

# CariCOF Drought Outlook

By the end of October 2019

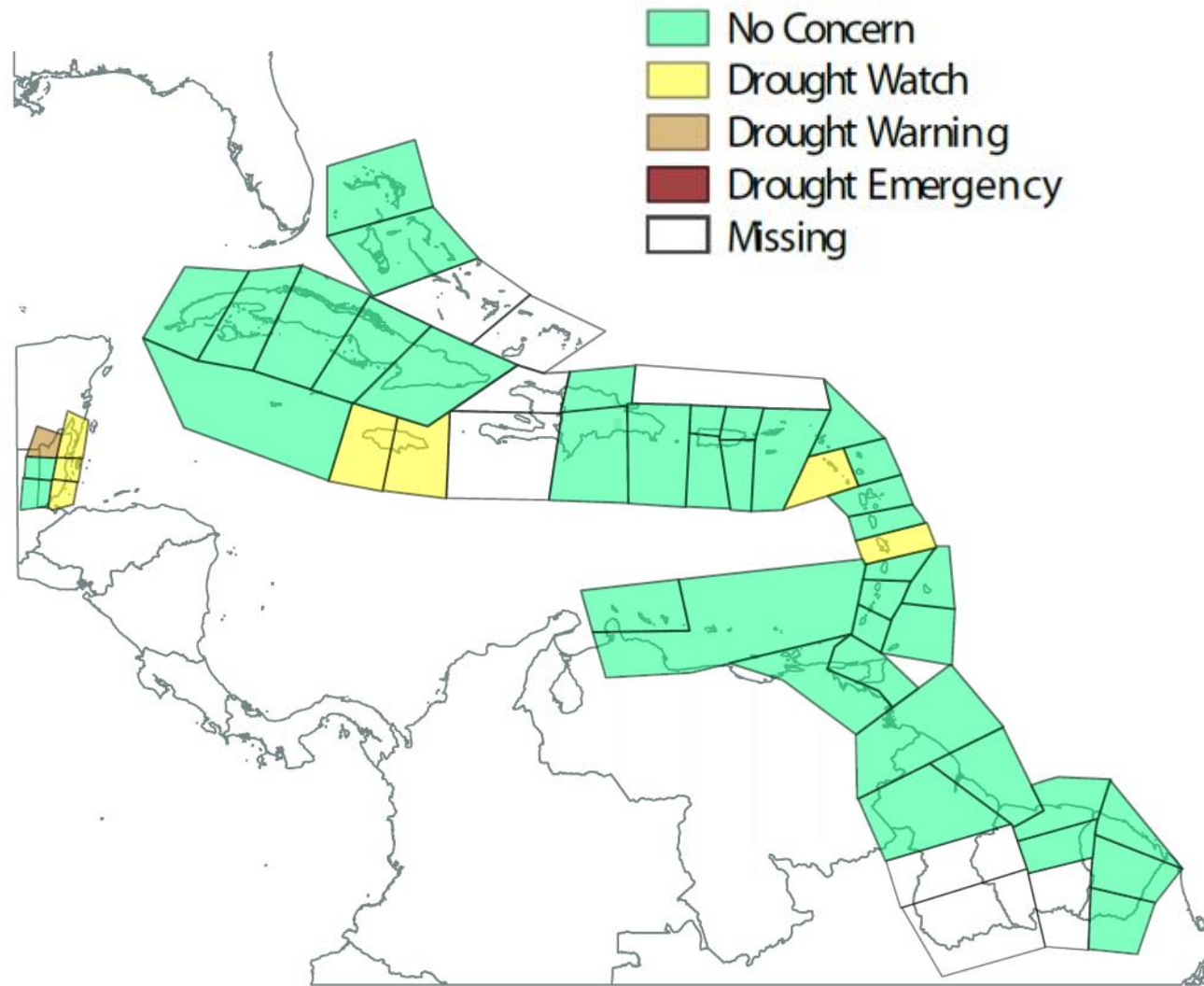
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## Participating territories

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 October 2019?



## Short term drought alert levels by the end of October 2019

(updated July 2019 – covering May to October 2019)

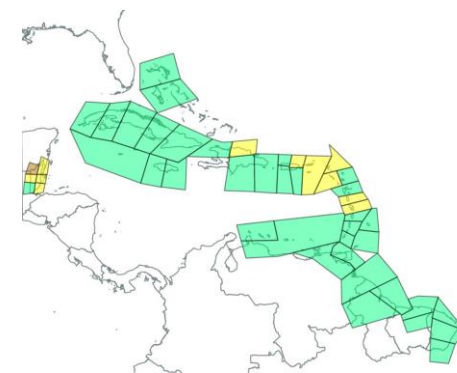
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## Current update (July 2019):

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

A **drought warning** should be considered for northwestern Belize

A **drought watch** should be considered for eastern parts of Belize, Martinique and St. Kitts.



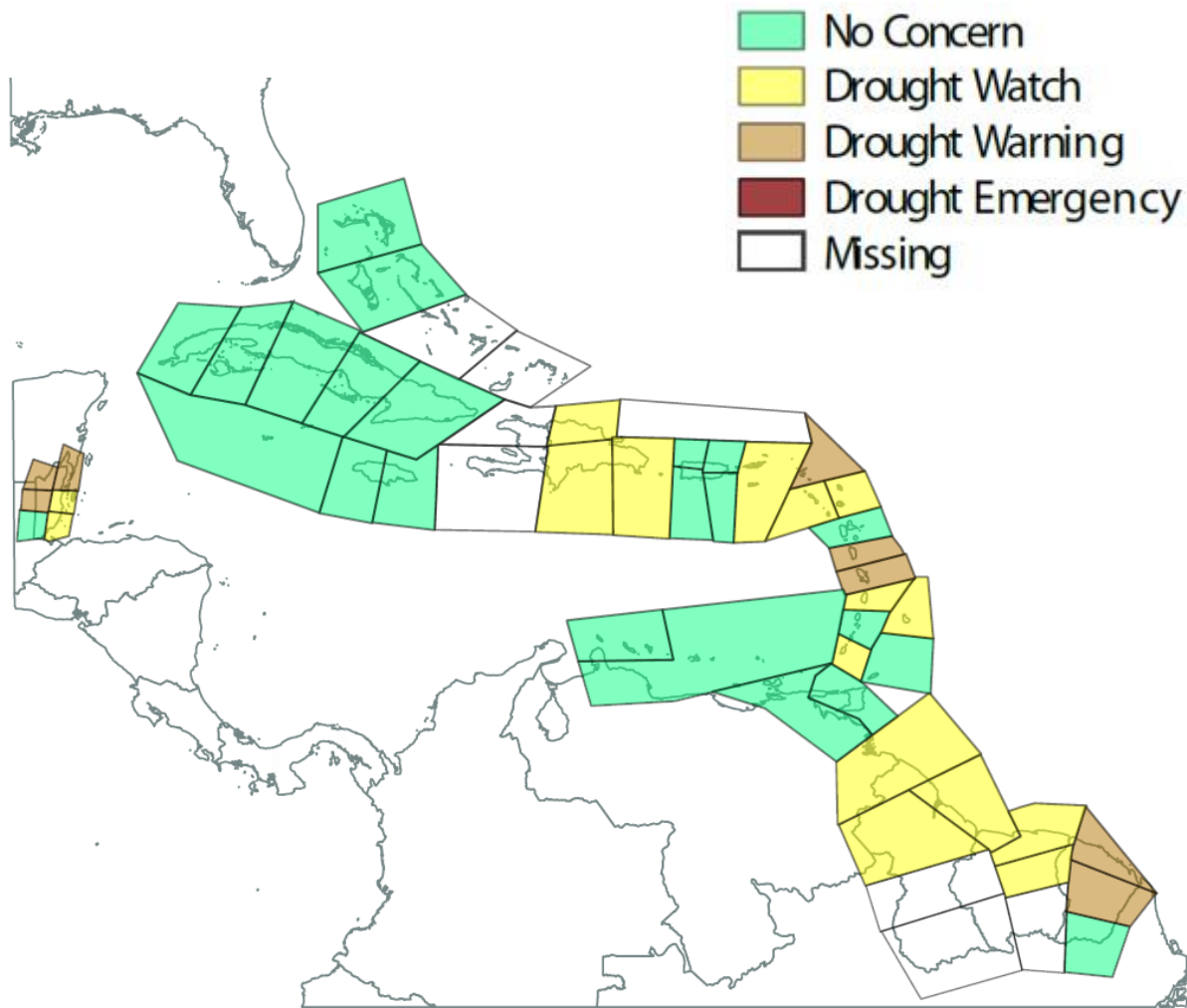
Previous short term  
drought alert levels by the  
end of September 2019

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 November 2019?



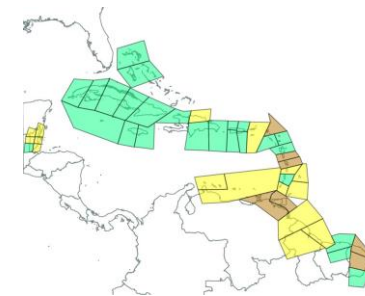
- This 12-month SPI-based drought outlook uses observations through June 2019, with potential impacts on large surface water reservoirs and groundwater. In general, impacts are expected if the 12-month SPI is  $\leq -1.3$  (*severely dry or worse* – ref.: CDPMN).
- A **drought warning** should be considered for northern Belize, Dominica, French Guiana, Martinique, St. Barths and St. Martin.
- A **drought watch** should be considered for Antigua, Barbados, southeast Belize, Dominican Repub., Grenada, Guyana, St. Kitts, Saint Lucia, Suriname, and USVI

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

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

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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.



Previous (June update)  
long term drought alert  
levels by the end of  
November 2019



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

- Current drought situation (up to the end of June 2019): *(more information [here](#))*
    - Severe (or worse) shorter term drought has developed in northern Belize, northernmost Dominican Rep., the northern Leewards, St. Kitts, USVI.
    - Severe (or worse) long term drought has developed in Barbados, southern Belize, easternmost Cuba, southern- and easternmost Dominican Rep., parts of French Guiana, Haiti, the northern Leewards, Martinique, Tobago, US C'bean Territories.
  - Shorter term drought situation (by the end of October 2019):
    - Shorter term drought is evolving in northwestern Belize
    - Shorter term drought might possibly develop in eastern Belize, Martinique and St. Kitts.
  - Long term drought situation (by the end of November 2019):
    - Long term drought is evolving in northern Belize, Dominica, French Guiana, Martinique, St. Barths and St. Martin.
    - Long term drought might possibly develop in Antigua, Barbados, southeast Belize, Dominican Repub., Grenada, Guyana, St. Kitts, Saint Lucia, Suriname, and USVI
- \* 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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