

CariCOF Drought Outlook

By the end of March 2024

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Participating territories

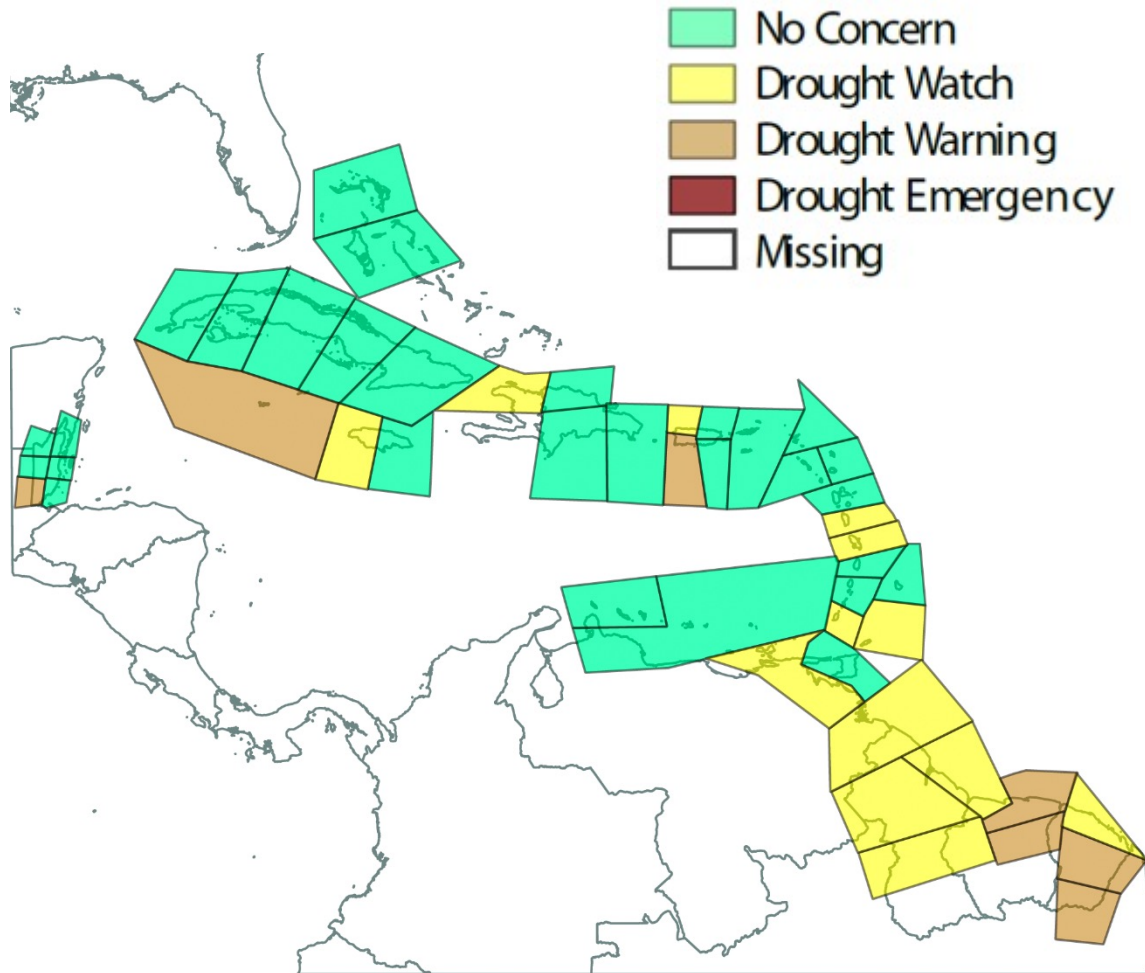
Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, Jamaica, Martinique, Puerto Rico, St. Barts, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Martin, St. Vincent & the Grenadines, Suriname,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



What is the predicted short term drought concern by the end of March 2024?

Current update (December 2023):

- We are now in the Caribbean dry season, but the secondary wet season in the coastal Guianas.
- A **drought warning** should be considered for southwest Belize, Grand Cayman, interior French Guiana, southwest Puerto Rico, and northeast Suriname.
- A **drought watch** should be considered for Dominica, coastal French Guiana, Grenada, Guyana, western Jamaica, Martinique, northwestern Puerto Rico, and Tobago.

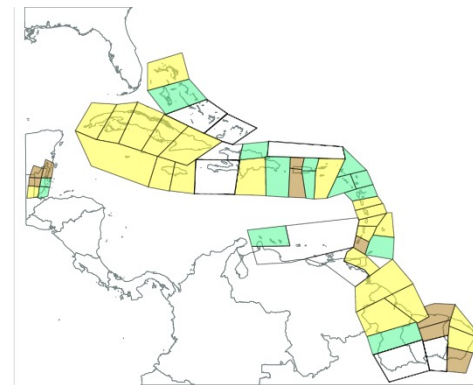


Short term drought alert levels at the end of March 2024

(updated December 2023 – based on a 6-month SPI for October to March 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.*

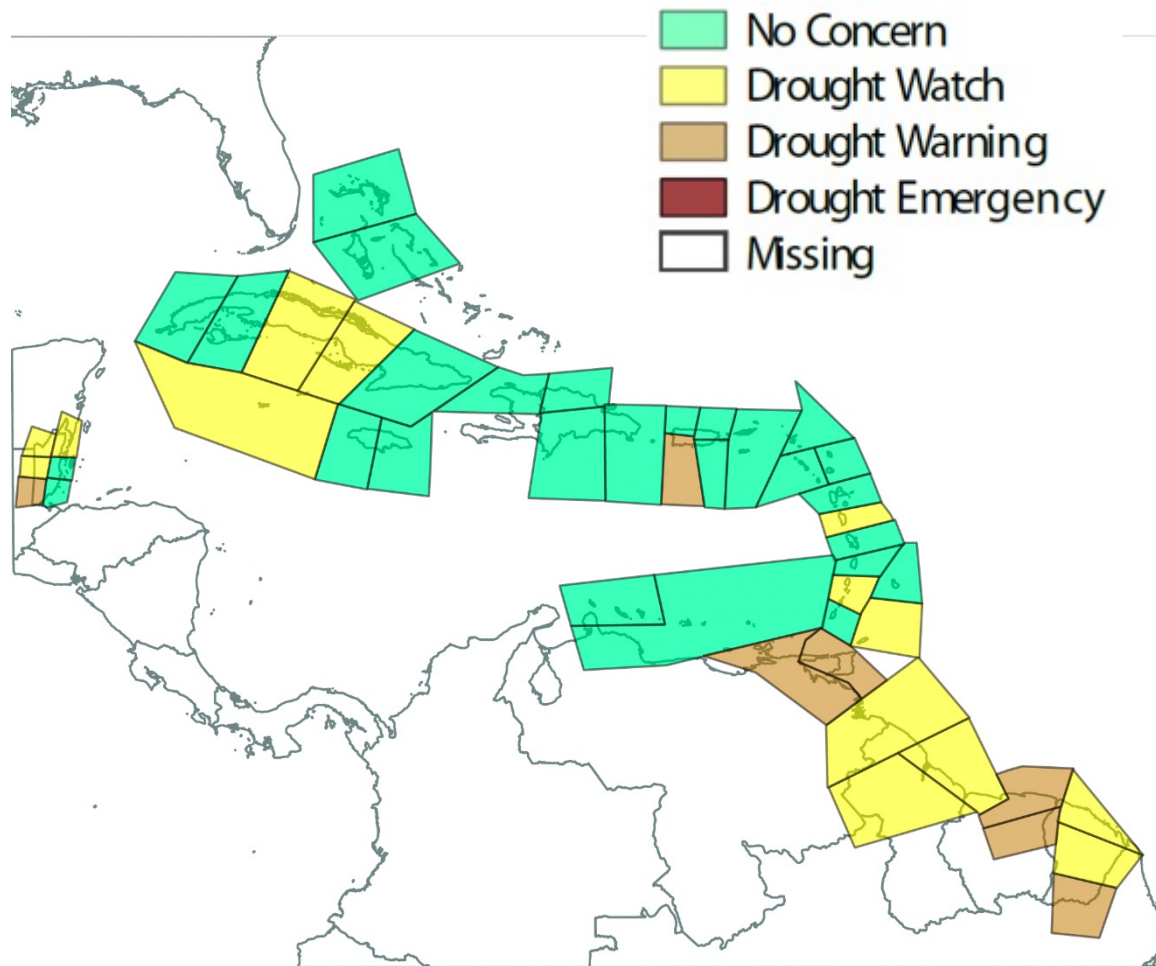


Previous update (November): short term drought alert levels at the end of February 2024

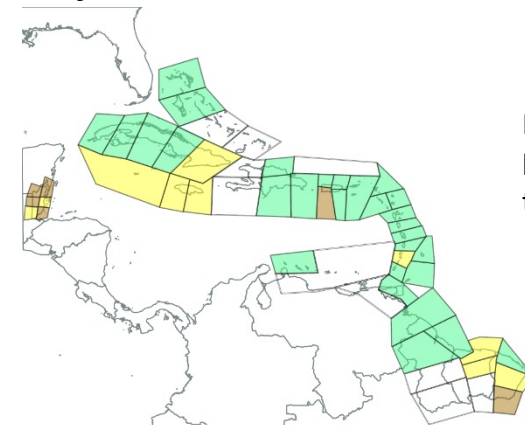


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CARIBBEAN CLIMATE OUTLOOK FORUM

What is the predicted long term drought concern at the end of May 2024?



- This 12-month SPI-based drought outlook uses observations through November 2022, 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 southwest Belize, southern French Guiana, southwest Puerto Rico, northern Suriname, and Trinidad.
- A **drought watch** should be considered for western and northern Belize, Central Cuba, Dominica, most of French Guiana, coastal and northern interior of Guyana, St. Vincent, and Tobago.



Previous update (November):
long term drought alert levels at
the end of May 2024

Long term drought alert levels at the end of May 2024

(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 November 2023): *(more information [here](#))*
 - Moderate (or worse) short-term drought has developed in Barbados, southeasternmost Cuba, Grenada, most parts of the Guianas, Martinique, southern Puerto Rico, St-Barts, St. Martin, St. Vincent, Trinidad & Tobago.
 - Moderate (or worse) long-term drought has developed in southern Barbados, parts of northern Belize, eastern Cuba, southeast French Guiana, Grenada, Martinique, southern Puerto Rico, St. Croix, St. Vincent, Trinidad & Tobago.
- Short-term drought situation (by the end of March 2024):
 - Short-term drought is evolving in southwest Belize, Grand Cayman, interior French Guiana, southwest Puerto Rico, and northeast Suriname.
 - Short-term drought might possibly develop or continue in Dominica, coastal French Guiana, Grenada, Guyana, western Jamaica, Martinique, northwestern Puerto Rico, and Tobago.
- Long-term drought situation (by the end of May 2024):
 - Long-term drought is evolving in southwest Belize, southern French Guiana, southwest Puerto Rico, northern Suriname, and Trinidad.
 - Long-term drought might possibly develop or continue in western and northern Belize, Central Cuba, Dominica, most of French Guiana, coastal and northern interior of Guyana,, St. Vincent, and Tobago.

** 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"> ✓ monitor resources ✓ update and ratify management plans ✓ public awareness campaigns ✓ upgrade infrastructure
DROUGHT WATCH	Drought possible	<ul style="list-style-type: none"> ✓ keep updated ✓ protect resources and conserve water ✓ implement management plans ✓ response training ✓ monitor and repair infrastructure
DROUGHT WARNING	Drought evolving	<ul style="list-style-type: none"> ✓ protect resources ✓ conserve and recycle water ✓ implement management plans ✓ release public service announcements ✓ last minute infrastructural repairs and upgrades ✓ report impacts
DROUGHT EMERGENCY	Drought of immediate concern	<ul style="list-style-type: none"> ✓ release public service announcements ✓ implement management and response plans ✓ enforce water restrictions and recycling ✓ enforce resource protection ✓ repair infrastructure ✓ report impacts



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