

CariCOF Drought Outlook

By the end of April 2024

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Participating territories

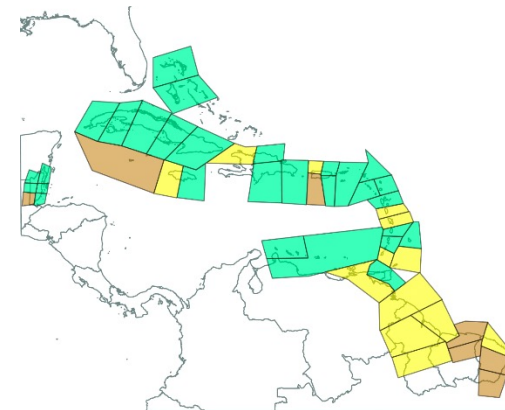
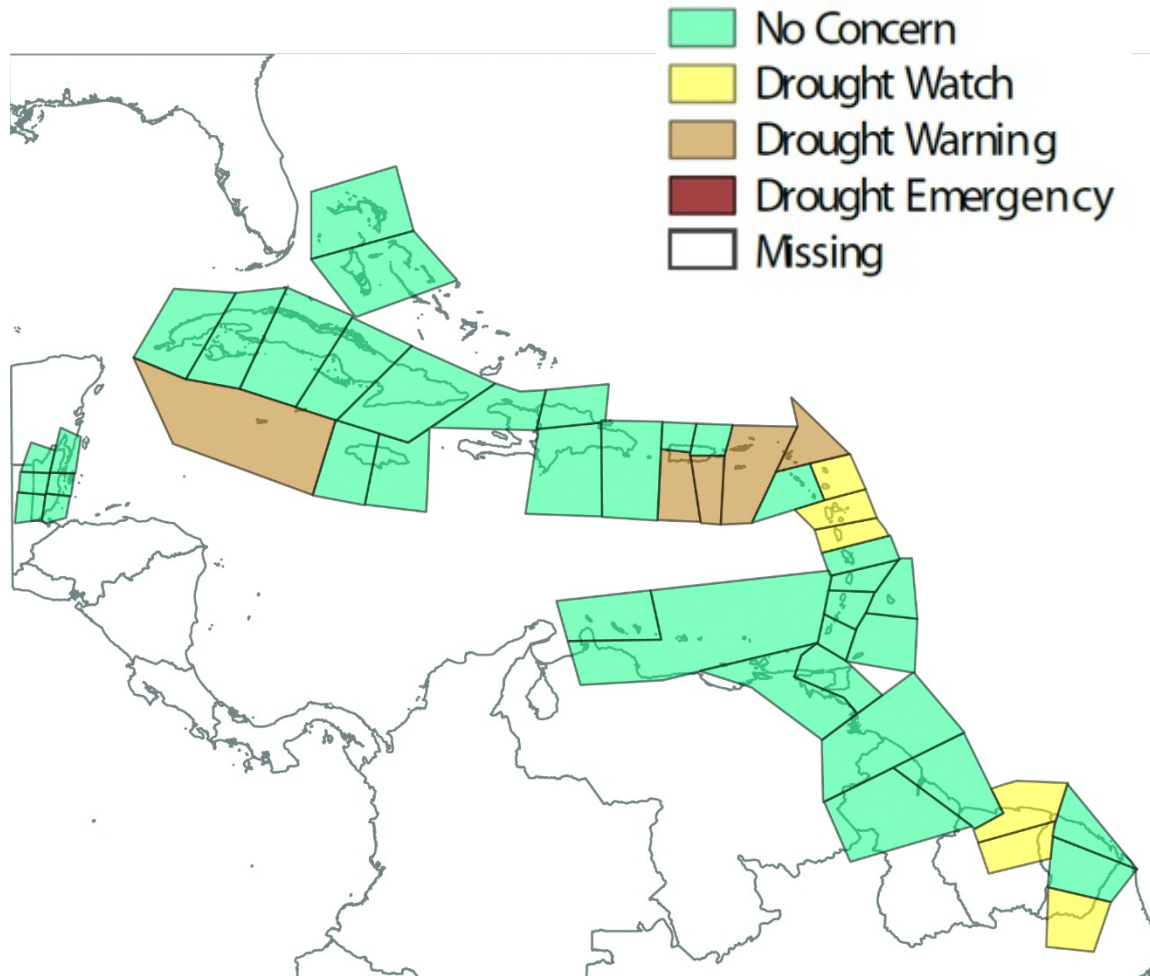
Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, Jamaica, Martinique, Puerto Rico, St. Barts, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Martin, St. Vincent & the Grenadines, Suriname,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



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

Current update (January 2024):

- The Caribbean is currently in its dry season.
- A **drought warning** should be considered for Grand Cayman, southern Puerto Rico, Sint Maarten/St-Martin, USVI.
- A **drought watch** should be considered for Antigua, Dominica, Guadeloupe, southern French Guiana, and northern Suriname.



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

Short term drought alert levels at the end of April 2024

(updated **January 2024** – based on a 6-month SPI for November 2023
to April 2024)

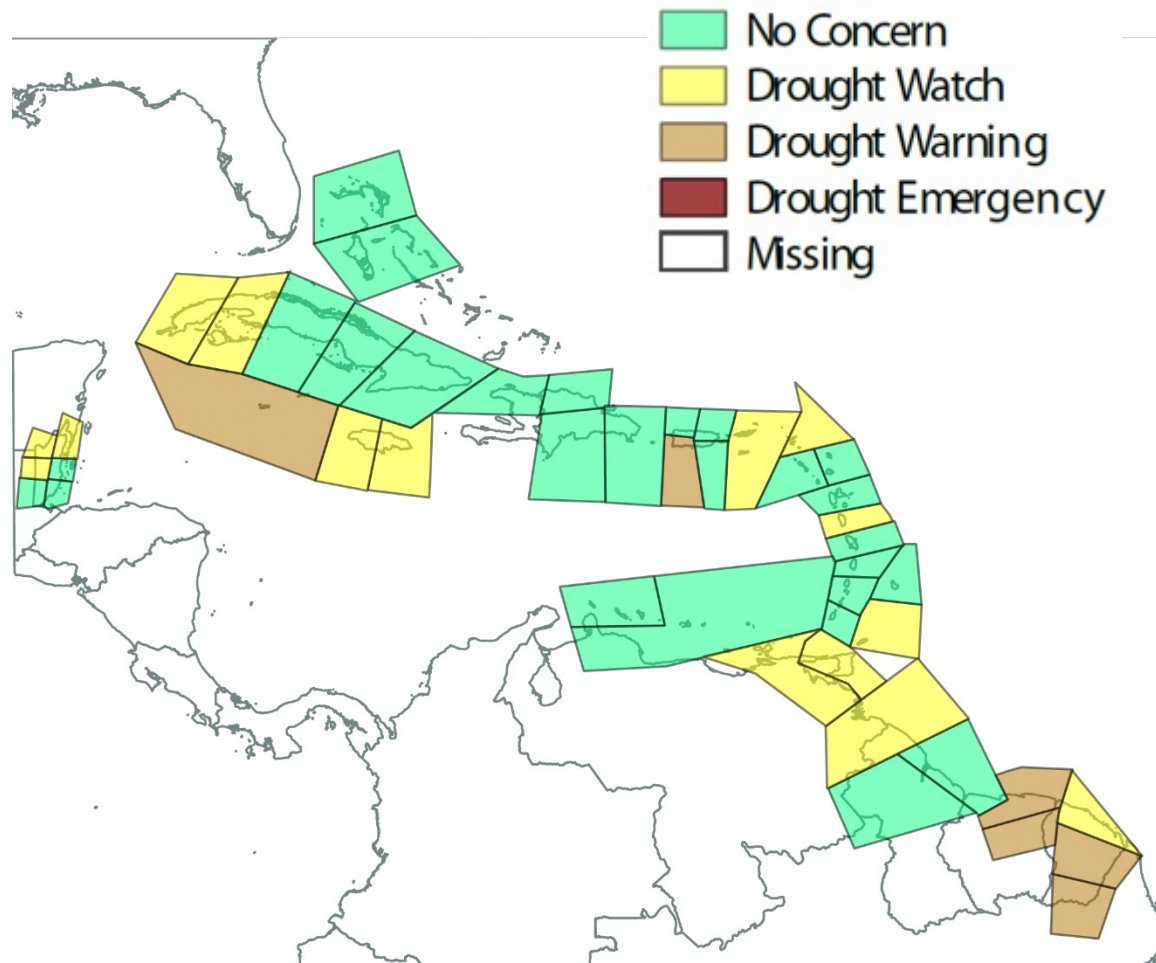
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For climate information specific to your country, please consult with your national meteorological service. *CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.*



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



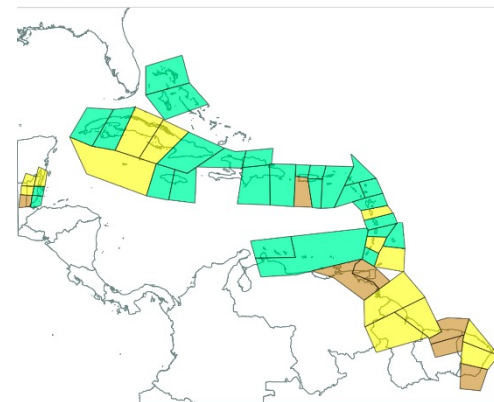
Long term drought alert levels at the end of May 2024

(updated January 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 December 2023, 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 Grand Cayman, central and southern French Guiana, southwest Puerto Rico, and northern Suriname.
- A **drought watch** should be considered for northwestern parts of Belize, Western Cuba, Dominica, northern Guyana, Jamaica, Sint Maarten/St-Martin, Trinidad and Tobago, and the USVI.



Previous update (December):
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 November 2023): *(more information [here](#))*
 - Moderate (or worse) short-term drought has developed in eastern Cuba, French Guiana, Grenada, Guyana, Martinique, Puerto Rico, St. Vincent, Sint Maarten/St-Martin, western Suriname, and Trinidad and Tobago.
 - Moderate (or worse) long-term drought has developed in Antigua, Cuba, Dominica, Guadeloupe, northern Guyana, southern Puerto Rico, and St. Kitts.
 - Short-term drought situation (by the end of April 2024):
 - Short-term drought is evolving in Grand Cayman, southern Puerto Rico, Sint Maarten/St-Martin, USVI.
 - Short-term drought might possibly develop or continue in Antigua, Dominica, Guadeloupe southern French Guiana, and northern Suriname.
 - Long-term drought situation (by the end of May 2024):
 - Long-term drought is evolving in Grand Cayman, central and southern French Guiana, southwest Puerto Rico, and northern Suriname.
 - Long-term drought might possibly develop or continue in northwestern parts of Belize, Western Cuba, Dominica, northern Guyana, Jamaica, Sint Maarten/St-Martin, Trinidad and Tobago, 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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