

# CariCOF Drought Outlook

By the end of October 2023

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## Participating territories

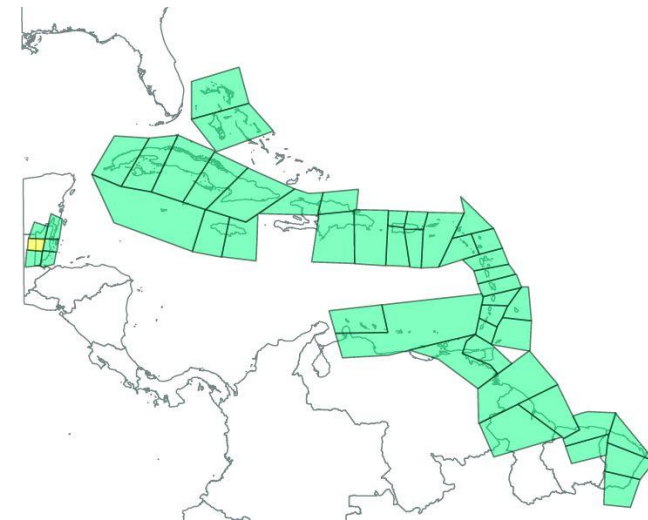
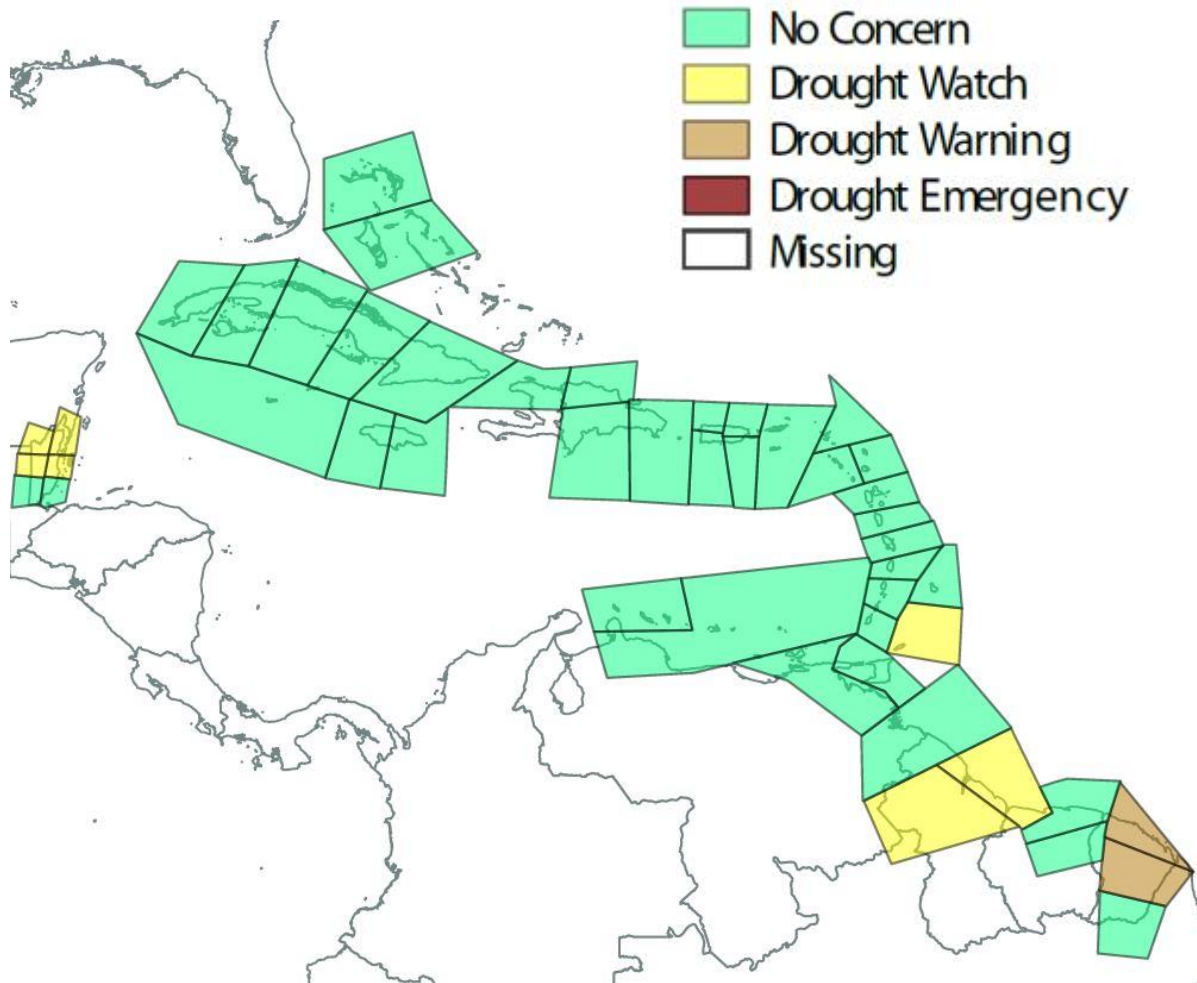
Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haïti, Jamaica, Martinique, Puerto Rico, St. Barts, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Martin, St. Vincent & the Grenadines, Suriname, Trinidad & Tobago and the US Virgin Islands



# What is the predicted short term drought concern by the end of October 2023?

## Current update (July 2023):

- We are now in the Caribbean wet season.
- A **drought warning** should be considered for French Guiana.
- A **drought watch** should be considered for northern and central Belize, northern Guyana, and Tobago.



## Short term drought alert levels at the end of October 2023

(updated July 2023 – based on a 6-month SPI for May to October 2023)

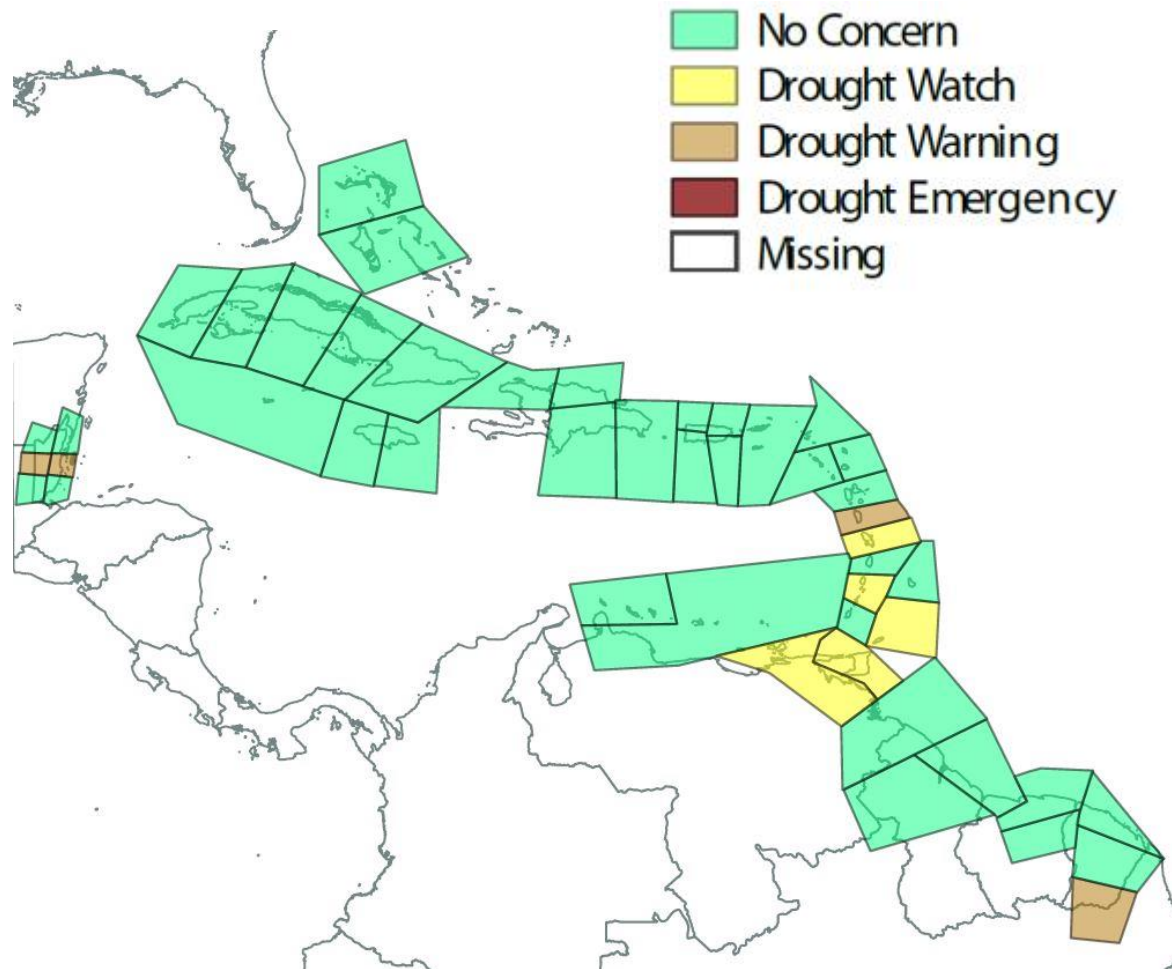
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For climate information specific to your country, please consult with your national meteorological service. *CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.*

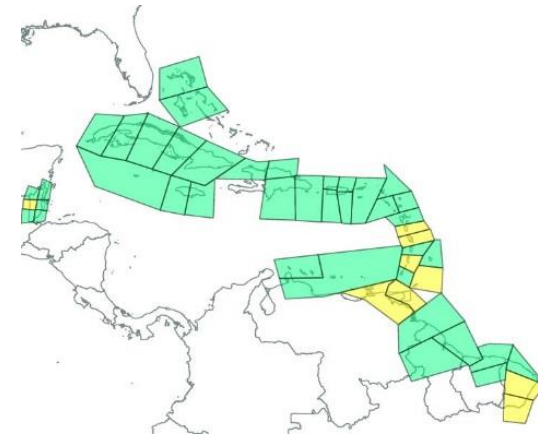


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# What is the predicted long term drought concern at the end of November 2023?



- This 12-month SPI-based drought outlook uses observations through June 2023, 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 central Belize, Dominica and southern French Guiana.
- A **drought watch** should be considered for parts of Martinique, St. Vincent, and Trinidad & Tobago.



Previous update (June): long term drought alert levels at the end of November 2023

## Long term drought alert levels at the end of November 2023

(updated July 2023 – based on a 12-month SPI for December 2022 to November 2023)

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.*

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

- Current drought situation (up to the end of June 2023): *(more information [here](#))*
  - Severe (or worse) short-term drought has developed in the ABC Islands, Belize, and eastern parts of the Dominican Republic.
  - Severe (or worse) long-term drought has developed in St. Vincent.
- Short-term drought situation (by the end of October 2023):
  - Short-term drought is evolving in French Guiana.
  - Short-term drought might possibly develop in northern and central Belize, Guyana, and Tobago.
- Long-term drought situation (by the end of November 2023):
  - Long-term drought is evolving central Belize, Dominica and southern French Guiana.
  - Long-term drought might possibly develop or continue in Martinique, St. Vincent, and Trinidad & Tobago.
  - Areas ending up in long-term drought by the end of November are likely to experience lower than usual water levels in large reservoirs, large rivers and groundwater.

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

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



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