

CariCOF Drought Outlook

By the end of September 2024

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Participating territories

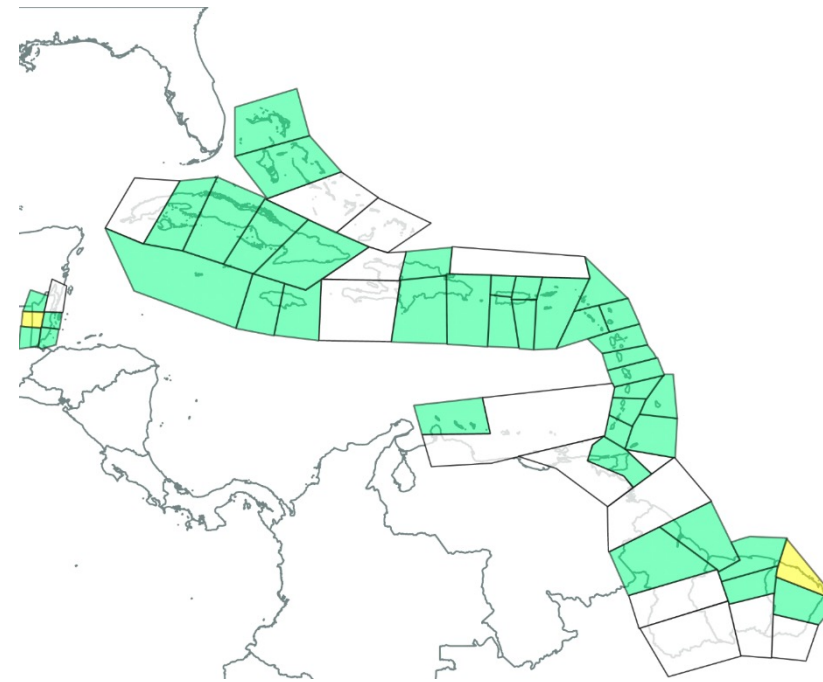
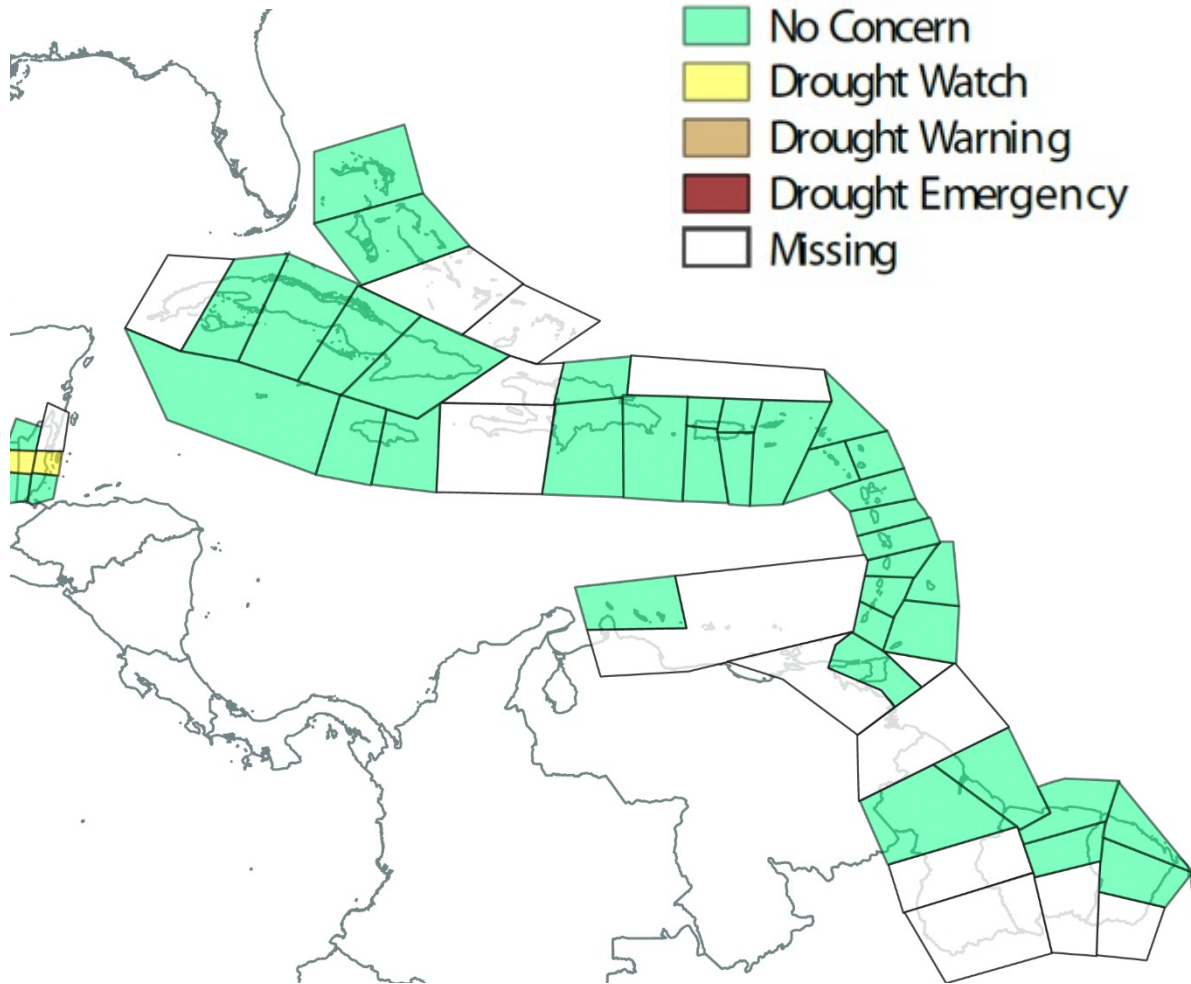
Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, Jamaica, Martinique, Puerto Rico, St. Barts, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Martin, St. Vincent & the Grenadines, Suriname,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



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

Current update (June 2024):

- We are entering the summer portion of the Caribbean wet season.
- A **drought watch** should be considered for central Belize.



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

Short term drought alert levels at the end of September 2024

(updated June 2024 – based on a 6-month SPI for April to September 2024)

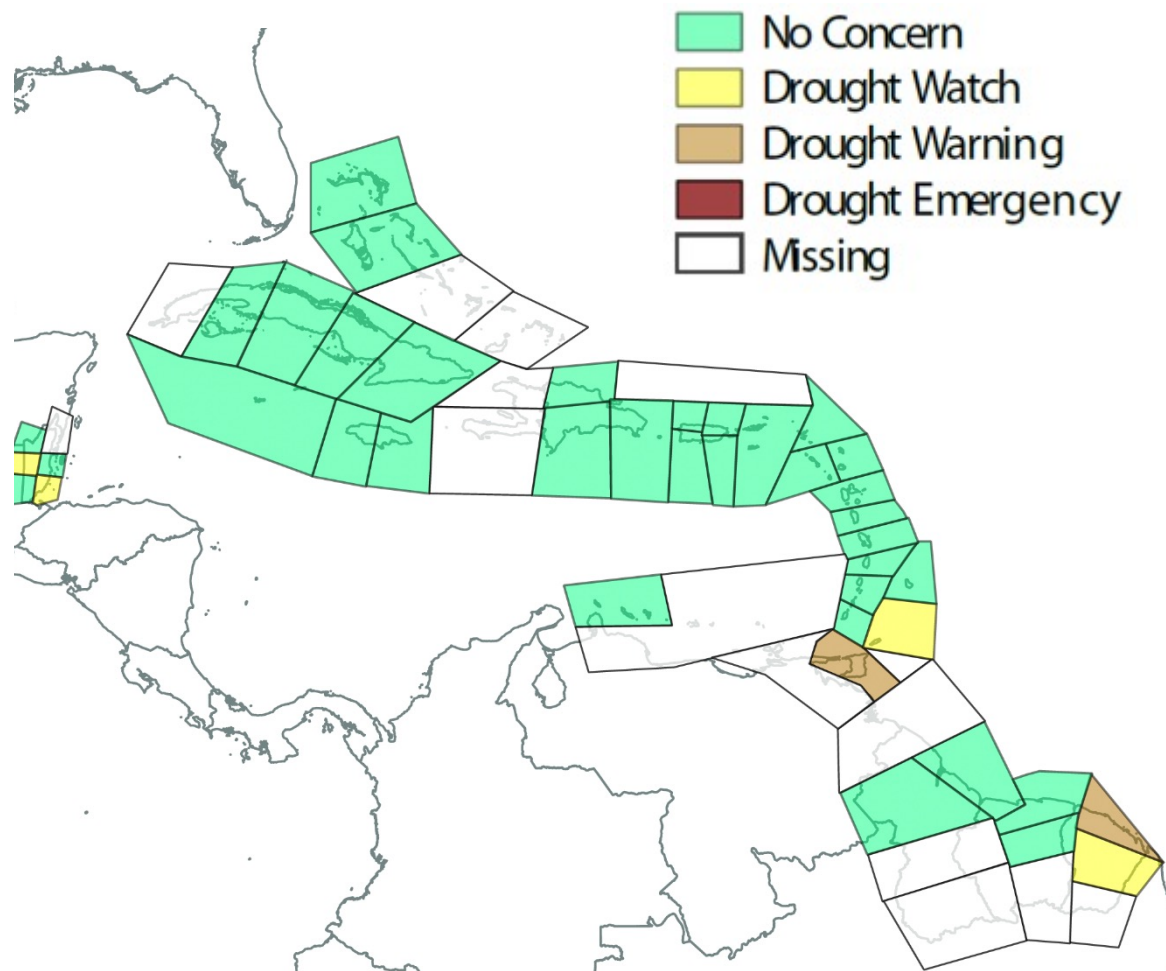
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For climate information specific to your country, please consult with your national meteorological service. *CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.*

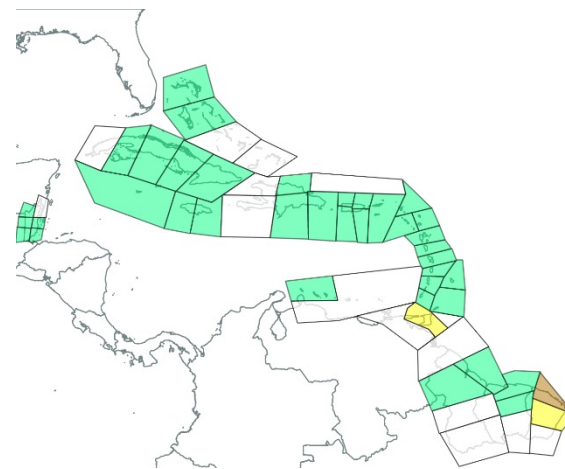


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CARIBBEAN CLIMATE OUTLOOK FORUM

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



- This 12-month SPI-based drought outlook uses observations through May 2024, 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 northern French Guiana and Trinidad.
- A **drought watch** should be considered for parts of Belize, central French Guiana, and Tobago.



Long term drought alert levels at the end of November 2024

(updated June 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 (May): 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 May 2024): *(more information [here](#))*
 - Severe (or worse) short-term drought has developed for Belize, northern Guyana, and the USVI
 - Severe (or worse) long term drought has developed in parts of Western Cuba, French Guiana, easternmost parts of Guadeloupe, northern Guyana, and Suriname.
- Short-term drought situation (by the end of September 2024):
 - Short term drought might possibly develop in central Belize.
- Long-term drought situation (by the end of November 2024):
 - Long term drought is evolving in northern French Guiana and Trinidad.
 - Long term drought might possibly develop or continue in parts of Belize, central French Guiana, 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 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



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