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

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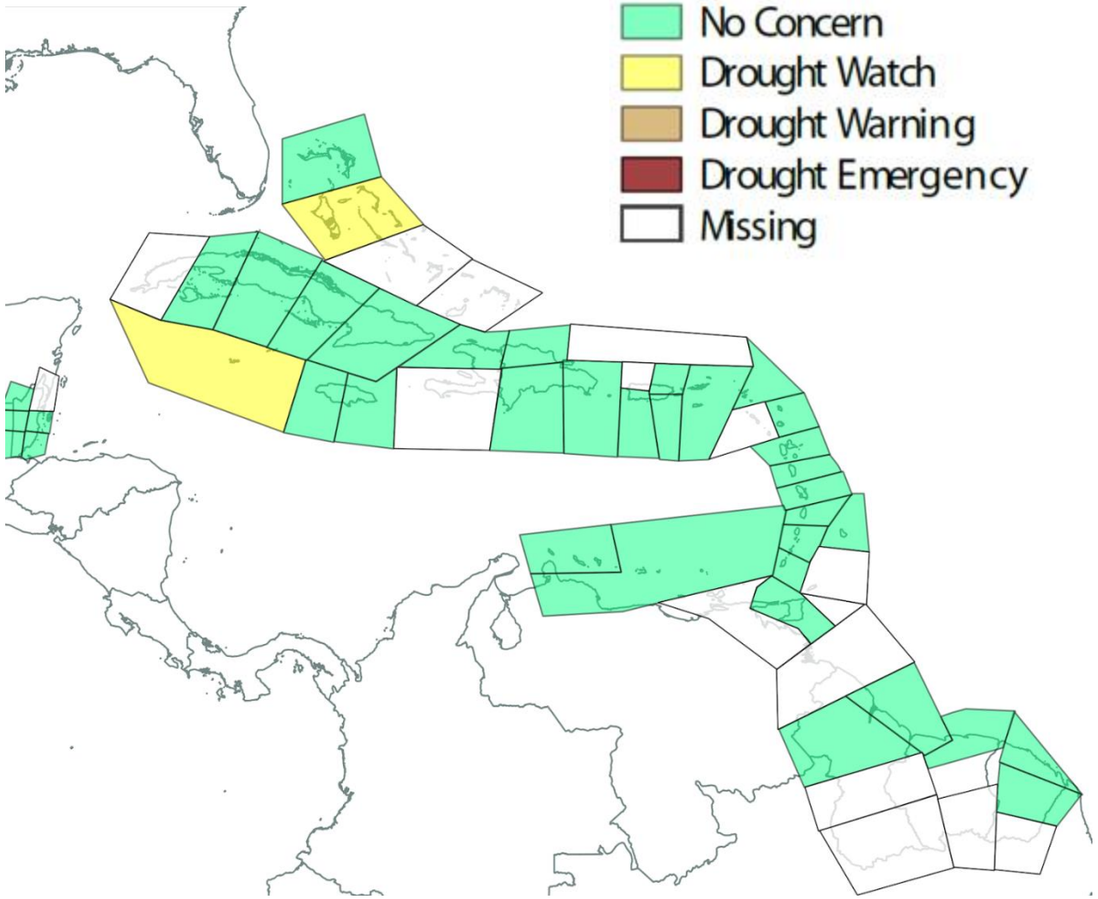
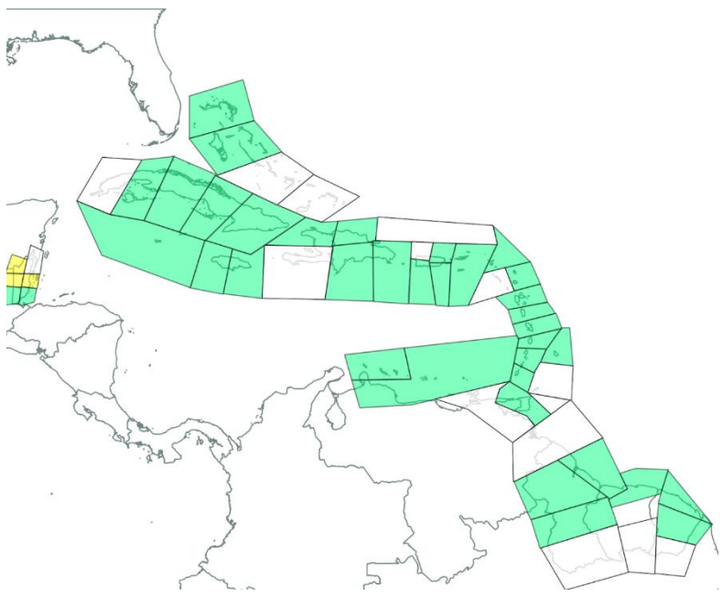
What is the predicted short term drought concern by the end of October 2025?



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.



Short term drought alert levels at the end of October 2025

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

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

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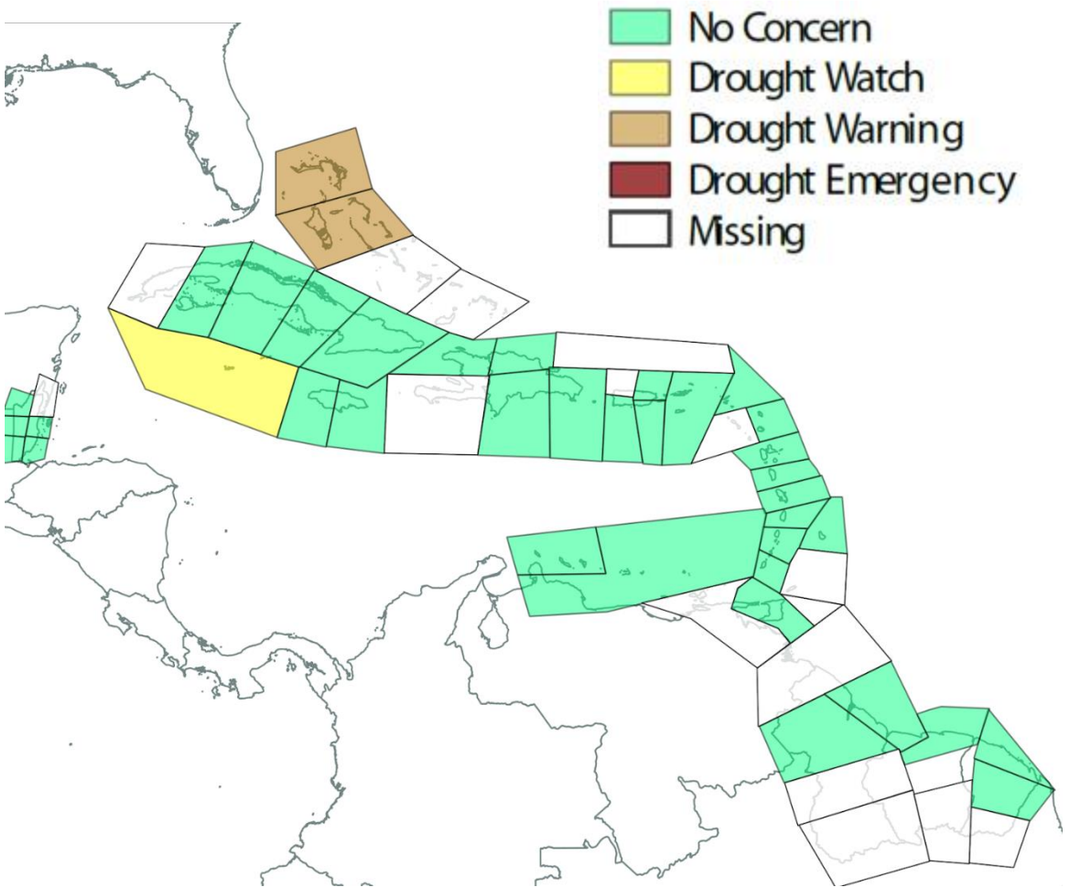
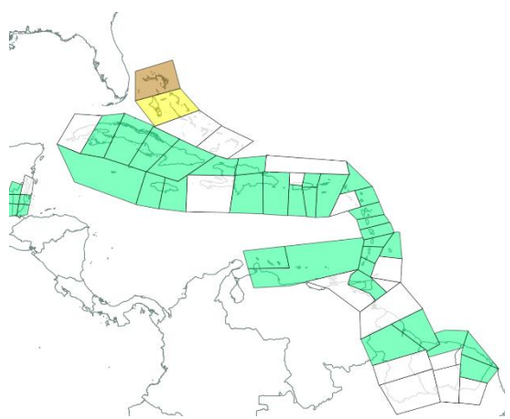
What is the predicted long term drought concern at the end of November 2025?



- 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.*

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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 September 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 !!

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ALERT LEVEL	MEANING	ACTION LEVEL
NO CONCERN	No drought concern	✓ **monitor resources** ✓ update and ratify management plans ✓ public awareness campaigns ✓ upgrade infrastructure
DROUGHT WATCH	Drought possible	✓ **keep updated** ✓ protect resources and conserve water ✓ implement management plans ✓ response training ✓ monitor and repair infrastructure
DROUGHT WARNING	Drought evolving	✓ **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	✓ **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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Regional climate data, information, tools, experimental and operational products are available at

https://rcc.cimh.edu.bb

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