

CariCOF Drought Outlook

By the end of October 2025

*Coordination: Caribbean Institute for Meteorology & Hydrology
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Participating territories

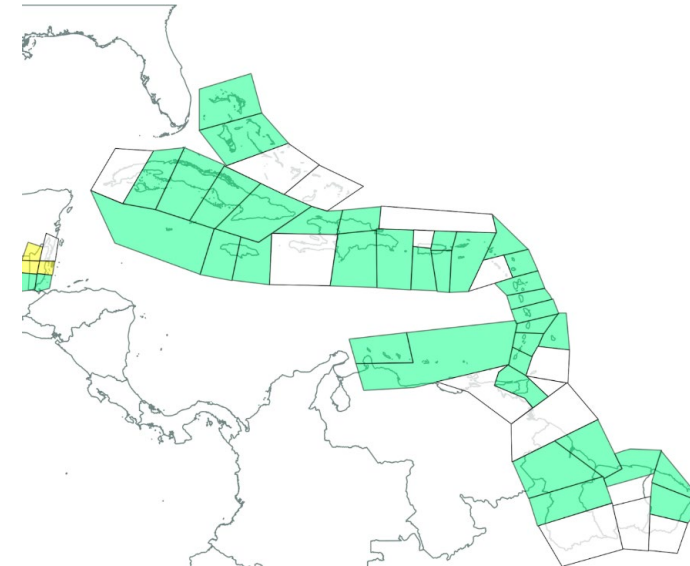
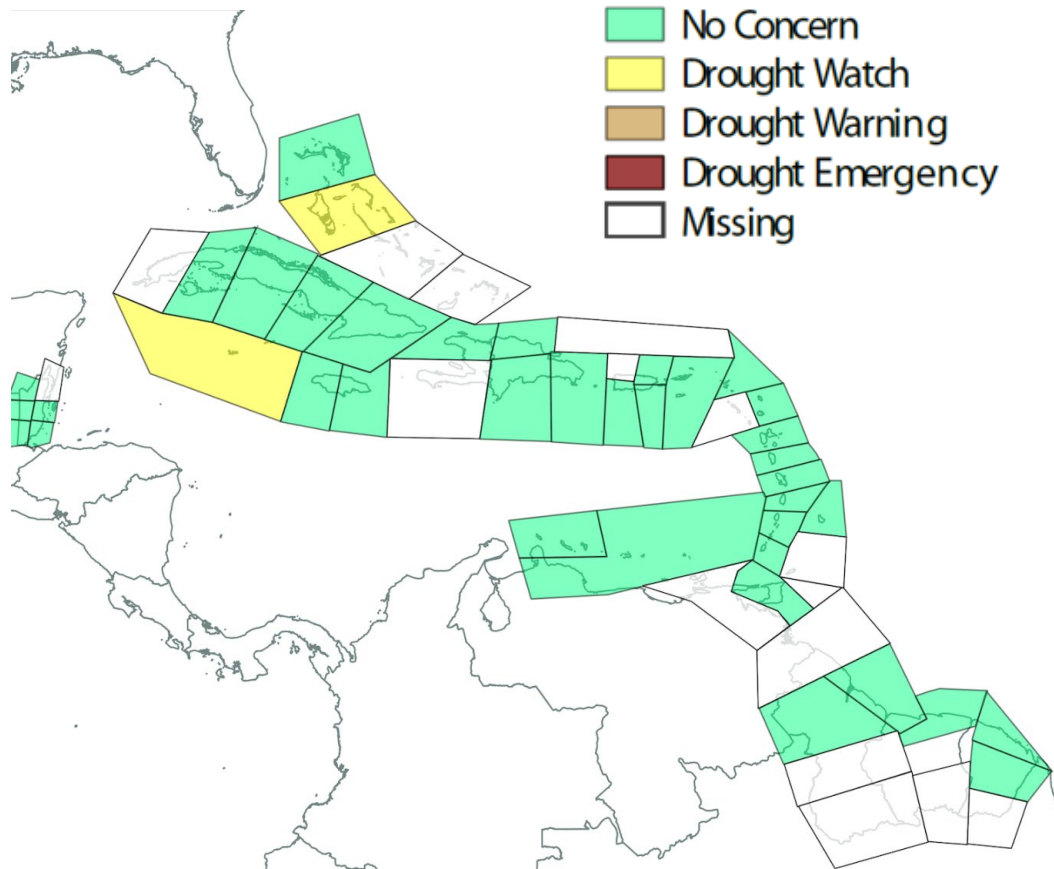
Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haïti, Jamaica, Martinique, Puerto Rico, St. Barts, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Martin, St. Vincent & the Grenadines, Suriname,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



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

Current update (July 2025):

- We are entering the summer portion of the Caribbean wet season.
- A **drought watch** should be considered for the Northwestern Bahamas and Grand Cayman.



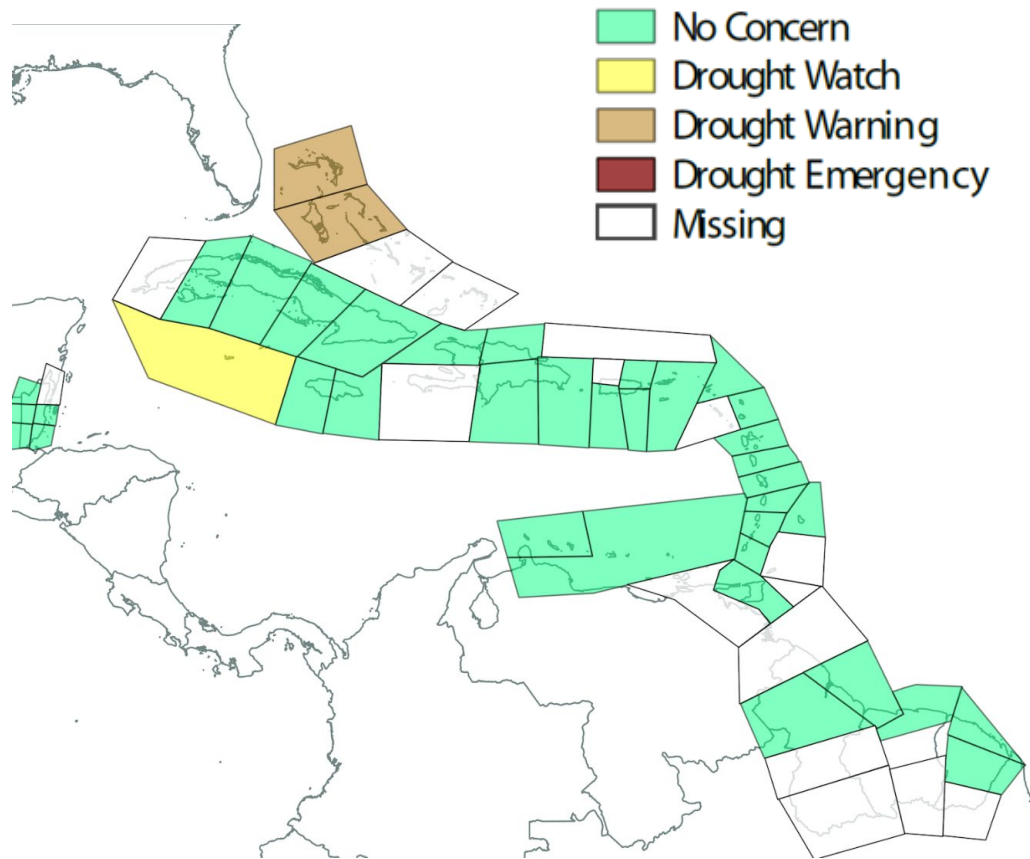
Previous update (June): short term drought alert levels at the end of September 2025

Short term drought alert levels at the end of October 2025

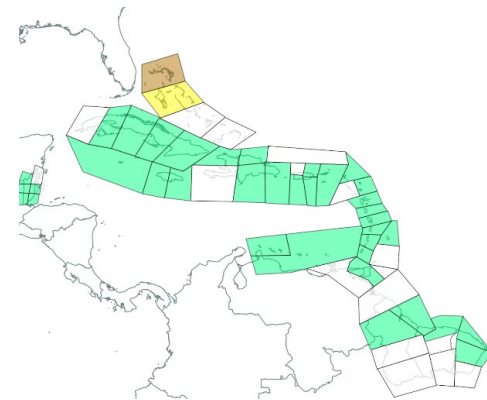
(updated July 2025 – based on a 6-month SPI for May to October 2025)

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.*

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



- This 12-month SPI-based drought outlook uses observations through June 2025, 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 the Northern and Northwestern Bahamas.
- A **drought watch** should be considered for Grand Cayman.



Long term drought alert levels at the end of November 2025

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

Previous update (June): long term
drought alert levels at the end of
November 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 May 2025): *(more information [here](#))*
 - Severe (or worse) short-term drought has developed in southwest Belize, the Northwestern Bahamas, and southern parts of Central Cuba.
 - Severe (or worse) long term drought has developed in southwest Belize, The Northwestern Bahamas, Central Cuba, the northern Dominican Republic, and south-central parts of Jamaica.
- Short-term drought situation (by the end of October 2025):
 - Short term drought might possibly develop in the Northwestern Bahamas and in Grand Cayman.
- Long-term drought situation (by the end of November 2025):
 - Long term drought is evolving in the Northern and Northwestern Bahamas.
 - Long term drought might possibly develop or continue in Grand Cayman.
 - 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 in the ensuing dry season.

** 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



**Regional climate data, information, tools,
experimental and operational products
are available at**

<https://rcc.cimh.edu.bb>

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