

CariCOF Drought Outlook

By the end of April 2025

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Participating territories

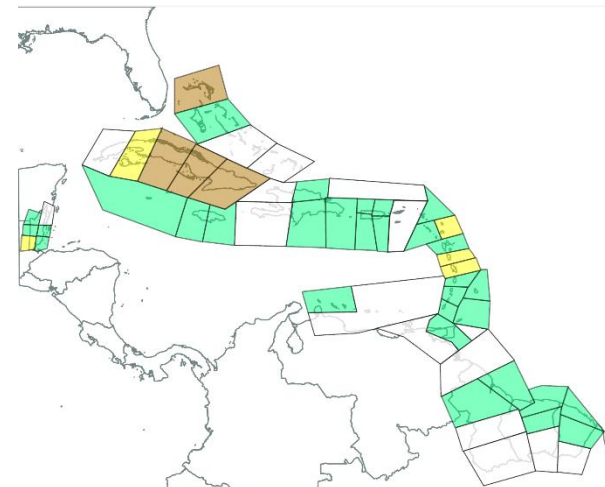
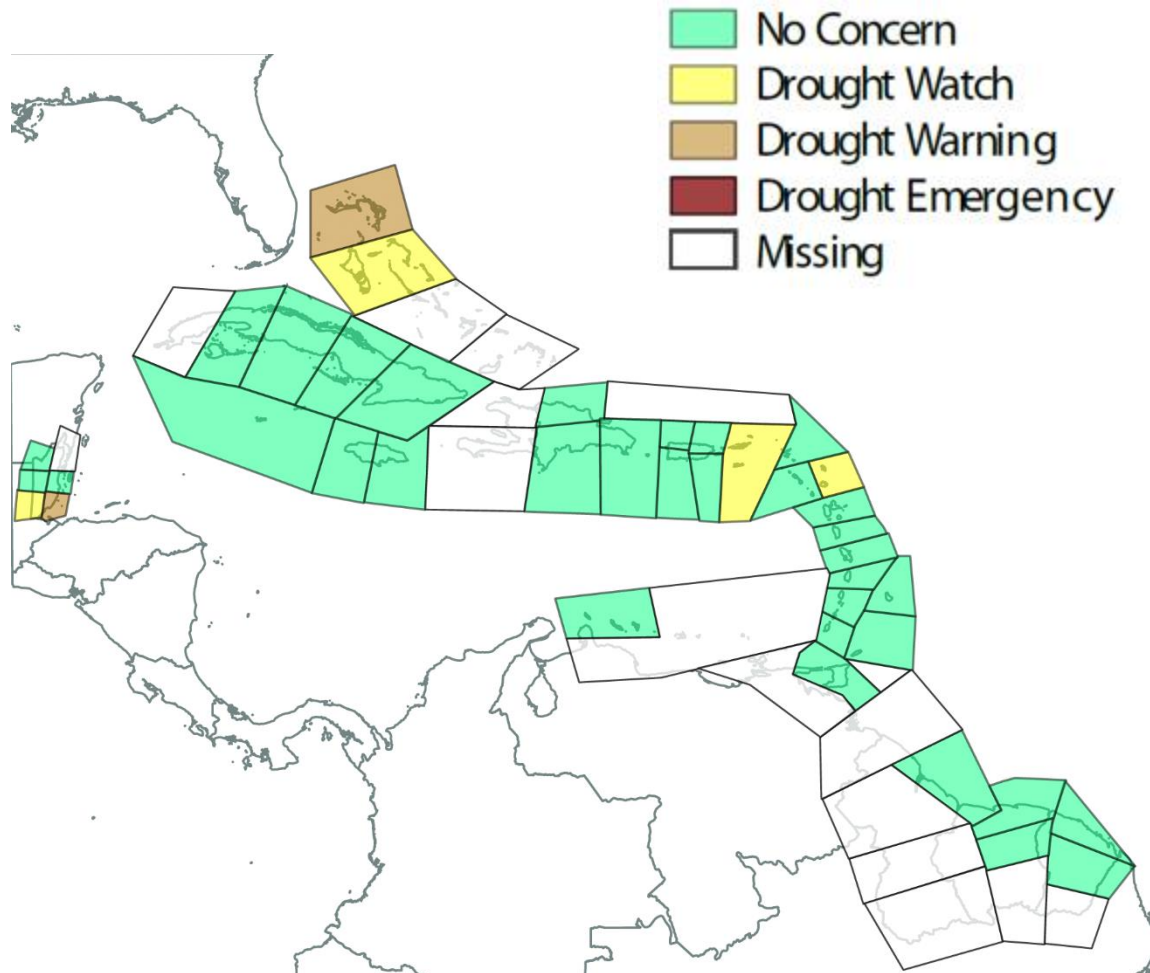
Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, Jamaica, Martinique, Puerto Rico, St. Barts, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Martin, St. Vincent & the Grenadines, Suriname,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



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

Current update (January 2025):

- The Caribbean is currently in its dry season.
- A **drought warning** should be considered for northwesternmost Bahamas islands and southeast Belize.
- A **drought watch** should be considered for Antigua, the central Bahamas islands, southwest Belize, and the USVI.



Previous update (December):
short term drought alert levels
at the end of March 2025

Short term drought alert levels at the end of April 2025

(updated **January 2025** – based on a 6-month SPI for November 2024
to April 2025)

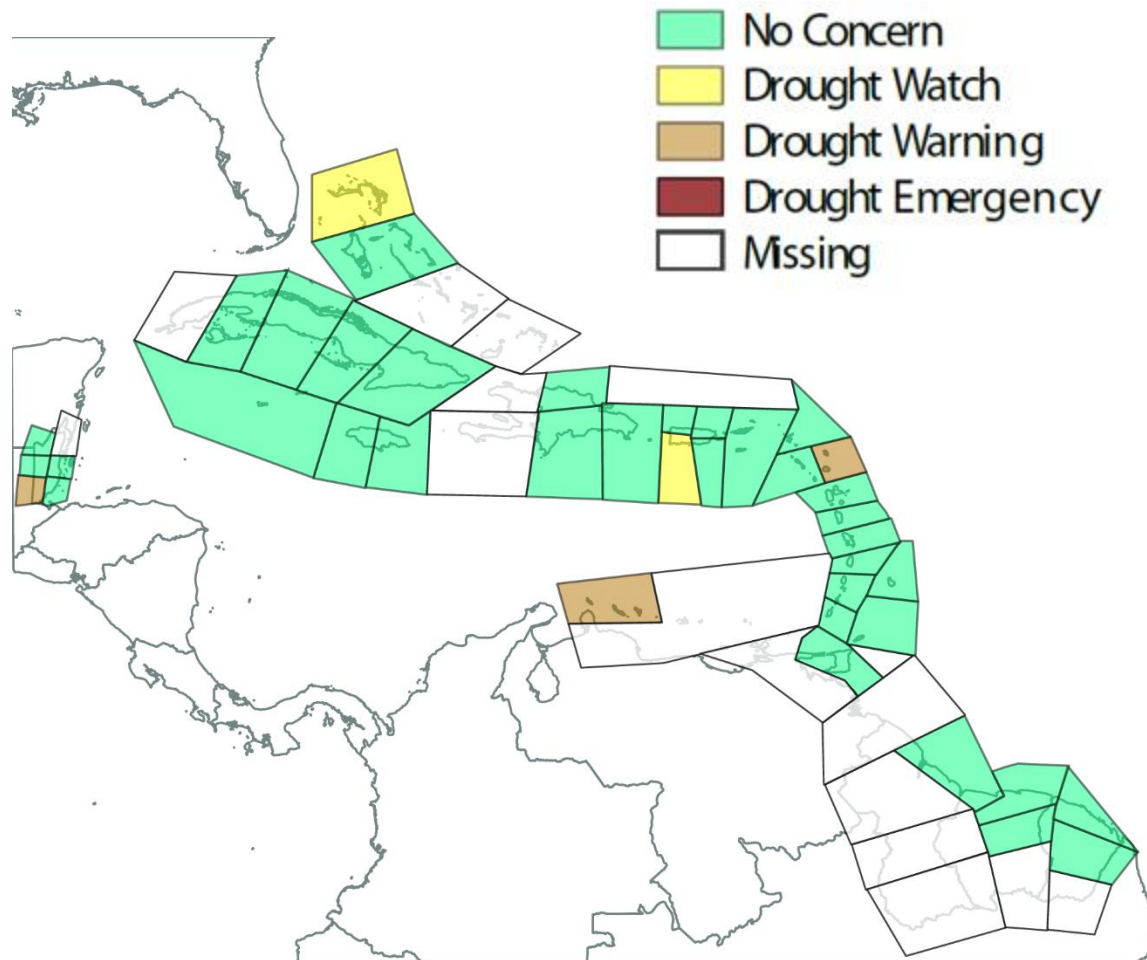
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For climate information specific to your country, please consult with your national meteorological service. *CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.*



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CARIBBEAN CLIMATE OUTLOOK FORUM

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

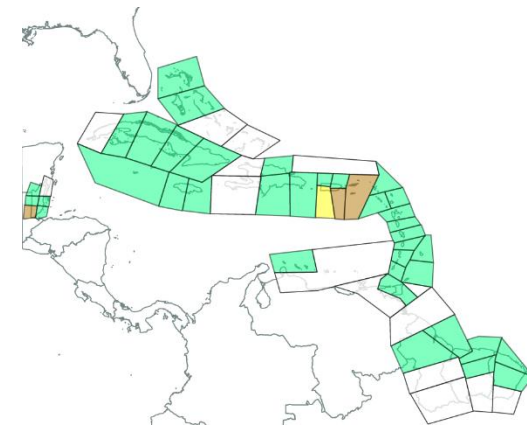


- This 12-month SPI-based drought outlook uses observations through December 2023, with potential impacts on large surface water reservoirs and groundwater. In general, impacts are expected if the 12-month SPI is ≤ -0.8 (*moderately dry or worse* – ref.: CDPMN).
- A **drought warning** should be considered for the ABC islands, Antigua and southwest Belize.
- A **drought watch** should be considered for the northern Bahamas islands and southwest Puerto Rico.

Long term drought alert levels at the end of May 2025

(updated January 2025 – 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.



Previous update (December):
long term drought alert levels at
the end of May 2025



Drought outlook – shorter-/longer-term concern?

- Current drought situation (up to the end of November 2024): *(more information [here](#))*
 - Moderate (or worse) short-term drought has developed in the ABC islands, Antigua, Grenada, northeast Guyana, Saint Vincent, and northern Suriname.
 - Moderate (or worse) long-term drought has developed in the ABC islands, French Guiana, northern Guyana, Jamaica, southern Puerto Rico, Suriname and Tobago.
- Short-term drought situation (by the end of April 2025):
 - Short-term drought is evolving in northwesternmost Bahamas islands and southeast Belize.
 - Short-term drought might possibly develop or continue in Antigua, the central Bahamas islands, southwest Belize, and the USVI.
- Long-term drought situation (by the end of May 2025):
 - Long-term drought is evolving in ABC islands, Antigua and southwest Belize.
 - Long-term drought might possibly develop or continue in northern Bahamas islands and 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



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