

CariCOF Drought Outlook

By the end of February 2024

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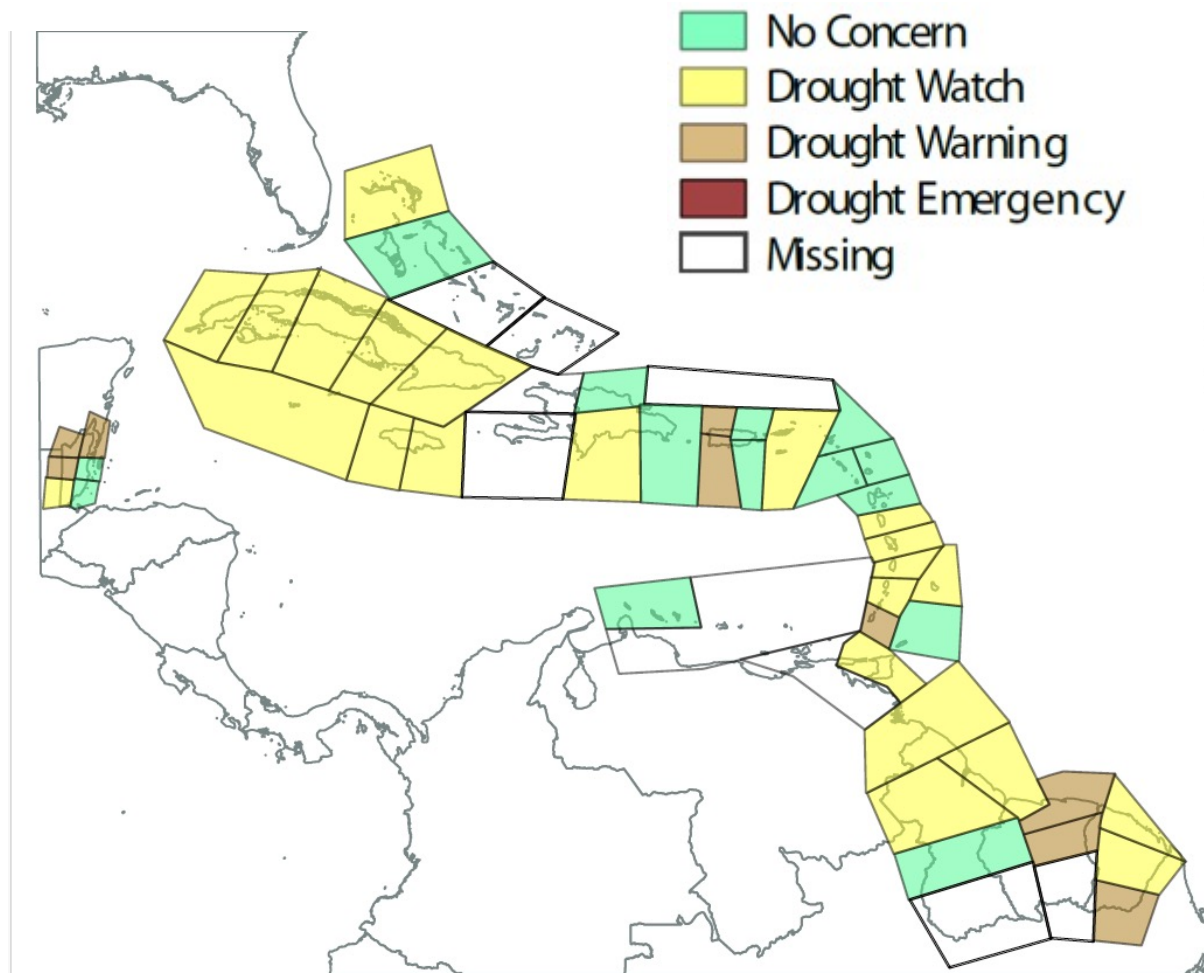
Participating territories

Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, 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 February 2024?

Current update (November 2023):



- We are entering the late Caribbean Dry Season.
- A **drought warning** should be considered for northern Belize, southern French Guiana, Grenada, western Puerto Rico, northern and central Suriname.
- A **drought watch** should be considered for the Northern Bahamas, Barbados, southwest Belize, Grand Cayman, Cuba, Dominica, southern Dominican Republic, northern and central parts of French Guiana and Guyana, Martinique, Saint Lucia, St. Vincent, Trinidad, and the USVI.

Short term drought alert levels at the end of February 2024

(updated November 2023 – based on a 6-month SPI for September to February 2024)

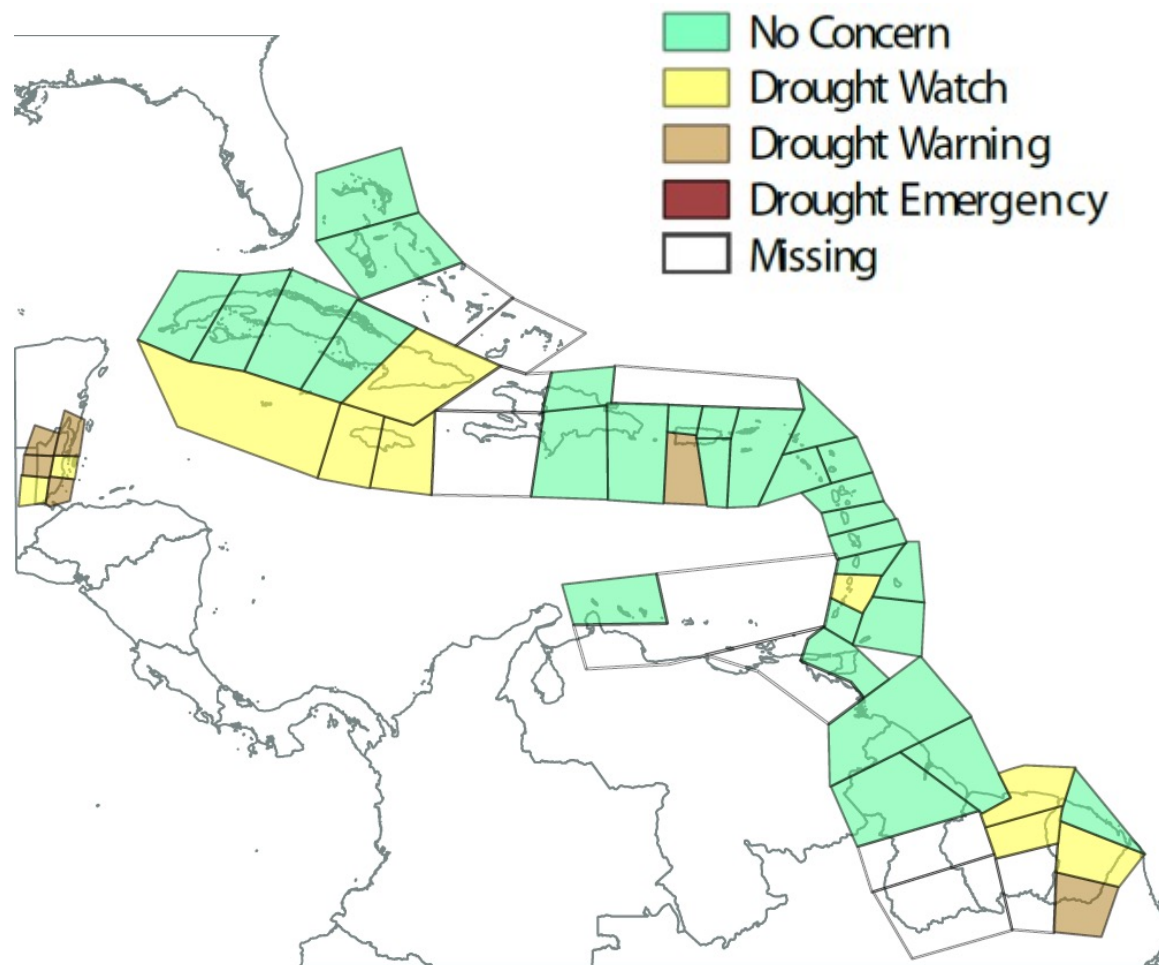
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For climate information specific to your country, please consult with your national meteorological service. *CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.*



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



- This 12-month SPI-based drought outlook uses observations through October 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 much of Belize, southern French Guiana and southwest Puerto Rico.
- A **drought watch** should be considered for southwest and east-central Belize, Grand Cayman, Eastern Cuba, central French Guiana, Jamaica, St. Vincent, northern Suriname.

Long term drought alert levels at the end of May 2023

(updated November 2023 – based on a 12-month SPI for June 2023 to May 2024)

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 October 2023): *(more information [here](#))*
 - Severe (or worse) short-term drought has developed in Belize, French Guiana, Guyana, and Suriname.
 - Severe (or worse) long-term drought has developed in parts of eastern Cuba, Grenada, Saint Vincent, and Tobago.
- Short-term drought situation (by the end of February 2024):
 - Short-term drought is evolving in northern Belize, southern French Guiana, Grenada, western Puerto Rico, northern and central Suriname.
 - Short-term drought might possibly develop or continue in the Northern Bahamas, Barbados, southwest Belize, Grand Cayman Cuba, Dominica, southern Dominican Republic, northern and central parts of French Guiana and Guyana, Martinique, Saint Lucia, St. Vincent, Trinidad, and the USVI.
- Long-term drought situation (by the end of May 2024):
 - Long-term drought is evolving in much of Belize, southern French Guiana and southwest Puerto Rico.
 - Long-term drought might possibly develop or continue in southwest and east-central Belize, Grand Cayman, Eastern Cuba, central French Guiana, Jamaica, St. Vincent, northern Suriname.

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

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



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