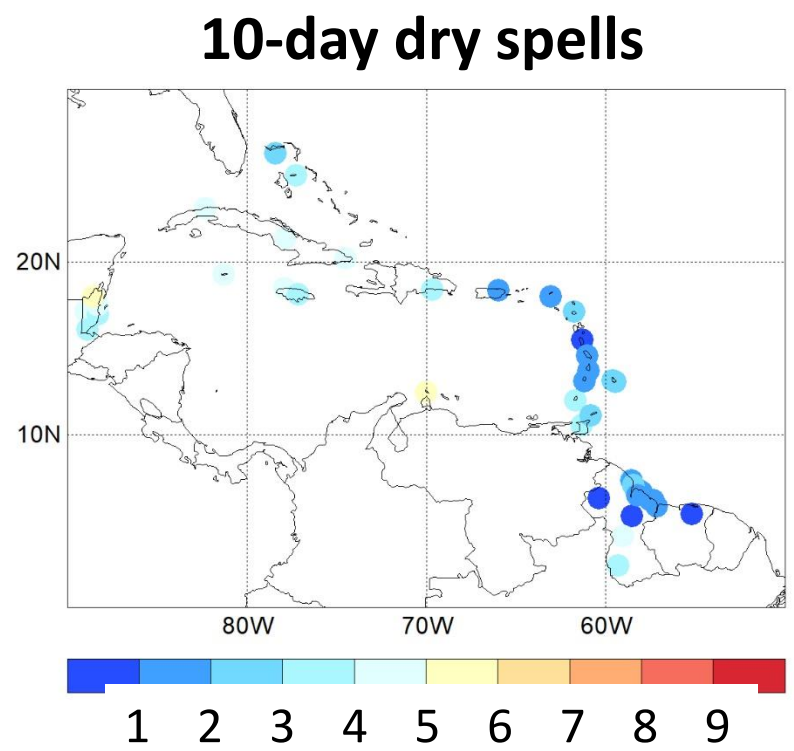
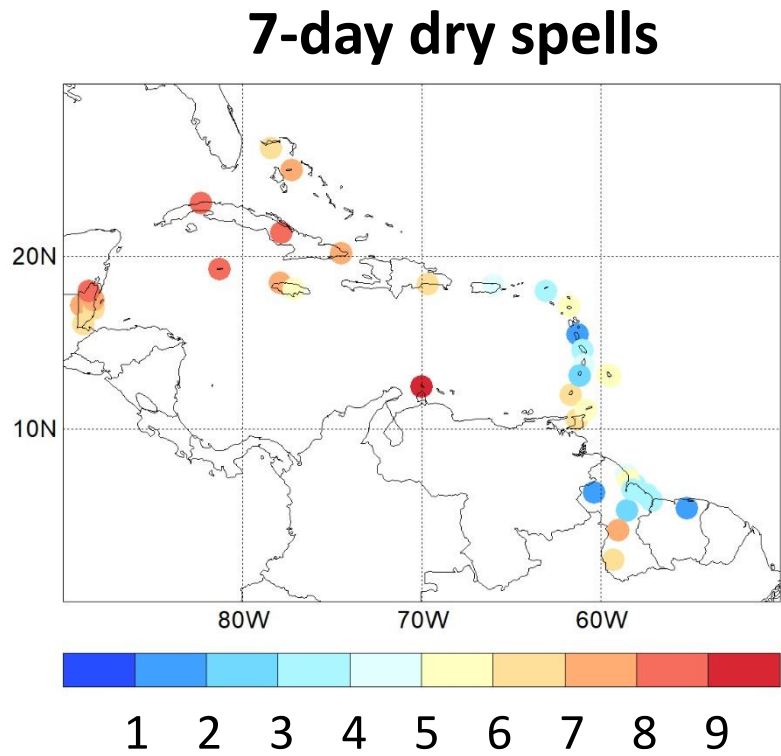
caricof@cimh.edu.bb

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 February to April?



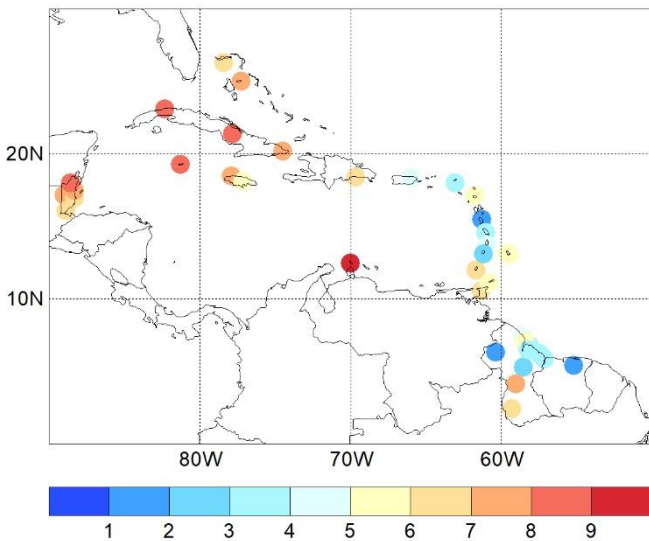
February - April 2018

	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)	4-7	3-7	1-3	0.3-3.7	0-2	0-1.8
Aruba (Beatrix)	8-11	7-11	5-7.9	4.1-7.7	2.1-5	1.9-4.5
Bahamas (Freeport)	5-8	5-9	2-5	1.4-5.6	0-2	0-2.2
Bahamas (NewProvi)	6-9	6-10	2.1-5	2.3-5.5	0-2	0.2-2.7
Barbados (CIMH)	4-8	3-7	1.7-4	0.5-4	0-2	0-1.6
Barbados (GAIA)	3-7	2-7	1-4	0.2-3.8	0-2	0-1.6
Belize_Belmopan	5-10	5-10	3-6	3-6.6	1-3	0.7-3.5
Belize (C. Farm)	6-10	6-10	3-5.7	3.2-7	1.1-3	1.4-3.8
Belize_Melinda	5-8	5-9	2-5	2.3-6	0.7-2.9	0-2.5
Belize_PG-Airpor	7-9	6-9	3-5.9	2.9-5.9	1-3	0.7-3.3
Belize_PGorda	4-8	4-9	2-5.1	2.2-6.6	0-2.1	0.1-2.7
Belize_Towerhill	8-10	7-9	4-6	3.2-5.9	2-3	1.3-3.3
Cayman	7-9	7-10	3-6	3.3-7.1	1-3	1.1-3.7
Cuba_Camaguey	6-10	6-10	3.1-6	2.4-6.2	1-3.8	0-3.2
Cuba_Casablanca	6-10	7-11	3-6	3.7-7.8	1-3.9	1.3-4.5
Cuba (Punta Maisi)	7-9	6-10	3.1-6	2.6-7	1-3	1-3.7
Dominica (Douglas Charles)	0-3	0-3	0-1.7	0-1.6	0-0	0-0
Dom. Republic (Las Americas)	5-8	5-9	2-5	2-6.7	0.4-3	0.3-3
Grenada (MBIA)	5-9	5-8	2.1-5.1	1.9-5.6	0.1-2.9	0-2.3
Guyana_Aishalton	5-9	4-8	2-4.9	1.1-4.9	0-2.1	0-2.1
Guyana (Albion)	3-6	2-6	1-3.1	0.4-2.9	0-1	0-1
Guyana_Apaikwa	0-3	0-2	0-1	0-0.4	0-0.1	0-0
Guyana_Bmont7	3-7	2-6	1-4.8	0.4-4.1	0-2.3	0-1.5
Guyana_BmontFron	2-6	1-6	0-3.9	0.1-2.9	0-2	0-0.7
Guyana (Charity)	2-7	2-6	1-3.4	0.3-3.1	0-2	0-1.2
Guyana_DeKindren	1-6	1-5	0-3	0-2.7	0-1.3	0-0.6

February - April 2018	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 (Enmore)	3-6	2-5	0.1-3.1	0-2.3	0-1	0-0.7
Guyana (Greatfall)	0-4	0-3	0-2.1	0-0.8		
Guyana (Georgetown)	2-6	1-5	0-4	0-2.7	0-1	0-1
Guyana_LaBagat	3-9	2-8	1-5	0.2-4.9	0-3.1	0-2
Guyana_LeonFront	2-6	1-5	0-4	0-2.8	0-1	0-1.1
Guyana_McNabbB	2-7	1-5	0-3.7	0-2.8	0-2	0-1.1
Guyana (New Amsterdam)	2-6	1-5	0-3	0-2.3	0-1	0-0.3
Guyana_Onderneem	2-9	1-7	0.1-6	0.1-3.9	0-3	0-1.9
Guyana_Port-Kai	3-7	2-6	1-4.2	1.1-3.8		
Guyana_RoseHall	2-6	2-5	0-2.1	0-2	0-1	0-0.4
Guyana (Skeldon)	2-5	1-5	0-3.3	0-2.5	0-2	0-1.2
Guyana_Surama	5-9	4-9	2.6-6.1	1.8-5.7	0-3	0-2.4
Guyana (Timehri)	2-5	0-4	0-3	0-2.5	0-1	0-0.2
Jamaica_Manley	8-11	6-13	4.4-7	3.7-7.4	1.9-4	2-4.3
Jamaica_Sangster	7-9	7-10	3-5	2.8-5.8	1-3	1.1-2.8
Jamaica_Worthy-P	4-7	4-8	2-4	1.6-5.1	0-2	0-2.4
Jamaica_duckenfi	4-7	3-7	0.4-4.3	0-3.8	0-1.4	0-1.9
Martinique (FDF Desaix)	1-5	1-4	0-2.1	0-2.4	0-1	0-1.2
Puerto Rico (San Juan)	2-7	2-7	1-3.1	0.6-3.5	0-1	0-1.4
St. Lucia (Hewanorra)	2-7	2-6	1-3	0.3-3.3	0-1.9	0-1.1
St. Vincent (ET Joshua)	1-4	0-3	0-2	0-1.9	0-1	0-0.5
St. Maarten (TNCM)	2-5	2-6	0.3-3	0.2-3.1	0-1	0-1.3
Suriname (Zanderij)	0-3	0-3	0-1.1	0-1	0-0.1	0-0
Trinidad (Piarco)	4-8	4-8	1.1-6	1.1-4.9	0-2.9	0-2.4
Tobago (ANR Robinson)	3-8	3-7	1-4.9	0.7-3.7	0-2.9	0-1.8

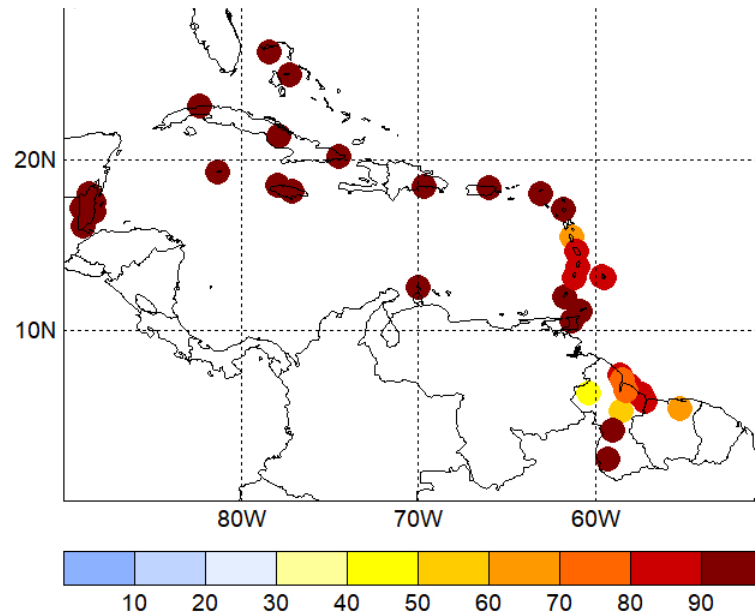
7-day dry spells from February to April 2018

Historical avg. number
of 7-day dry spells

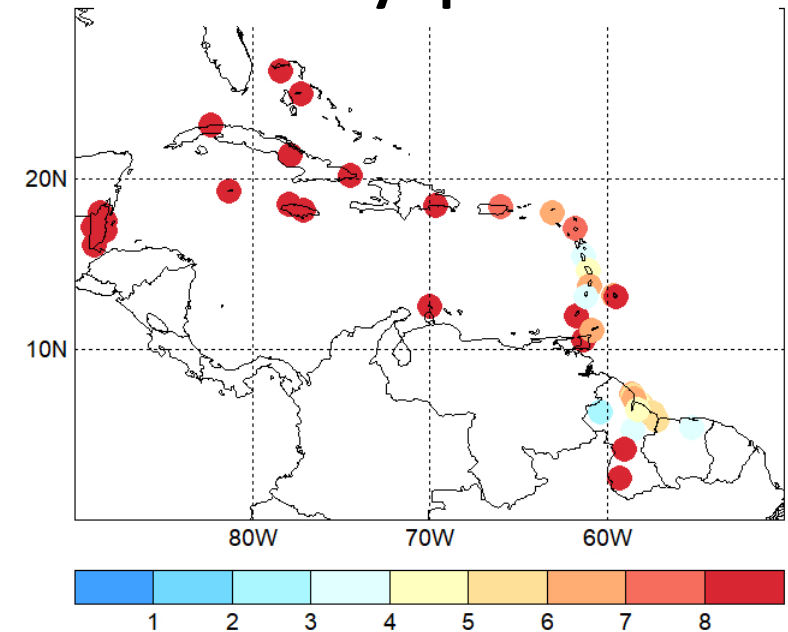


What is the FORECAST for
February to April 2018?

Probability of at least
THREE 7-day dry spells

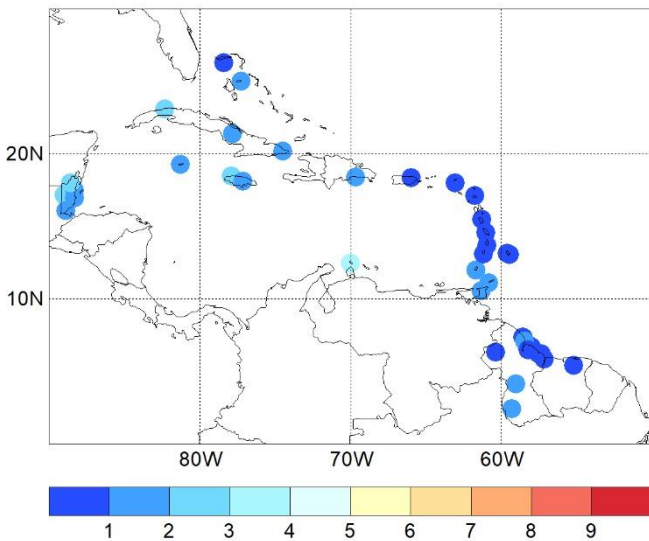


MAX number of 7-day
dry spells



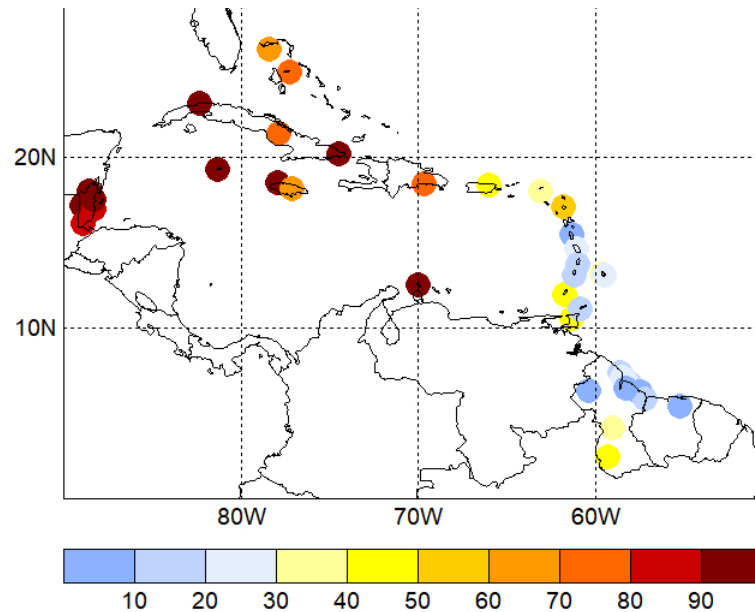
15-day dry spells from February to April 2018

Historical avg. number
of 15-day dry spells

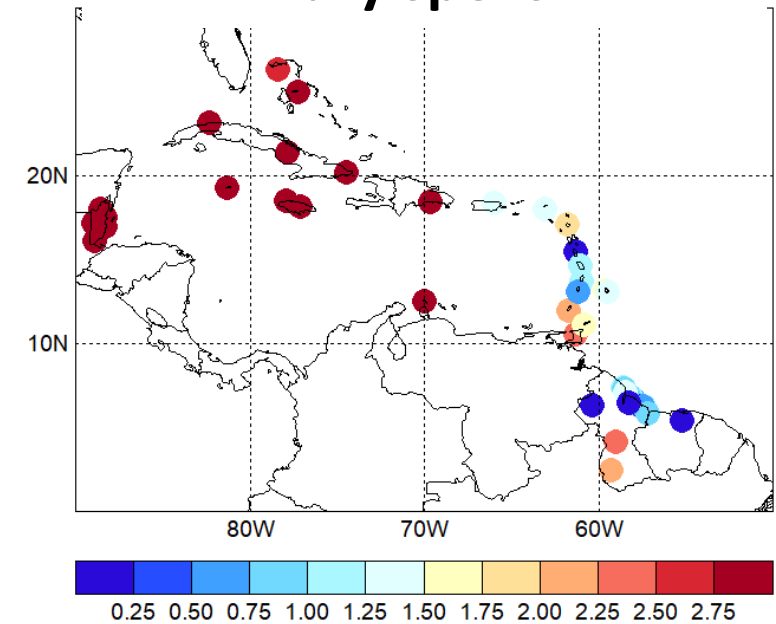


What is the FORECAST for
February to April 2018?

Probability of at least ONE
15-day dry spell



MAX number of 15-day
dry spells



Thank you

**All climate data, information, tools and products are available at
rcc.cimh.edu.bb**

