

CariCOF Drought Outlook

By the end of July 2024

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Participating territories

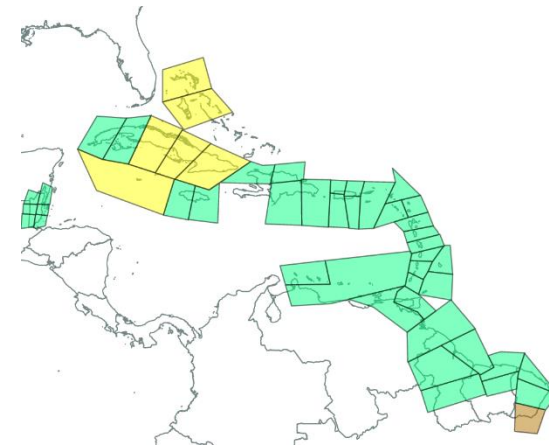
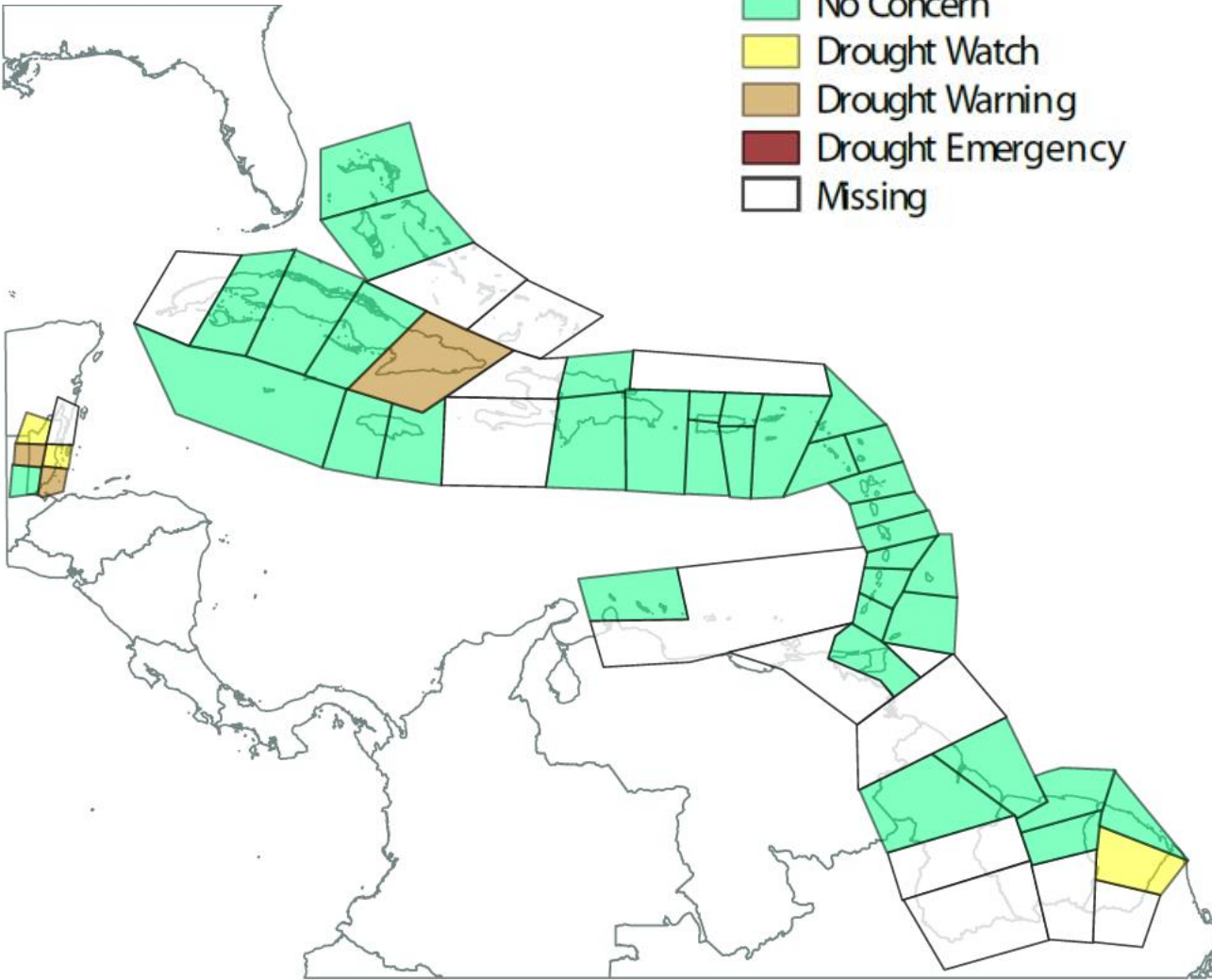
Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, Jamaica, Martinique, Puerto Rico, St. Barts, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Martin, St. Vincent & the Grenadines, Suriname,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



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

Current update (April 2024):

- The Caribbean is currently in its late dry season.
- A **drought warning** should be considered for western and southeast Belize, and for Eastern Cuba.
- A **drought watch** should be considered for eastern and northwest Belize, and central French Guiana.



Previous update (March): short term drought alert levels at the end of July 2024

Short term drought alert levels at the end of July 2024

(updated April 2024 – based on a 6-month SPI for February 2024 to July 2024)

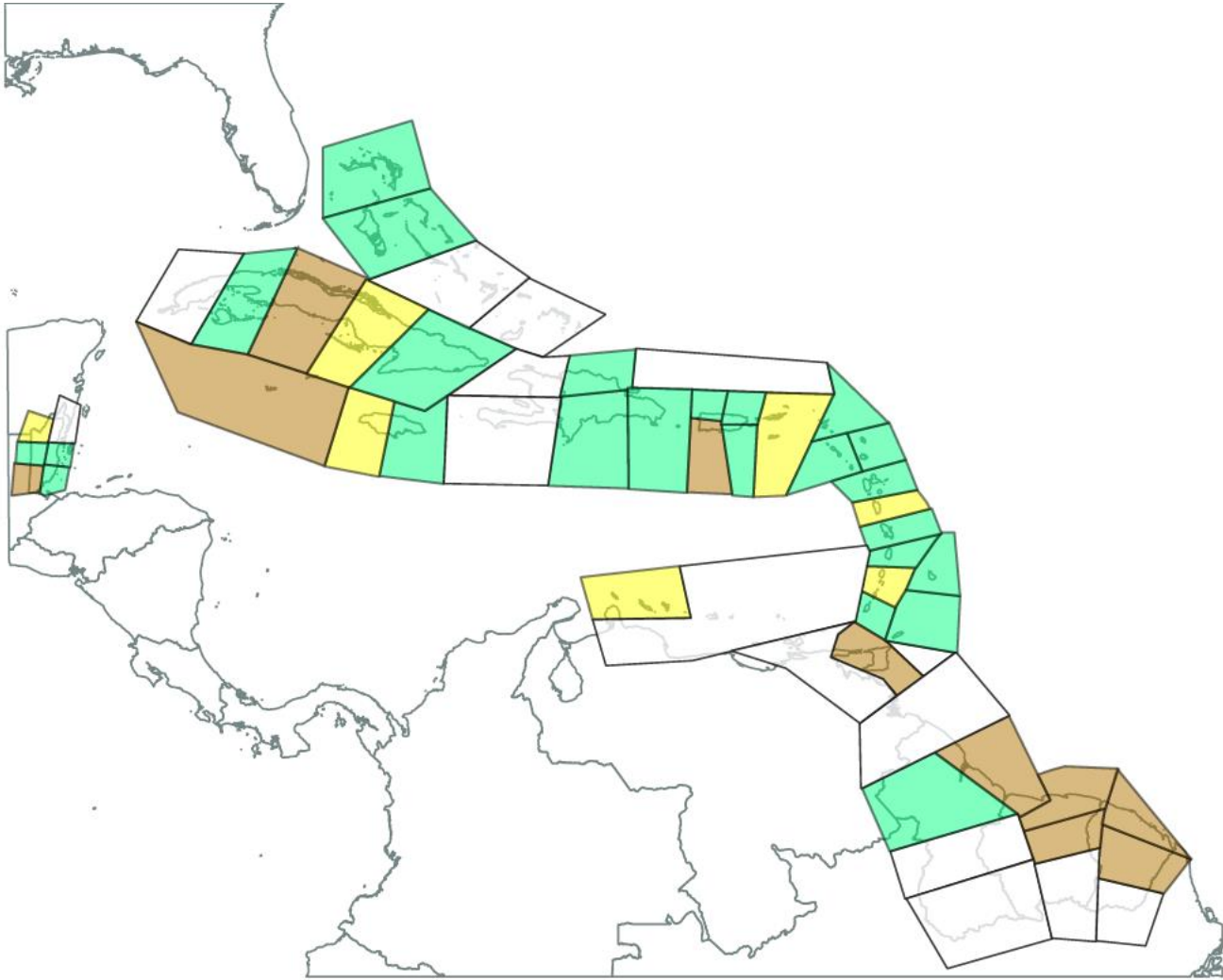
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For climate information specific to your country, please consult with your national meteorological service. *CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.*



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



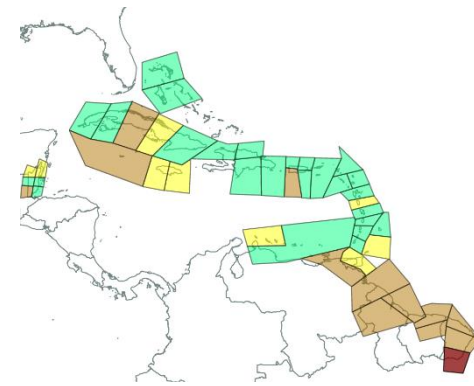
Long term drought alert levels at the end of May 2024

(updated April 2024 – based on a 12-month SPI for June 2023 to May 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.

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- This 12-month SPI-based drought outlook uses observations through March 2024, with potential impacts on large surface water reservoirs and groundwater. In general, impacts are expected if the 12-month SPI is ≤ -0.8 (*moderately dry or worse* – ref.: CDPMN).
- A **drought warning** should be considered for southwest Belize, Grand Cayman, Central Cuba, central and northern French Guiana, northern Guyana, southwest Puerto Rico, Suriname, and Trinidad.
- A **drought watch** should be considered for the ABC islands, northern Belize, Dominica, western Jamaica, Saint Vincent, and the USVI.



Previous update (March): long term drought alert levels at the end of May 2024



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Drought outlook – shorter-/longer-term concern?

- Current drought situation (up to the end of March 2024): *(more information [here](#))*
 - Moderate (or worse) short-term drought has developed in Aruba, central and southern Belize, Dominica, the Dominican Republic, French Guiana, northern Guyana, Haiti, Martinique, Suriname, Trinidad and Tobago, and the USVI.
 - Moderate (or worse) long-term drought has developed in Antigua, southern Belize, Cuba, Dominica, Guadeloupe, French Guiana, western Jamaica, southern Puerto Rico, St. Vincent, Suriname, Trinidad and Tobago.
- Short-term drought situation (by the end of July 2024):
 - Short-term drought is evolving in western and southeast Belize, and for Eastern Cuba.
 - Short-term drought might possibly develop or continue in eastern and northwest Belize, and central French Guiana.
- Long-term drought situation (by the end of May 2024):
 - Long-term drought is evolving in southwest Belize, Grand Cayman, Central Cuba, central and northern French Guiana, northern Guyana, southwest Puerto Rico, Suriname, and Trinidad.
 - Long-term drought might possibly develop or continue in ABC islands, northern Belize, Dominica, western Jamaica, Saint Vincent, and the USVI.

** 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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**Regional climate data, information, tools,
experimental and operational products
are available at
rcc.cimh.edu.bb**

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