

# CariCOF Drought Outlook

By the end of June 2020

*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, 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



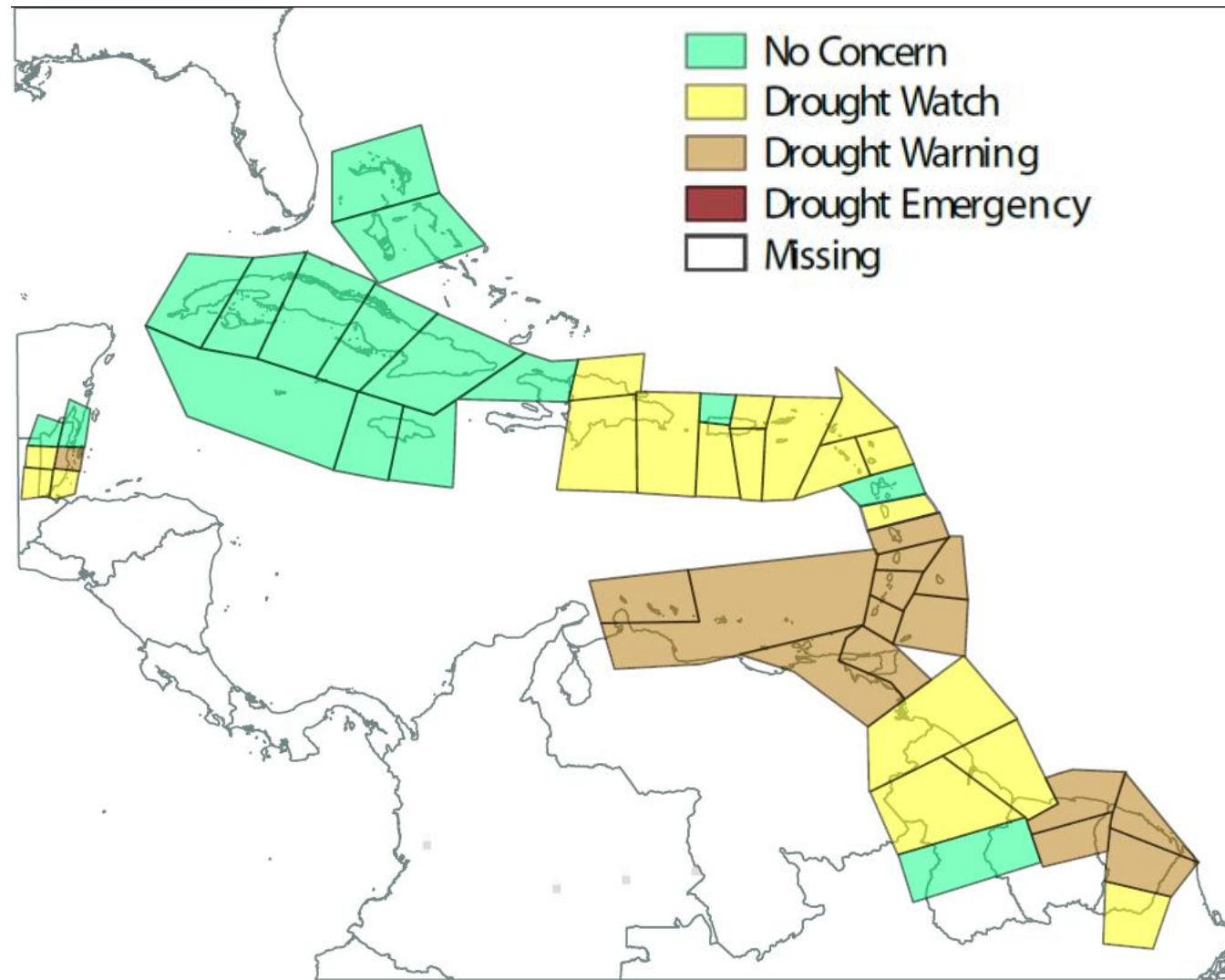
# What is the predicted short term drought concern by the end of June 2020?

## Current update (March 2020):

We are currently in the dry season. Currently, shorter term drought concern exists in many areas of the Caribbean region, notably:

A **drought warning** should be considered for the ABC Islands, Barbados, east-central Belize, much of French Guiana, the Windward Islands (except Dominica), Suriname, and Trinidad & Tobago.

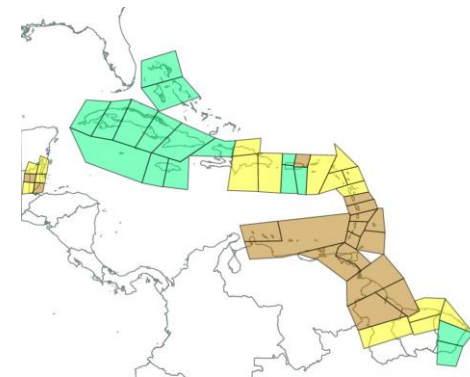
A **drought watch** should be considered for parts of Belize, Dominica, Dominican Rep., S French Guiana, N. Guyana, the Leeward Islands (except Guadeloupe), US C'bean Territories.



## Short term drought alert levels by the end of June 2020

(updated March 2020 – covering January 2020 to June 2020)

[caricof@cimh.edu.bb](mailto:caricof@cimh.edu.bb)

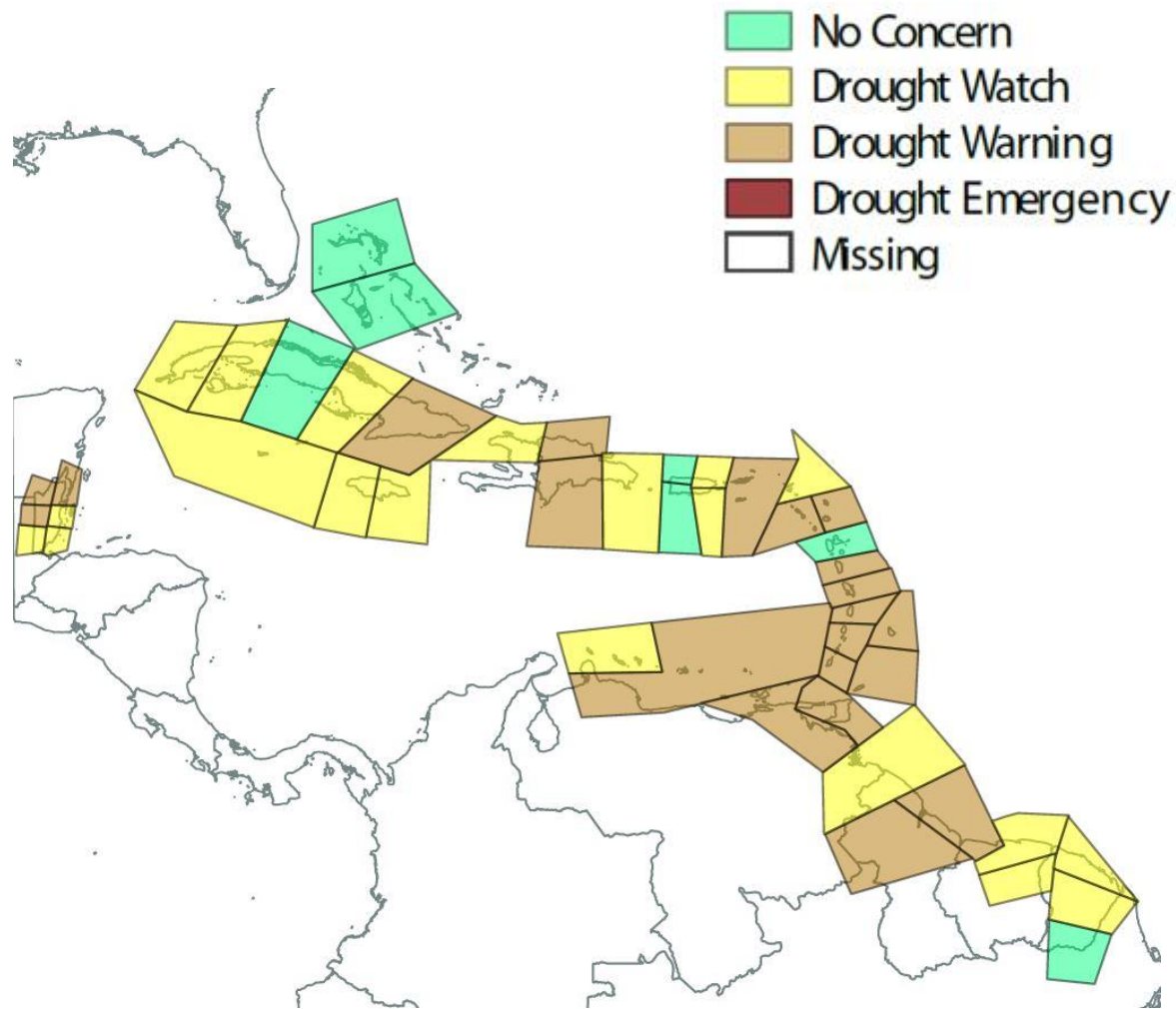


For climate information specific to your country, please consult with your national meteorological service. *CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.*



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# What is the predicted long term drought concern by the end of May 2020?



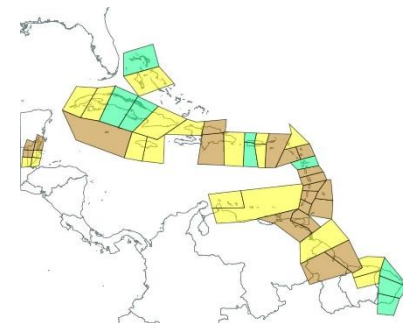
## Long term drought alert levels by the end of May 2020

(updated March 2020 – covering June 2019 to May 2020)

[caricof@cimh.edu.bb](mailto:caricof@cimh.edu.bb)

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- This 12-month SPI-based drought outlook uses observations through February 2020, with potential impacts on large surface water reservoirs and groundwater. In general, impacts are expected if the 12-month SPI is  $\leq -0.8$  (*moderately dry or worse* – ref.: CDPMN).
- A **drought warning** should be considered for northwestern half of Belize, eastern Cuba, most of Dominican Republic, Guyana, the Lesser Antilles (except Guadeloupe and Sint Maarten).
- A **drought watch** should be considered for the ABC is., southeastern Belize, the remainder of the Greater Antilles (except Central Cuba and western Puerto Rico), French Guiana, Sint Maarten, and Suriname.



Previous (i.e. February 2020) update of the long term drought alert levels by the end of May 2020



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# Drought outlook – shorter-/longer-term concern?

- Current drought situation (at the end of February 2020): *(more information [here](#))*
  - Moderate (or worse) shorter term drought has developed in southeastern parts of The Bahamas, French Guiana, northern Guyana, St. Vincent and southern Suriname.
  - Moderate (or worse) long term drought has developed in ABC Is., northernmost and southeastern parts of the Bahamas, Barbados, most of Belize, the Cayman Islands, Central and Eastern Cuba, much of French Guiana, easternmost Guadeloupe, most of Hispaniola, Martinique, Saint Lucia, St. Vincent, eastern Suriname, Trinidad & Tobago, USVI.
- Shorter term drought situation (by the end of June 2020):
  - **Shorter term drought is evolving** in ABC Islands, Barbados, east-central Belize, much of French Guiana, the Windward Islands (except Dominica), Suriname, and Trinidad & Tobago.
  - Shorter term drought might possibly develop or continue in parts of Belize, Dominica, Dominican Rep., S French Guiana, N. Guyana, the Leeward Islands (except Guadeloupe), US C'bean Territories.
- Long term drought situation (by the end of May 2020):
  - **Long term drought is evolving** in northwestern half of Belize, eastern Cuba, most of Dominican Republic, Guyana, the Lesser Antilles (except Guadeloupe and Sint Maarten).
  - Long term drought might possibly develop or continue in ABC is., southeastern Belize, the remainder of the Greater Antilles (except Central Cuba and western Puerto Rico), French Guiana, Sint Maarten, and Suriname.
  - Areas ending up in long term drought by the end of May may experience significantly **reduced water levels in large reservoirs, large rivers and groundwater** during the dry season.

*\* We advise all stakeholders to keep monitoring drought and look for our monthly updates.\**

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





ALERT LEVEL	MEANING	ACTION LEVEL
NO CONCERN	No drought concern	<ul style="list-style-type: none"> <li>✓ <b>monitor resources</b></li> <li>✓ update and ratify management plans</li> <li>✓ public awareness campaigns</li> <li>✓ upgrade infrastructure</li> </ul>
DROUGHT WATCH	Drought possible	<ul style="list-style-type: none"> <li>✓ <b>keep updated</b></li> <li>✓ protect resources and conserve water</li> <li>✓ implement management plans</li> <li>✓ response training</li> <li>✓ monitor and repair infrastructure</li> </ul>
DROUGHT WARNING	Drought evolving	<ul style="list-style-type: none"> <li>✓ <b>protect resources</b></li> <li>✓ conserve and recycle water</li> <li>✓ implement management plans</li> <li>✓ release public service announcements</li> <li>✓ last minute infrastructural repairs and upgrades</li> <li>✓ report impacts</li> </ul>
DROUGHT EMERGENCY	Drought of immediate concern	<ul style="list-style-type: none"> <li>✓ <b>release public service announcements</b></li> <li>✓ implement management and response plans</li> <li>✓ enforce water restrictions and recycling</li> <li>✓ enforce resource protection</li> <li>✓ repair infrastructure</li> <li>✓ report impacts</li> </ul>





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*caricof@cimh.edu.bb*

*rcc.cimh.edu.bb*

Caribbean Institute for Meteorology and Hydrology

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