

# CariCOF Drought Outlook

By the end of March 2025

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## Participating territories

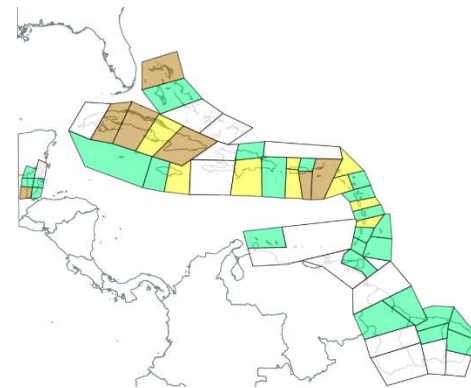
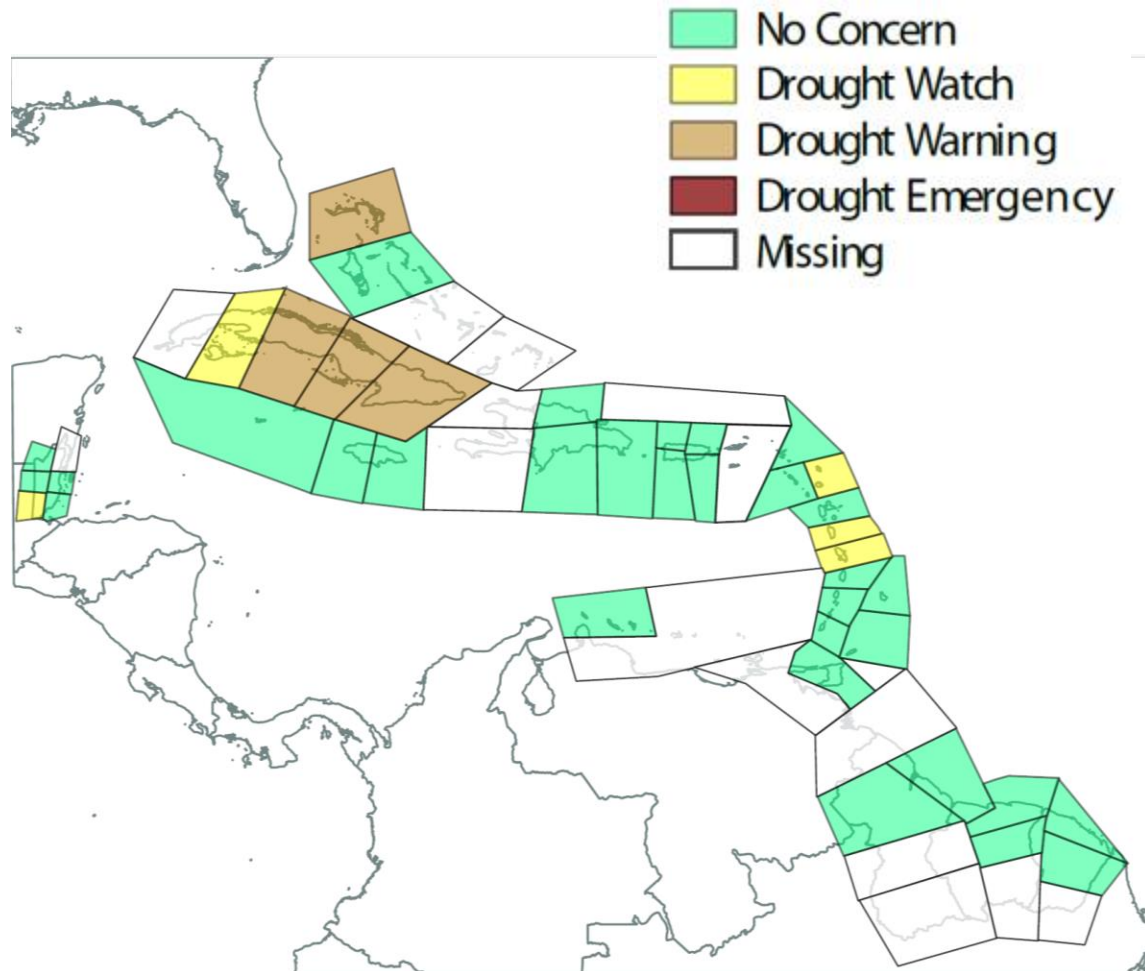
Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, Jamaica, Martinique, Puerto Rico, St. Barts, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Martin, St. Vincent & the Grenadines, Suriname,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



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

## Current update (December 2024):

- We are now in the Caribbean dry season, but the secondary wet season in the coastal Guianas.
- A **drought warning** should be considered for the northern Bahamas and most of Cuba.
- A **drought watch** should be considered for Antigua, southwest Belize, western Cuba, Dominica and Martinique.



Previous update (November):  
short term drought alert levels  
at the end of February 2025

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

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

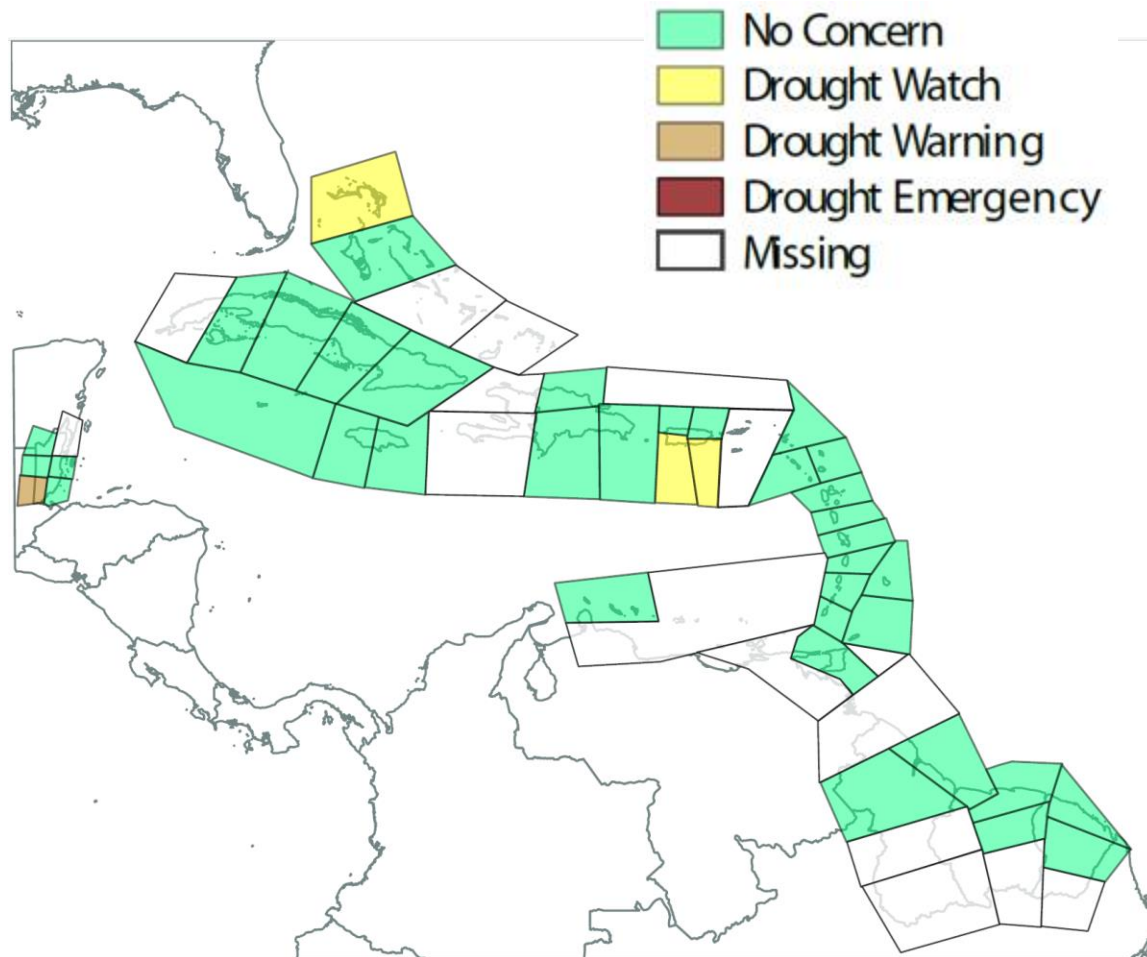
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For climate information specific to your country, please consult with your national meteorological service. CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.



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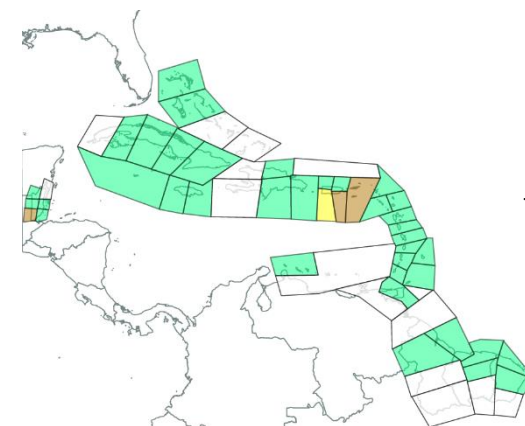
# What is the predicted long term drought concern at the end of May 2025?



- This 12-month SPI-based drought outlook uses observations through November 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 warning** should be considered for southwest Belize.
- A **drought watch** should be considered for the northern Bahamas and southern Puerto Rico.

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

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



Previous update (November):  
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 Aruba, southern Belize, Dominica, northern Guyana, and southern Puerto Rico.
  - Moderate (or worse) long-term drought has developed in French Guiana, northern Guyana, Jamaica, southern Puerto Rico, eastern Suriname, and Trinidad.
- Short-term drought situation (by the end of March 2025):
  - Short-term drought is evolving in the northern Bahamas and most of Cuba..
  - Short-term drought might possibly develop or continue in Antigua, southwest Belize, western Cuba, Dominica and Martinique.
- Long-term drought situation (by the end of May 2025):
  - Long-term drought is evolving in southwest Belize.
  - Long-term drought might possibly develop or continue and should be considered for the northern Bahamas and southern 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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