

# CariCOF Drought Outlook

## By the end of December 2024

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### Participating territories

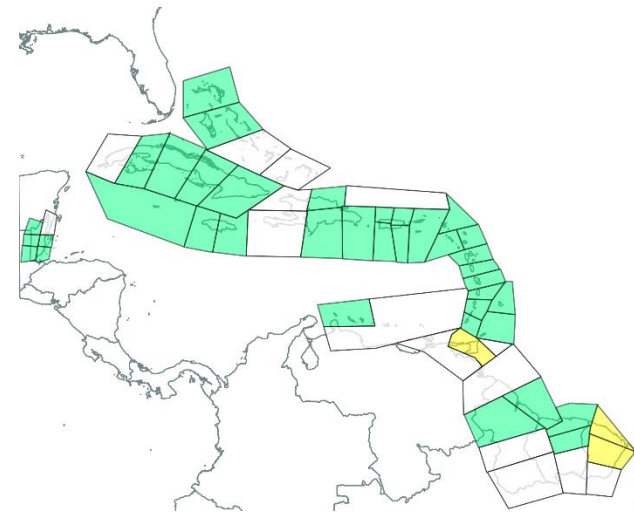
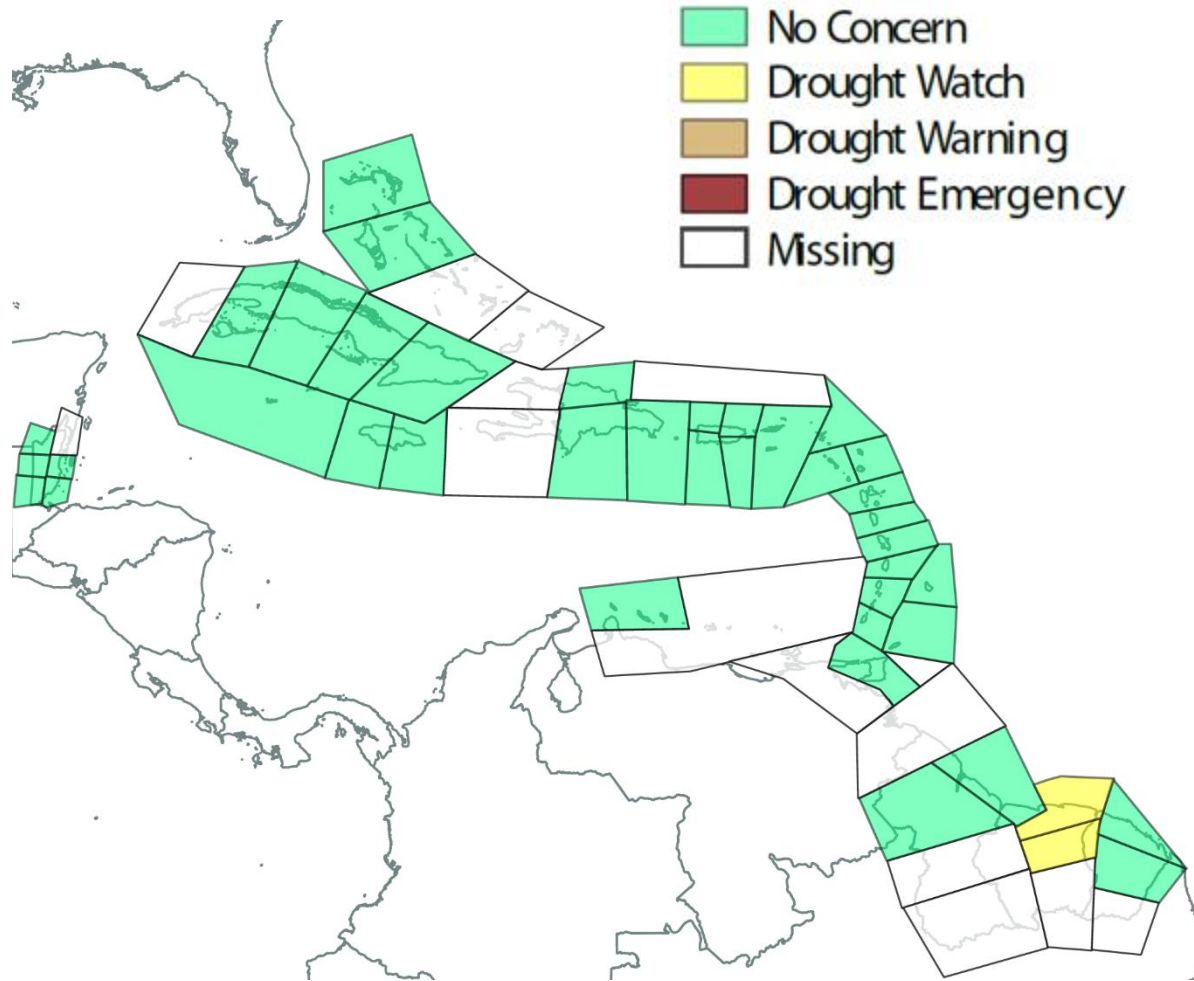
Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, Jamaica, Martinique, Puerto Rico, St. Barts, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Martin, St. Vincent & the Grenadines, Suriname,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



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

## Current update (September 2024):

- We are entering the late Caribbean wet season.
- A **drought watch** should be considered for Suriname.



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

## Short term drought alert levels at the end of December 2024

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

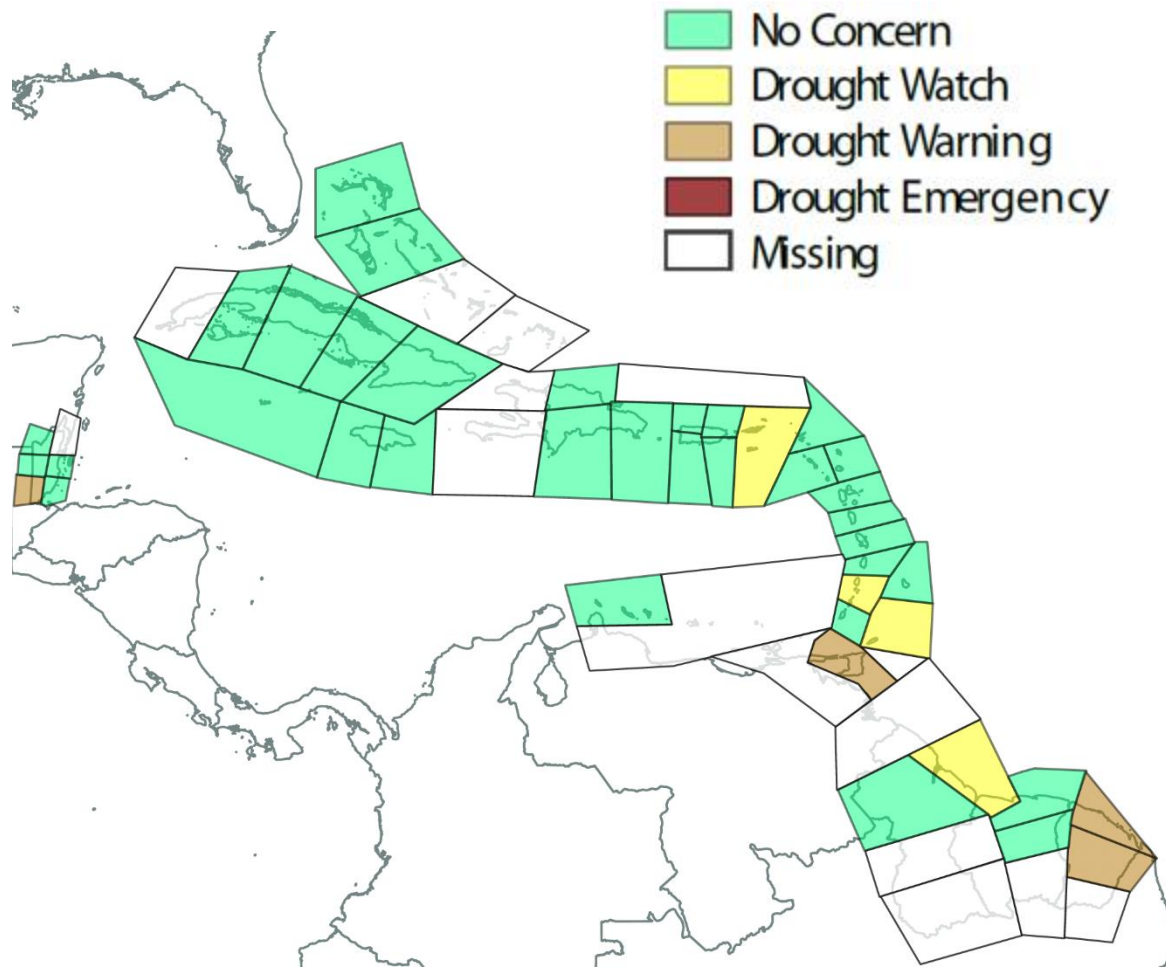
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For climate information specific to your country, please consult with your national meteorological service. *CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.*



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

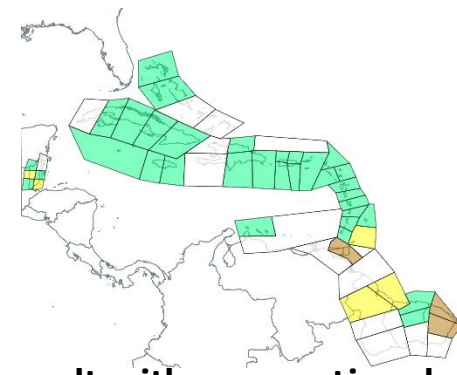


- This 12-month SPI-based drought outlook uses observations through August 2024, with potential impacts on large surface water reservoirs and groundwater. In general, impacts are expected if the 12-month SPI is  $\leq -1.3$  (*severely dry or worse* – ref.: CDPMN).
- A **drought warning** should be considered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

## Long term drought alert levels at the end of November 2024

(updated September 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.



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



# Drought outlook – shorter-/longer-term concern?

- Current drought situation (up to the end of August 2024): *(more information [here](#))*
  - Severe (or worse) short-term drought has developed in Trinidad.
  - Severe (or worse) long-term drought has developed in French Guiana, Guyana and Suriname.
- Short-term drought situation (by the end of December 2024):
  - Short-term drought might possibly develop in Suriname.
- Long-term drought situation (by the end of November 2024):
  - Long-term drought is evolving in southwest Belize, French Guiana, and Trinidad.
  - Long-term drought might possibly develop or continue in coastal Guyana, USVI, St. Vincent, 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.

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

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

ALERT LEVEL	MEANING	ACTION LEVEL
<b>NO CONCERN</b>	No drought concern	<ul style="list-style-type: none"> <li>✓ <b>monitor resources</b></li> <li>✓ update and ratify management plans</li> <li>✓ public awareness campaigns</li> <li>✓ upgrade infrastructure</li> </ul>
<b>DROUGHT WATCH</b>	Drought possible	<ul style="list-style-type: none"> <li>✓ <b>keep updated</b></li> <li>✓ protect resources and conserve water</li> <li>✓ implement management plans</li> <li>✓ response training</li> <li>✓ monitor and repair infrastructure</li> </ul>
<b>DROUGHT WARNING</b>	Drought evolving	<ul style="list-style-type: none"> <li>✓ <b>protect resources</b></li> <li>✓ conserve and recycle water</li> <li>✓ implement management plans</li> <li>✓ release public service announcements</li> <li>✓ last minute infrastructural repairs and upgrades</li> <li>✓ report impacts</li> </ul>
<b>DROUGHT EMERGENCY</b>	Drought of immediate concern	<ul style="list-style-type: none"> <li>✓ <b>release public service announcements</b></li> <li>✓ implement management and response plans</li> <li>✓ enforce water restrictions and recycling</li> <li>✓ enforce resource protection</li> <li>✓ repair infrastructure</li> <li>✓ report impacts</li> </ul>



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