

CariCOF Drought Outlook

By the end of February 2025

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Participating territories

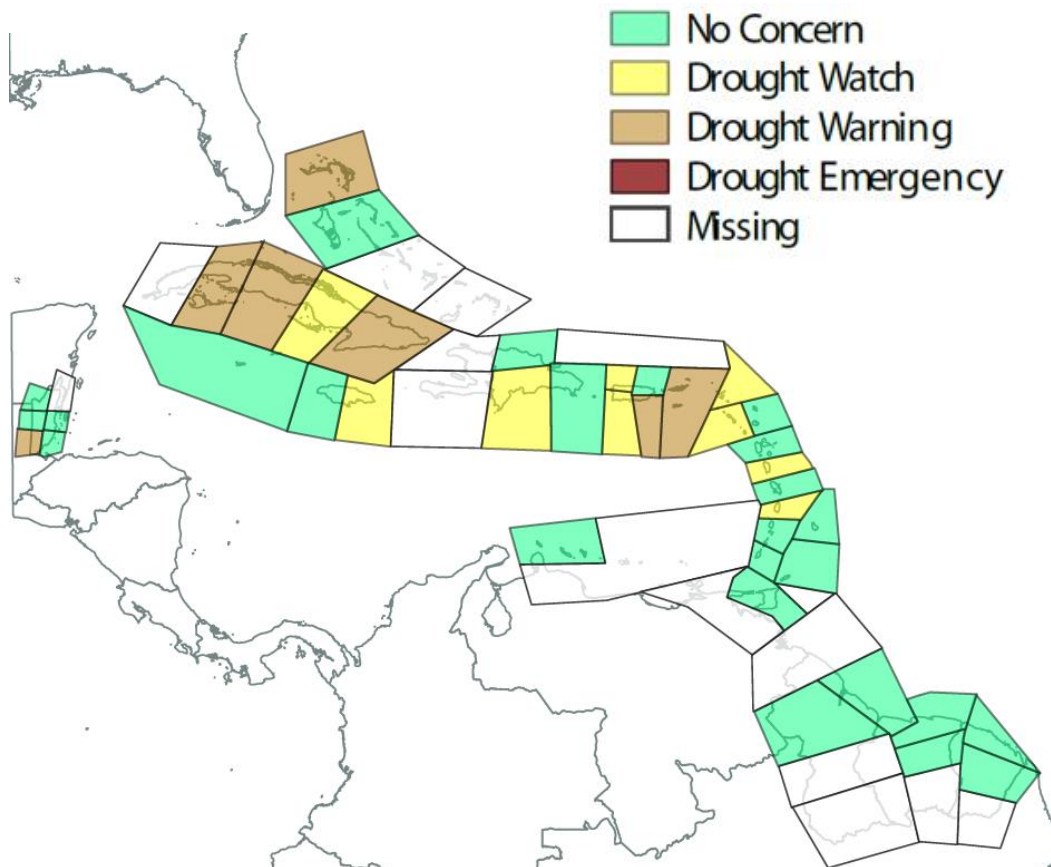
Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, Jamaica, Martinique, Puerto Rico, St. Barts, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Martin, St. Vincent & the Grenadines, Suriname,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



What is the predicted short term drought concern by the end of February 2025?

Current update (November 2024):

- We are entering the late Caribbean Dry Season.
- A **drought warning** should be considered for the extreme northwest Bahamas, SW Belize, most of Cuba, SE Puerto Rico, and the USVI.
- A **drought watch** should be considered for east-central Cuba, Dominica, southern Dominican Republic, eastern Jamaica, western Puerto Rico and Saint Lucia.



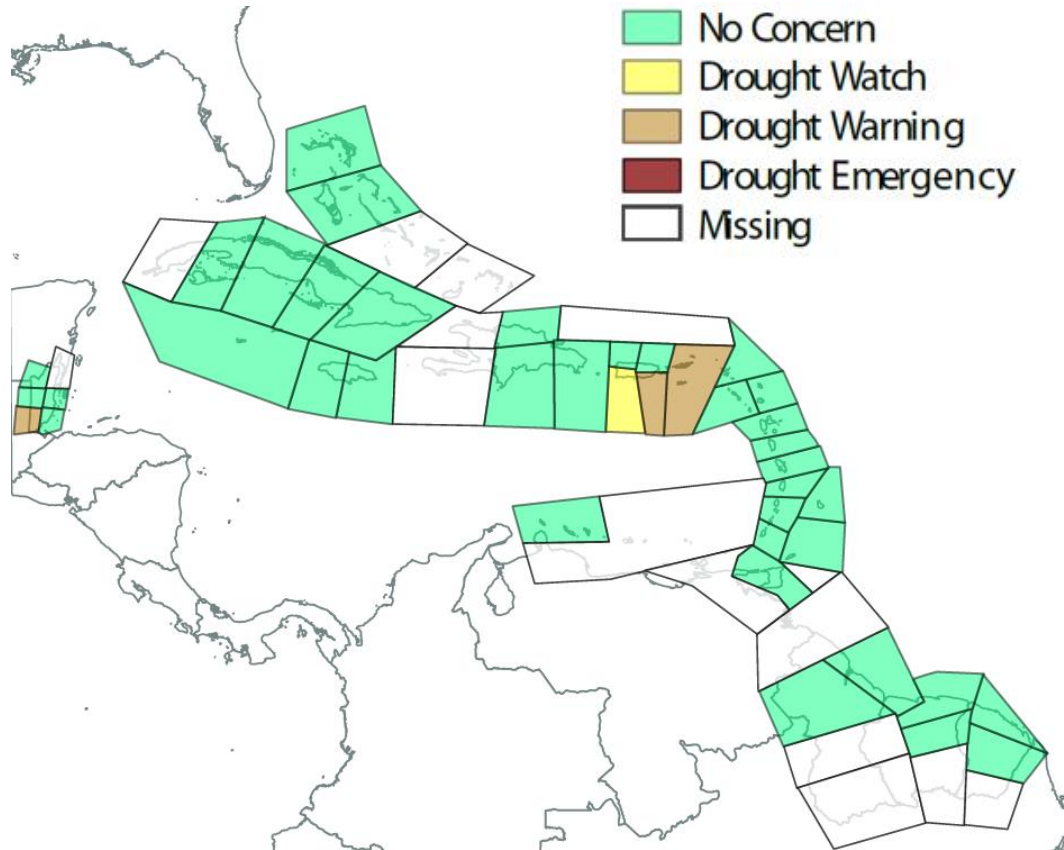
Short term drought alert levels at the end of February 2025

(updated November 2024 – based on a 6-month SPI for September to February 2025)

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.*

What is the predicted long term drought concern at the end of May 2025?

- This 12-month SPI-based drought outlook uses observations through October 2024, 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, southeast Puerto Rico and the USVI.
- A **drought watch** should be considered for southwest Puerto Rico.

Long term drought alert levels at the end of May 2025

(updated November 2024 – based on a 12-month SPI for June 2024 to May 2025)

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 2024): (*more information [here](#)*)
 - Moderate (or worse) short-term drought has developed in far southern Belize, the Dominican Republic, French Guiana, far southern Puerto Rico, southern Saint Lucia, St. Vincent, and Suriname.
 - Moderate (or worse) long-term drought has developed in the ABC Islands, far southern Belize, northern and central Dominican Republic, French Guiana, Guadeloupe, central parts of coastal Guyana, St. Croix, St. Kitts, eastern Suriname, Tobago.
- Short-term drought situation (by the end of February 2025):
 - Short-term drought is evolving in the extreme northwest Bahamas, SW Belize, most of Cuba, SE Puerto Rico, and the USVI.
 - Short-term drought might possibly develop or continue in central Cuba, Dominica, southern Dominican Republic, eastern Jamaica, western Puerto Rico and Saint Lucia.
- Long-term drought situation (by the end of May 2025):
 - Long-term drought is evolving in southwest Belize, southeast Puerto Rico and the USVI.
 - Long-term drought might possibly develop or continue in southwest Puerto Rico.

** 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



CARICOF
CARIBBEAN CLIMATE OUTLOOK FORUM

**Regional climate data, information, tools,
experimental and operational products
are available at**

<https://rcc.cimh.edu.bb>

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