

# CariCOF Drought Outlook

## By the end of November 2022

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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

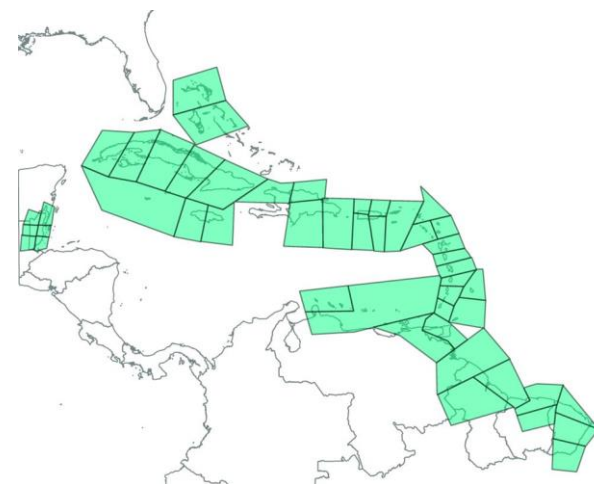
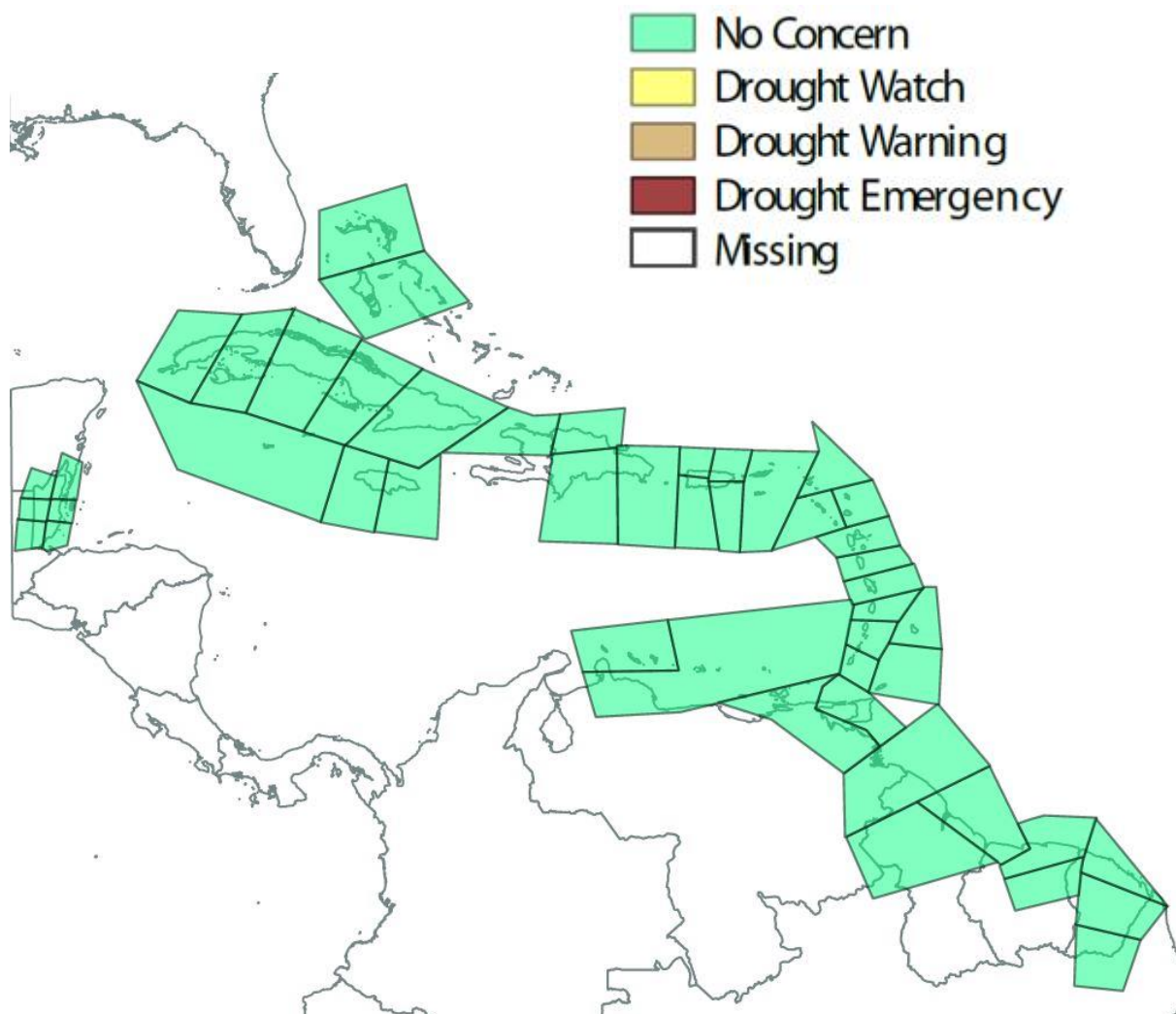


# What is the predicted short term drought concern by the end of November 2022?

## Current update (August 2022):

We are currently in the wet season.

- No drought concern is expected across the region.



Previous update (July): short term drought alert levels at the end of October 2022

## Short term drought alert levels at the end of November 2022

(updated **August 2022** – based on a 6-month SPI for June to November 2021)

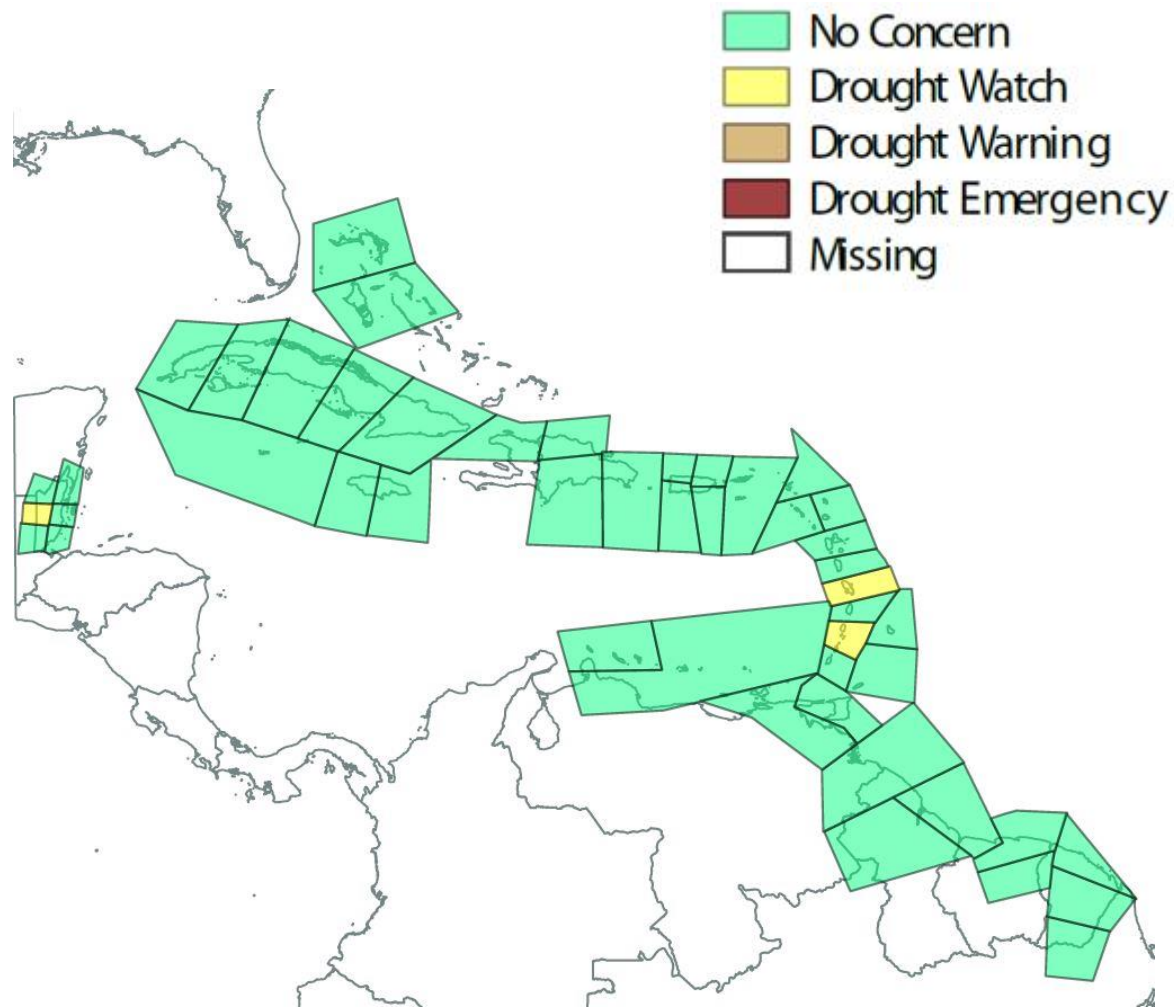
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For climate information specific to your country, please consult with your national meteorological service. *CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.*



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# What is the predicted long term drought concern at the end of November 2022?



- This 12-month SPI-based drought outlook uses observations through July 2022, with potential impacts on large surface water reservoirs and groundwater. In general, impacts are expected if the 12-month SPI is  $\leq -1.3$  (*moderately dry or worse* – ref.: CDPMN).
- A **drought watch** should be considered for parts of Belize, Martinique, and Saint Vincent.

## Long term drought alert levels at the end of November 2022

(updated August 2022 – covering Dec 2021 to Nov 2022)

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

- Current drought situation (up to the end of July 2022): *(more information [here](#))*
  - Severe (or worse) short term drought has developed in Guadeloupe, southwestern Hispaniola, southernmost Jamaica, St. Barts, St. Croix, Sint Maarten and in St. Vincent.
  - Severe (or worse) long term drought has developed in Antigua, Western Cuba, southwest Haiti, Guadeloupe, eastern Jamaica, Martinique, St. Barts, St. Croix, Sint Maarten, St. Lucia, and St. Vincent.
- Shorter term drought situation (by the end of November 2022):
  - Short term drought is not expected to be a concern by the end of November 2022.
- Long term drought situation (by the end of November 2022):
  - Long term drought might possibly develop or continue for parts of Belize, Martinique, and St. Vincent.
  - Areas ending up in long term drought by the end of November may experience water levels in large reservoirs, large rivers and groundwater that are lower than usual, which would become a concern for the 2022-23 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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