

# CariCOF Drought Outlook

By the end of May 2025

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## Participating territories

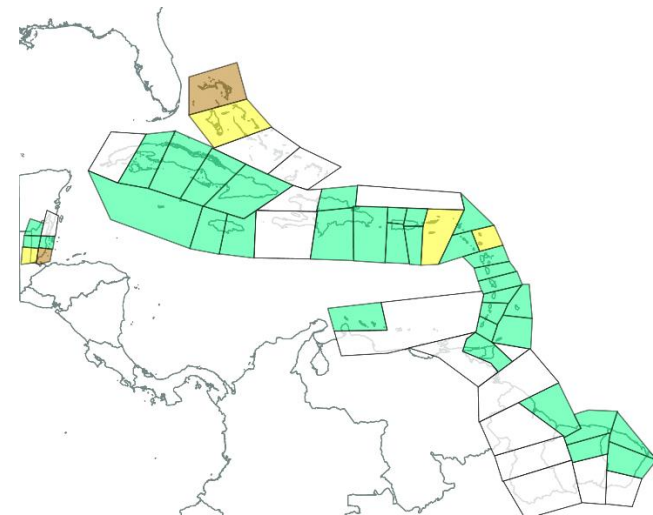
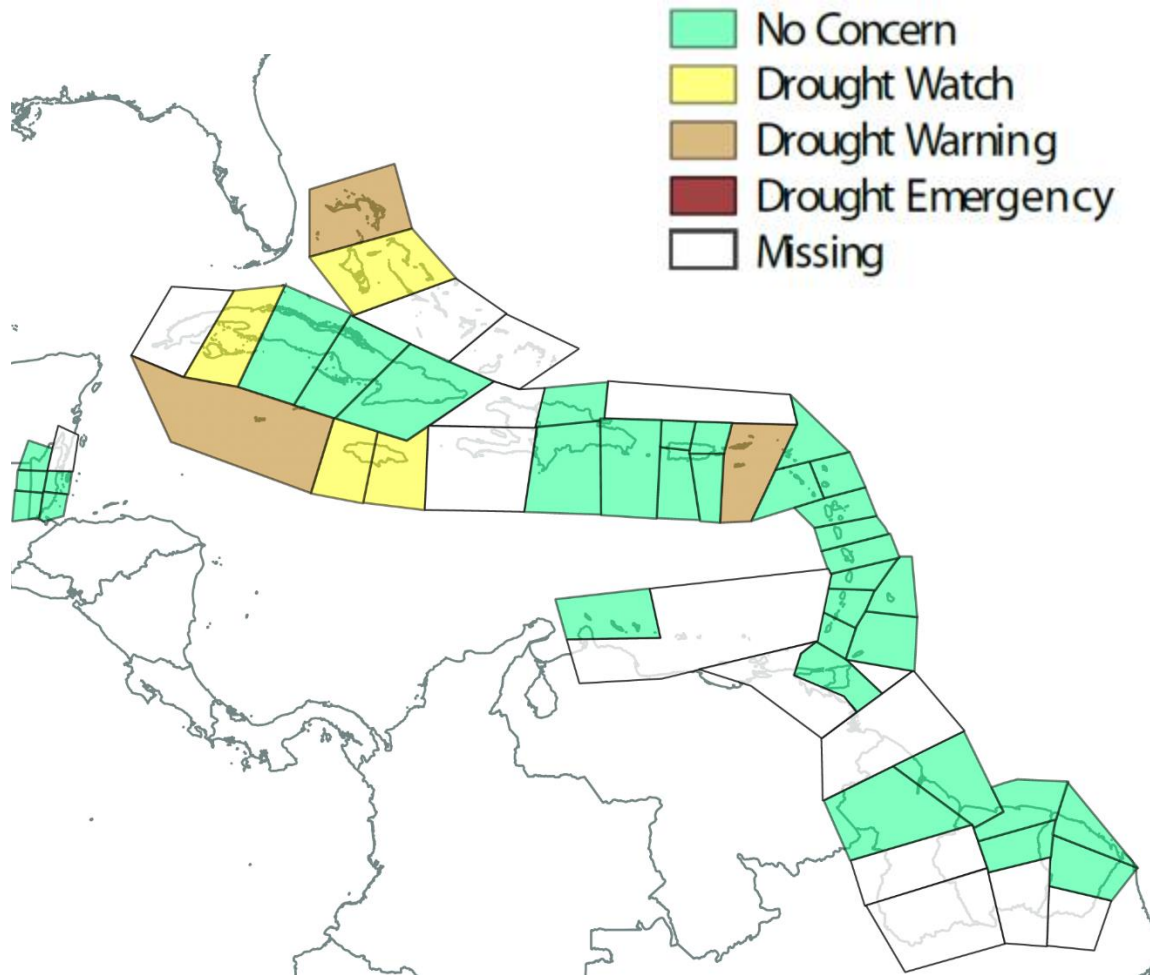
Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, Jamaica, Martinique, Puerto Rico, St. Barts, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Martin, St. Vincent & the Grenadines, Suriname,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



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

## Current update (February 2025):

- The Caribbean is currently in its dry season.
- A **drought warning** should be considered for the northern Bahamas, Grand Cayman, and the USVI.
- A **drought watch** should be considered for the central Bahamas, western Cuba, and Jamaica.



Previous update (January): short term drought alert levels at the end of April 2025

## Short term drought alert levels at the end of May 2025

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

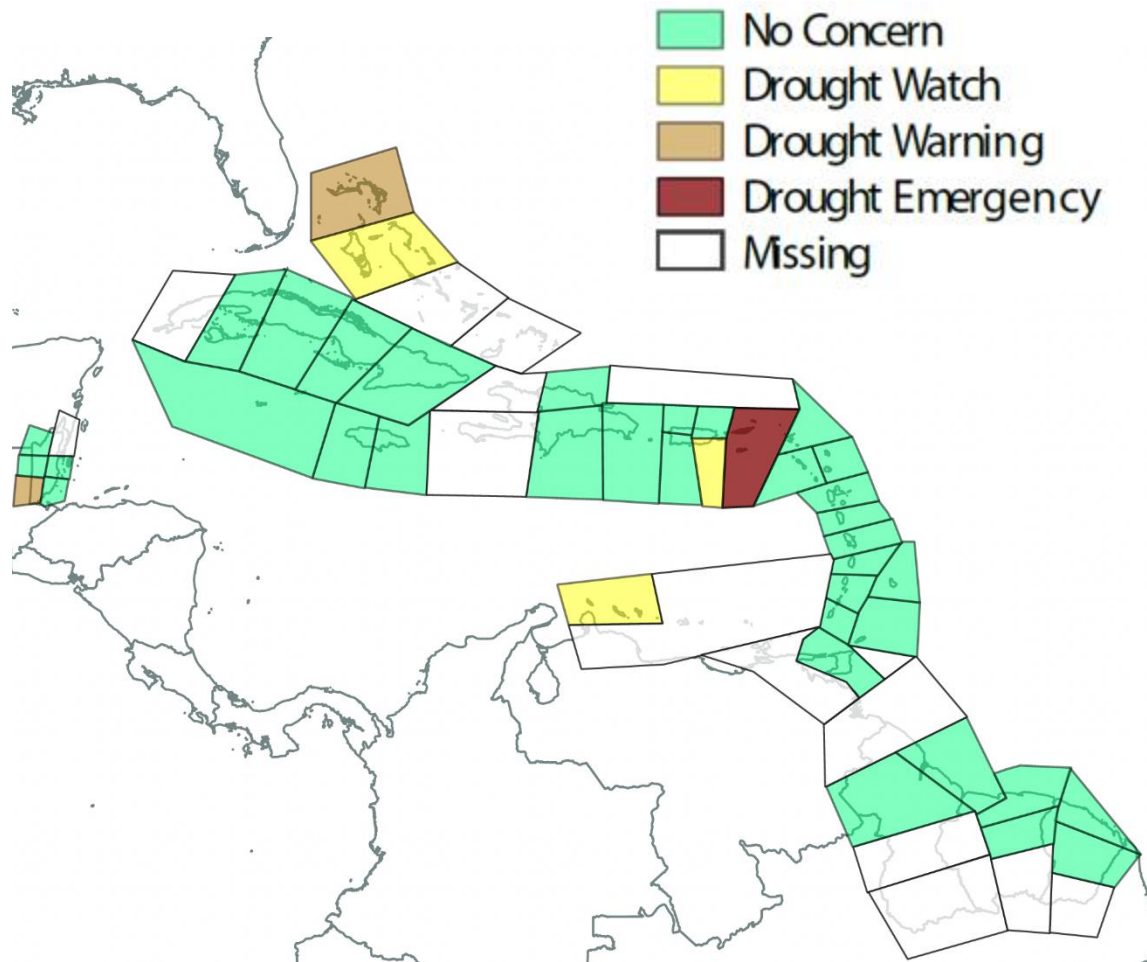
[caricof@cimh.edu.bb](mailto:caricof@cimh.edu.bb)

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.

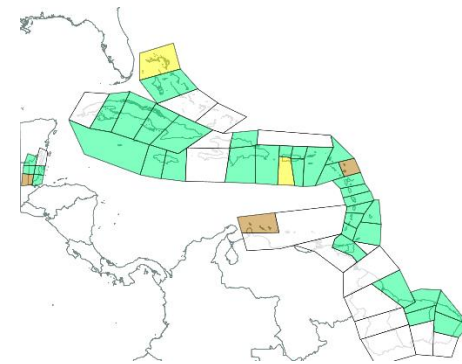


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# What is the predicted long term drought concern at the end of May 2025?



- This 12-month SPI-based drought outlook uses observations through January 2024, with potential impacts on large surface water reservoirs and groundwater. In general, impacts are expected if the 12-month SPI is  $\leq -0.8$  (*moderately dry or worse* – ref.: CDPMN).
- A **drought emergency** should be considered for the USVI.
- A **drought warning** should be considered for the northern Bahamas and southwest Belize.
- A **drought watch** should be considered for the ABC islands, the central Bahamas and southeast Puerto Rico.



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

## Long term drought alert levels at the end of May 2025

(updated February 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.

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

- Current drought situation (up to the end of January 2025): *(more information [here](#))*
  - Moderate (or worse) short-term drought has developed in Antigua, the northern and central Bahamas, southwest French Guiana, central portions of the coast of Guyana, and St. Croix.
  - Moderate (or worse) long-term drought has developed in southwest Belize, northernmost parts of Dominican Republic, southwest French Guiana, southwest Jamaica, St. Croix, and northwest Trinidad.
- Short-term drought situation (by the end of May 2025):
  - Short-term drought is evolving in the northern Bahamas, Cayman Island, and the USVI.
  - Short-term drought might possibly develop or continue in the central Bahamas, western Cuba, and Jamaica.
- Long-term drought situation (by the end of May 2025):
  - Long-term drought is of immediate concern in the USVI.
  - Long-term drought is evolving in the northern Bahamas and southwest Belize.
  - Long-term drought might possibly develop or continue in ABC islands, the central Bahamas and southeast 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
<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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