

CariCOF Drought Outlook

By the end of August 2019

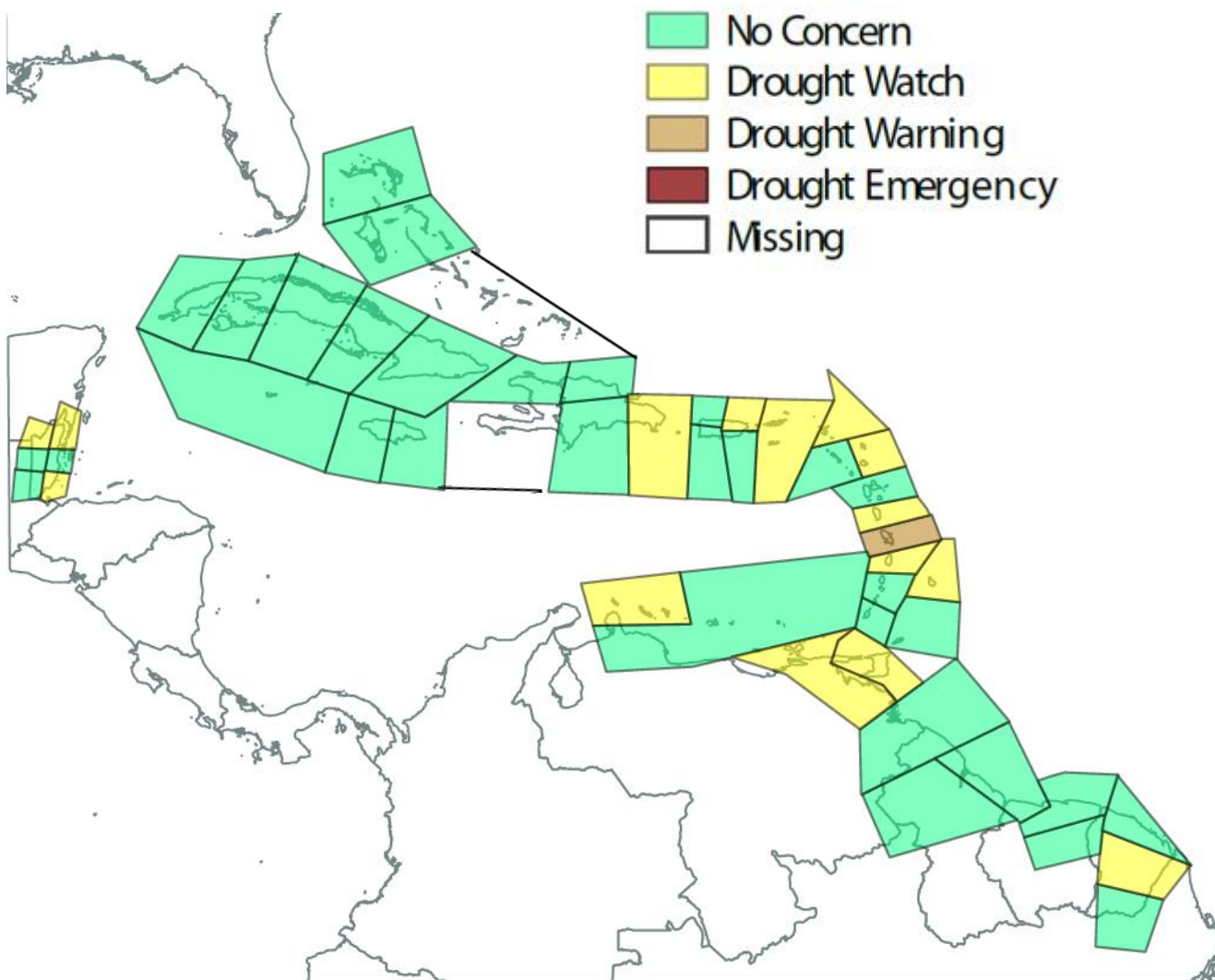
*Coordination: Caribbean Institute for Meteorology & Hydrology
Dr. Cédric J. Van Meerbeeck - Climatologist
Dr. Teddy Allen – Assistant Climatologist
caricof@cimh.edu.bb*

Participating territories

Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, 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



What is the predicted short term drought concern by the end of August 2019?



Current update (May 2019):

We are currently entering the wet season. This time around, drought concern develops throughout parts of the region.

A **drought warning** should be considered for, Martinique

A **drought watch** should be considered for the ABC islands, Antigua and Barbuda, Barbados, much of Belize, eastern Dominican Rep., central French Guiana, northeastern Puerto Rico, St. Martin, Trinidad, and USVI.

Short term drought alert levels by the end of August 2019

(updated May 2019 – covering March to August 2019)

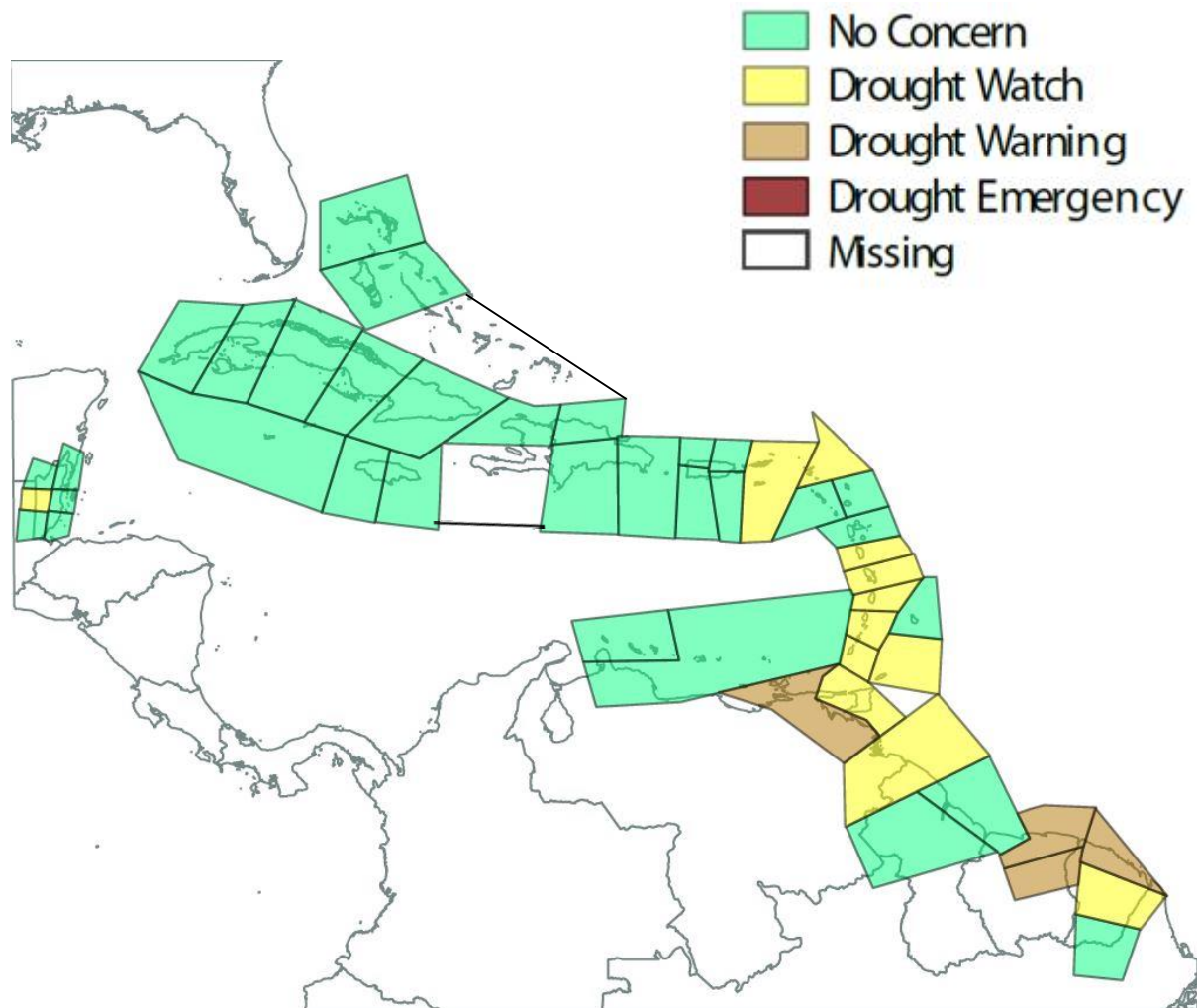
caricof@cimh.edu.bb

For climate information specific to your country, please consult with your national meteorological service. *CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.*



CARICOF
CARIBBEAN CLIMATE OUTLOOK FORUM

What is the predicted long term drought concern by the end of November 2019?



- This 12-month SPI-based drought outlook uses observations through April 2019, with potential impacts on large surface water reservoirs and groundwater. In general, impacts are expected if the 12-month SPI is ≤ -1.3 (*severely dry or worse* – ref.: CDPMN).
- A **drought warning** should be considered for Suriname, northern French Guiana.
- A **drought watch** should be considered for west-central Belize, Dominica, Grenada, Martinique, central French Guiana, northern Guyana, Saint Lucia, St. Martin, St. Vincent, Trinidad & Tobago, USVI

Long term drought alert levels by the end of the 2019 wet season

(updated May 2019 – covering December 2018 to November 2019)

Drought outlook – shorter-/longer-term concern?

- Current drought situation (up to the end of Aprch 2019): *(more information [here](#))*
 - Severe (or worse) shorter term drought has developed in Aruba, French Guiana, the northern Leewards, parts of Martinique.
 - Severe (or worse) long term drought has developed in Barbados, southeastern Belize, southernmost Cuba, much of Hispaniola, northern French Guiana, central coast of Guyana, northern Leewards, Martinique, St. Lucia and Tobago.
 - Shorter term drought situation (by the end of August 2019):
 - Shorter term drought is evolving in Martinique
 - Shorter term drought might possibly develop in the the ABC islands, Antigua, Barbados, much of Belize, western Dominican Rep., parts of Puerto Rico, and Trinidad.
 - Long term drought situation (by the end of July 2019):
 - A weak El Niño is expected to contribute to reduced rainfall into the early summer.
 - Long term drought is evolving in Suriname, northern Guiana
 - Long term drought might possibly develop in Dominica, Grenada, Martinique, central Guiana, northern Guyana, Saint Lucia, Saint Vincent, Trinidad & Tobago, USVI
- * We advise all stakeholders to keep monitoring drought and look for our monthly updates.**

**CONTINUE TO MONITOR &
CONSERVE WATER !!**



CARICOF
CARIBBEAN CLIMATE OUTLOOK FORUM

caricof@cimh.edu.bb

rcc.cimh.edu.bb

Caribbean Institute for Meteorology and Hydrology

TEL: (246) 425-1362/3 | FAX: (246) 424-4733