

CariCOF Drought Outlook

By the end of January 2025

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Participating territories

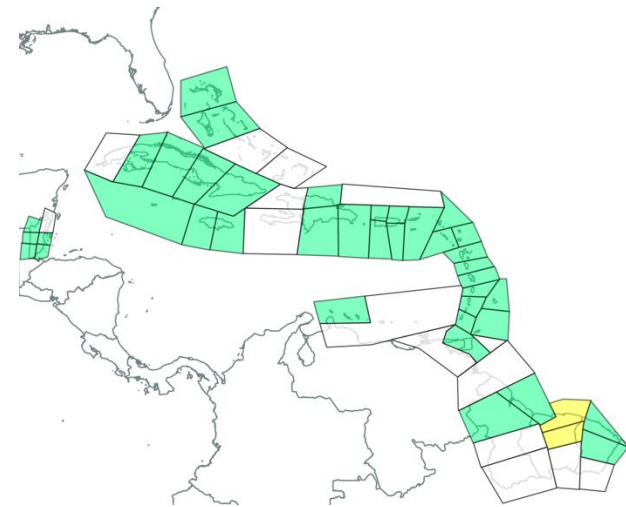
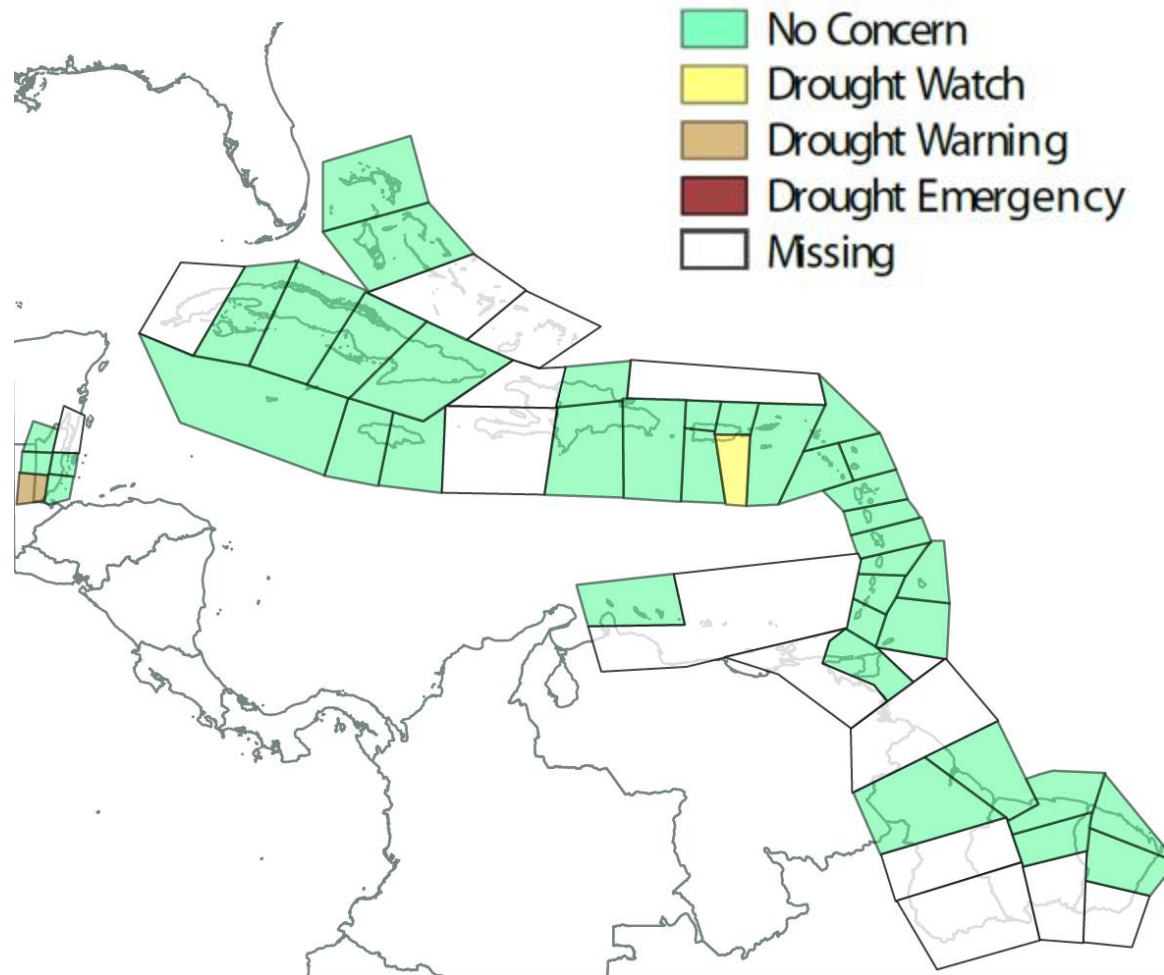
Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, Jamaica, Martinique, Puerto Rico, St. Barts, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Martin, St. Vincent & the Grenadines, Suriname,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



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

Current update (October 2024):

- We are entering the late Caribbean wet season.
- A **drought warning** should be considered for southwest Belize.
- A **drought watch** should be considered for southeast Puerto Rico.



Previous update (September):
short term drought alert levels
at the end of December 2024

Short term drought alert levels at the end of January 2025

(updated **October 2024** – based on a 6-month SPI for July to
December 2024)

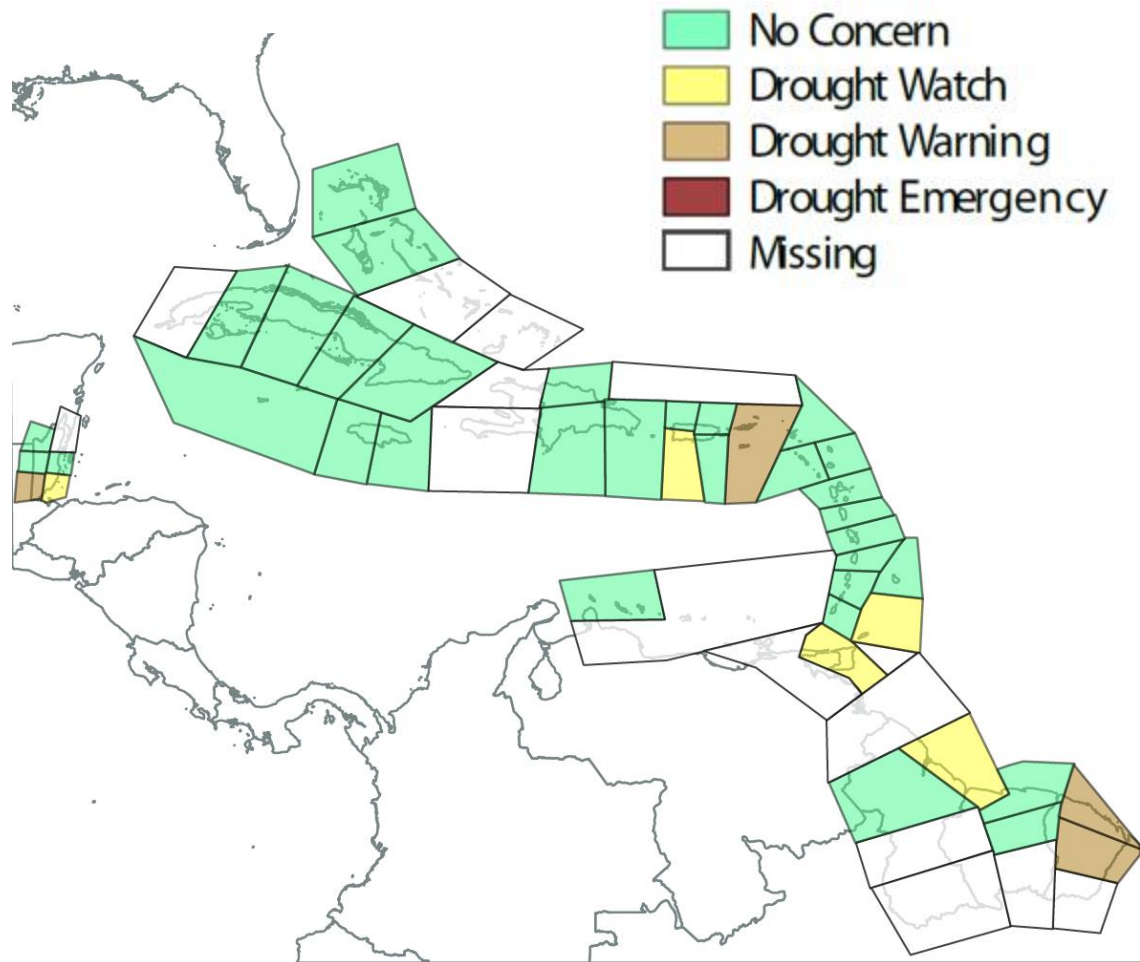
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For climate information specific to your country, please consult with your national meteorological service. CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.

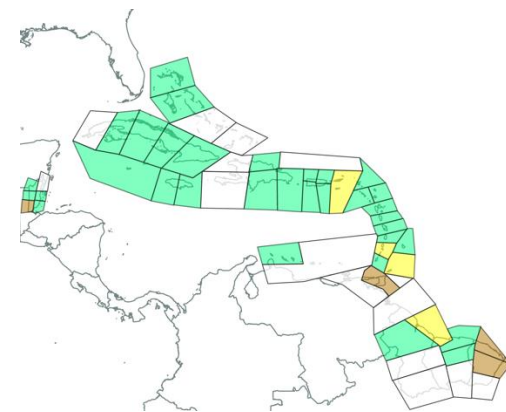


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CARIBBEAN CLIMATE OUTLOOK FORUM

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



- This 12-month SPI-based drought outlook uses observations through September 2024, with potential impacts on large surface water reservoirs and groundwater. In general, impacts are expected if the 12-month SPI is ≤ -1.3 (*severely dry or worse* – ref.: CDPMN).
- A **drought warning** should be considered for southwest Belize, French Guiana, and the USVI.
- A **drought watch** should be considered for southeast Belize, coastal Guyana, southwest Puerto Rico, and Trinidad and Tobago.



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

Long term drought alert levels at the end of November 2024

(updated October 2024 – based on a 12-month SPI for December 2023 to November 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 September 2024): *(more information [here](#))*
 - Severe (or worse) short-term drought has developed in French Guiana.
 - Severe (or worse) long-term drought has developed along the north coast of the Dominican Republic, in coastal Guyana, western French Guiana, and eastern Suriname
- Short-term drought situation (by the end of January 2025):
 - Short-term drought is evolving in southwest Belize.
 - Short-term drought might possibly develop or continue in southeast Puerto Rico.
- Long-term drought situation (by the end of November 2024):
 - Long-term drought is evolving in southwest Belize, French Guiana, and the USVI.
 - Long-term drought might possibly develop or continue in southeast Belize, coastal Guyana, southwest Puerto Rico, and Trinidad and Tobago.
 - Areas ending up in long-term drought by the end of November are likely to experience lower than usual water levels in large reservoirs, large rivers and groundwater going into the Caribbean Dry Season, increasing chances of long-term drought impacts then.

** 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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