

CariCOF Drought Outlook

By the end of July 2023

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Participating territories

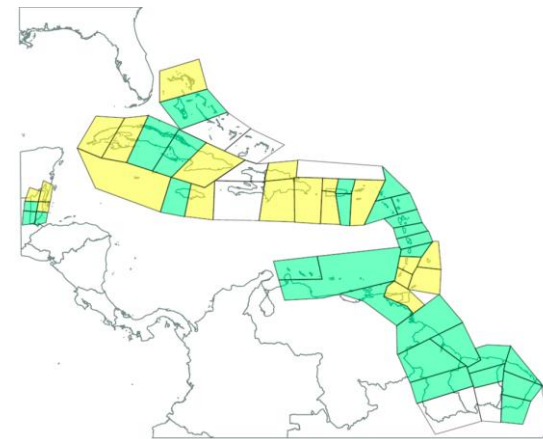
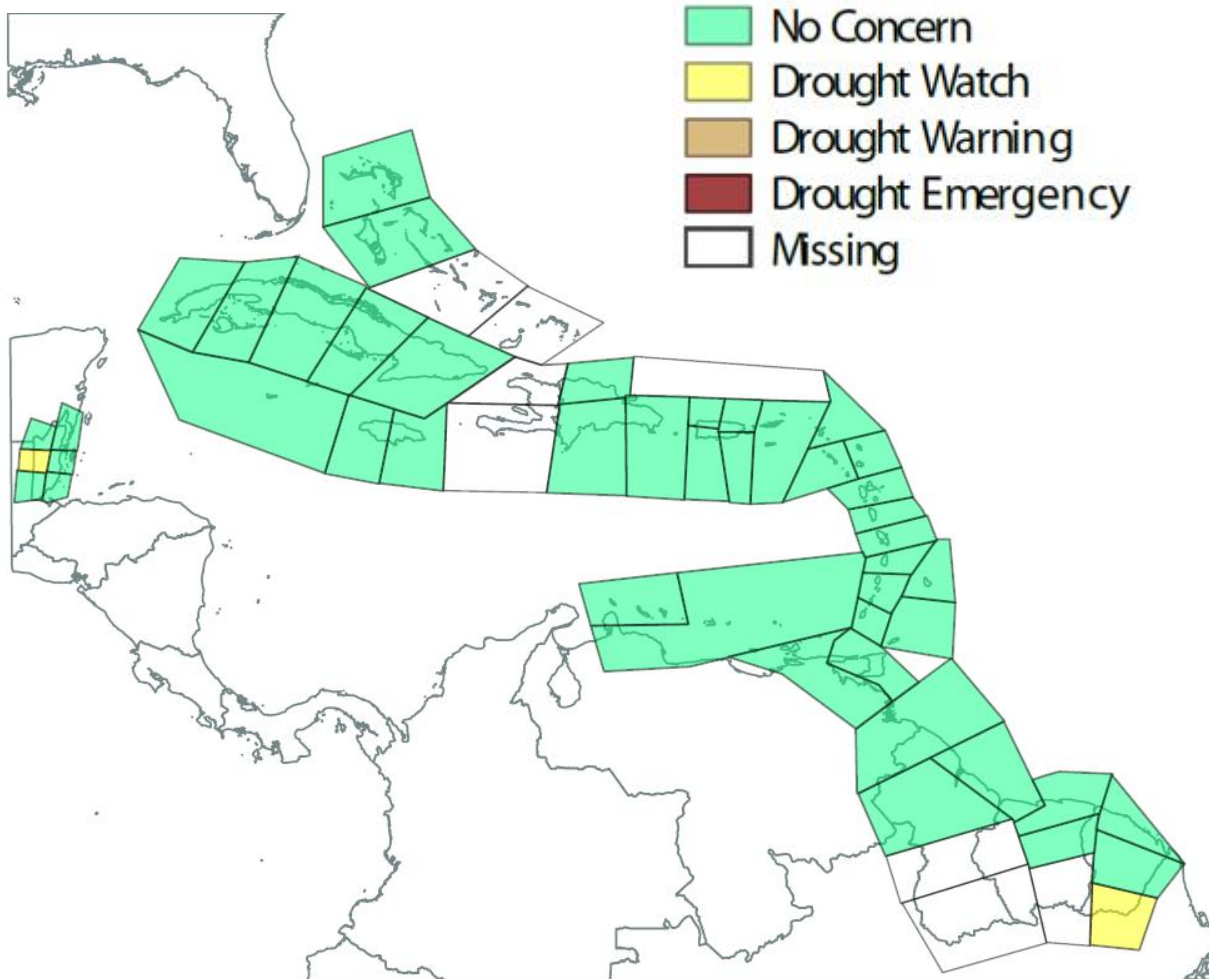
Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haïti, Jamaica, Martinique, Puerto Rico, St. Barts, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Martin, St. Vincent & the Grenadines, Suriname,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



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

Current update (April 2023):

- We are now in the Caribbean dry season.
- A **drought watch** should be considered for western Belize and southern French Guiana.



Short term drought alert levels at the end of July 2023

(updated April 2023 – based on a 6-month SPI for January to June 2023)

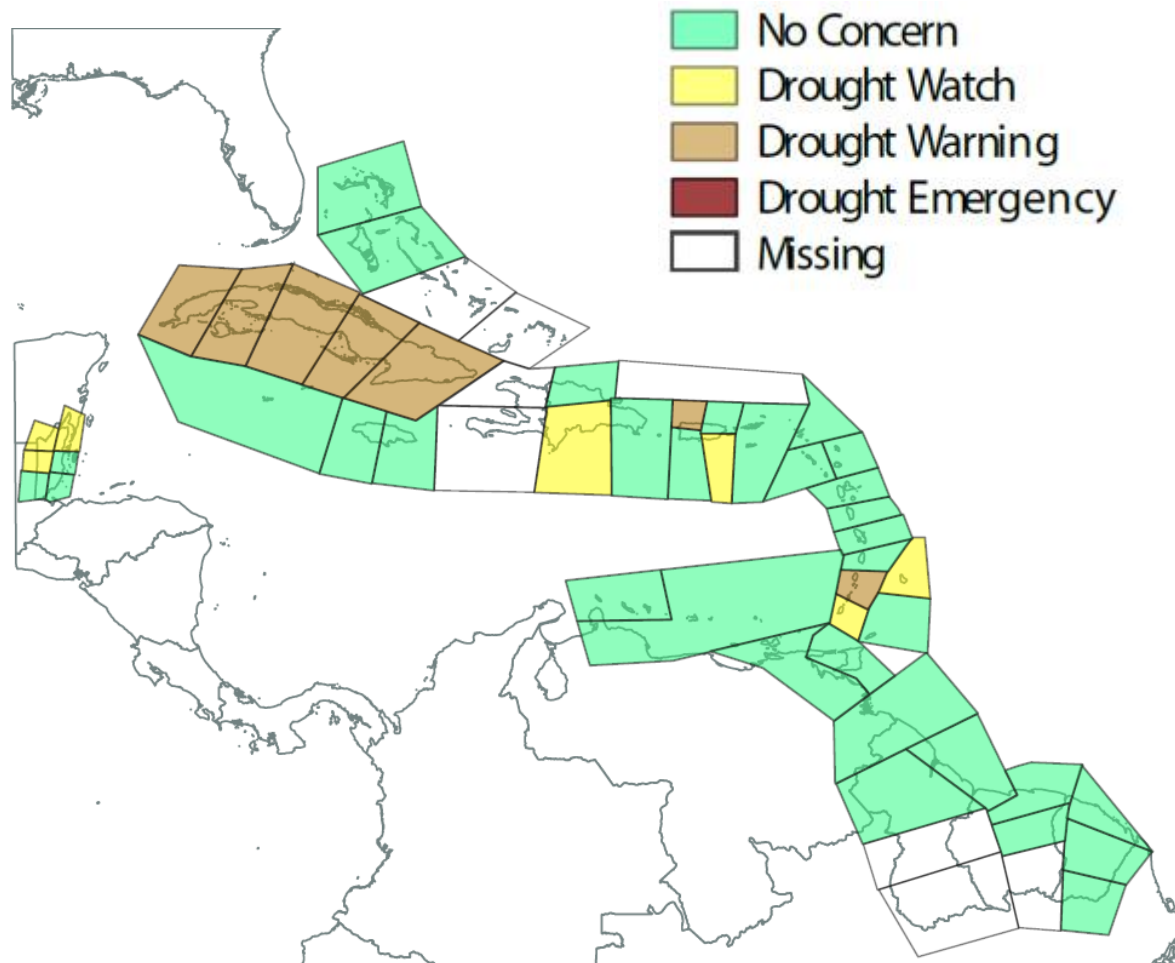
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For climate information specific to your country, please consult with your national meteorological service. *CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.*

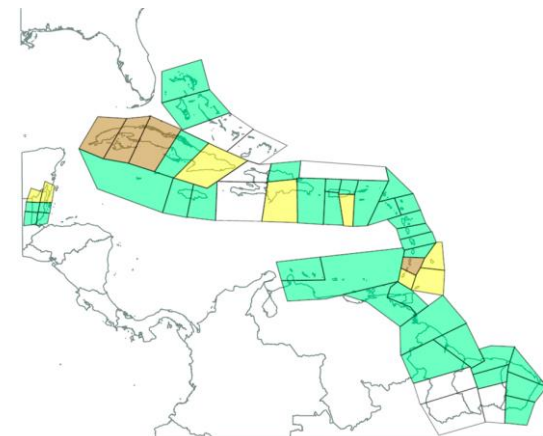


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CARIBBEAN CLIMATE OUTLOOK FORUM

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



- This 12-month SPI-based drought outlook uses observations through March 2023, with potential impacts on large surface water reservoirs and groundwater. In general, impacts are expected if the 12-month SPI is ≤ -0.8 (*moderately dry or worse* – ref.: CDPMN).
- A **drought warning** should be considered for Cuba, northwest Puerto Rico, and St. Vincent.
- A **drought watch** should be considered for Barbados, northwest Belize, southern Dominican Republic, Grenada, and southeast Puerto Rico.



Previous update (March): long term drought alert levels at the end of May 2023

Long term drought alert levels at the end of May 2023

(updated April 2023 – based on a 12-month SPI for June 2022 to May 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 March 2023): *(more information [here](#))*
 - Moderate (or worse) short term drought has developed in Barbados, northeast Belize, southeast Cuba, most parts of Hispaniola, east Martinique, St. Vincent, USVI.
 - Moderate (or worse) long term drought has developed in southwest Belize, westernmost Dominican Republic, Haiti, western and southern Jamaica, northern Martinique, western Puerto Rico, St. Kitts, and St. Vincent.
- Short-term drought situation (by the end of July 2023):
 - Short term drought is evolving in Haiti.
 - Short term drought might possibly develop in western Belize and southern French Guiana.
- Long-term drought situation (by the end of May 2023):
 - Long term drought is evolving across Cuba, northwest Puerto Rico, and St. Vincent.
 - Long term drought might possibly develop or continue in Barbados, northwest Belize, southern Dominican Republic, Grenada, and southeast Puerto Rico.
 - Areas ending up in long term drought by the end of May 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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