

CariCOF Drought Outlook

By the end of April 2026

Coordination: Caribbean Institute for Meteorology & Hydrology

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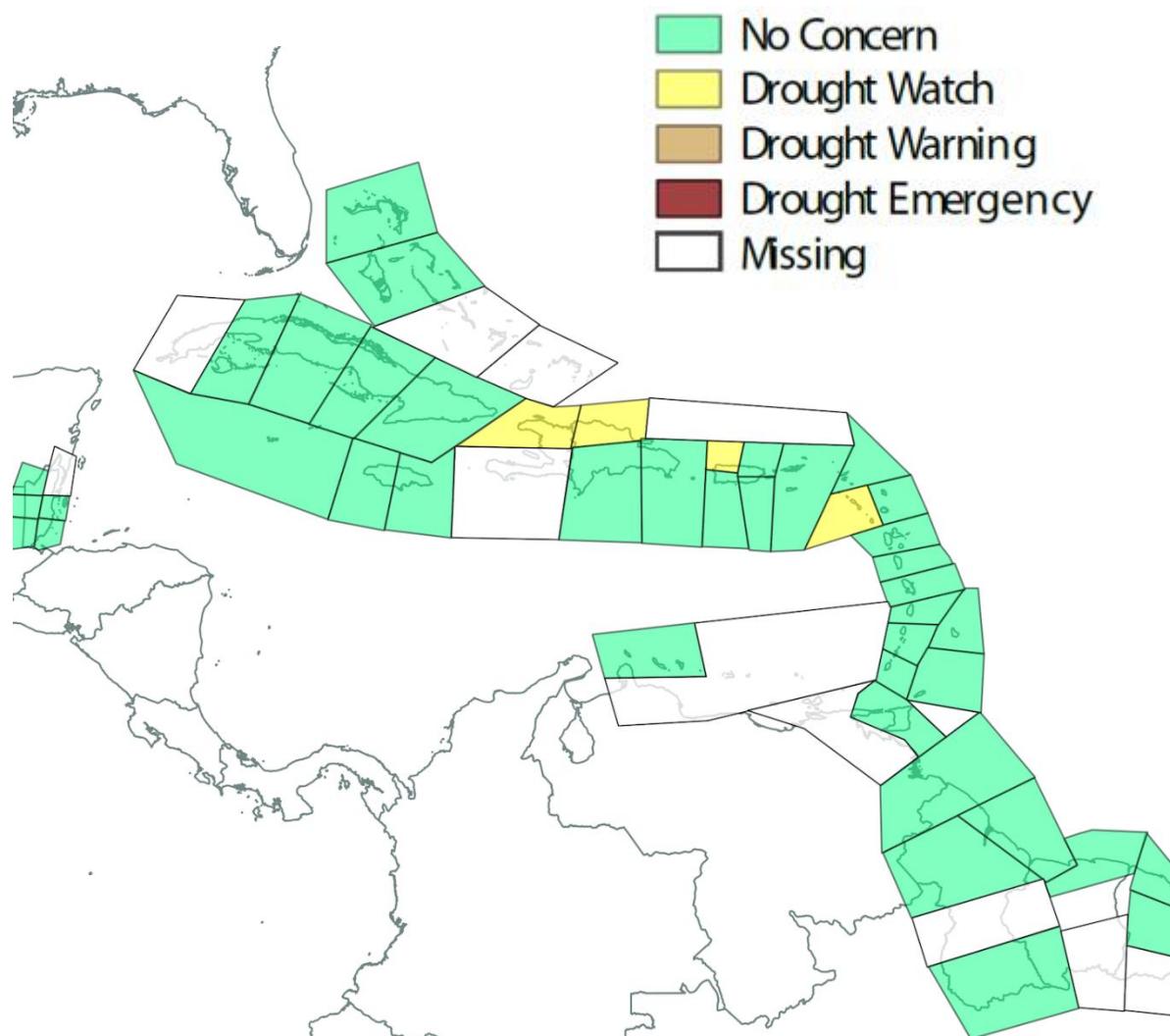
Participating territories

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 agricultural drought concern by the end of February 2026?

Current update (January 2025):



Agricultural drought alert levels at the end of February 2026

(updated January 2026 – based on a 3-month SPI for December to February 2025-26)

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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.

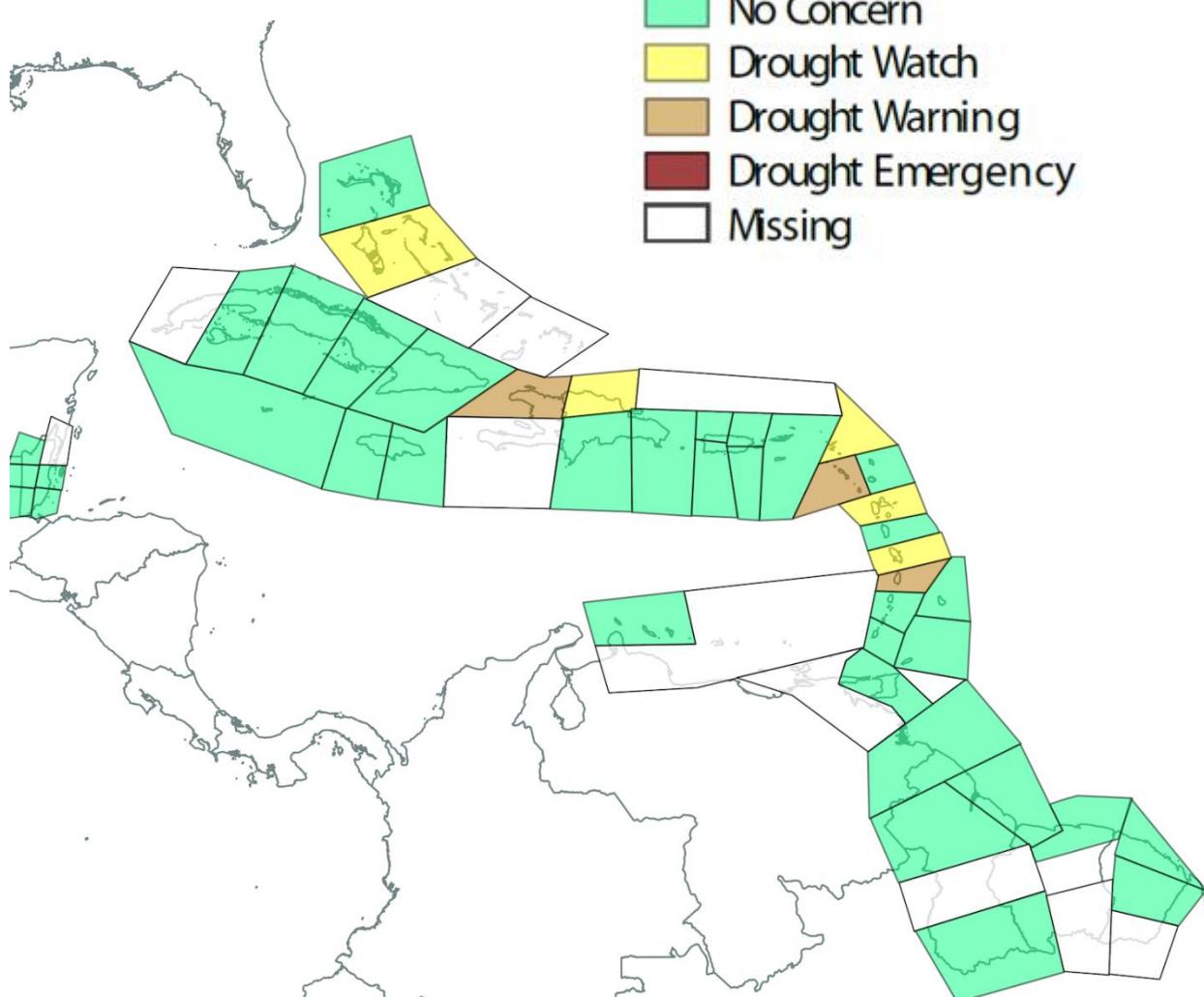


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What is the predicted short term drought concern by the end of April 2026?

Current update (January 2026):

- We are in the Caribbean Dry Season.
- A **drought warning** should be considered for northern Haiti, St. Kitts and Nevis and Saint Lucia.
- A **drought watch** should be considered for the northwest Bahamas, northern Dominican Republic, Guadeloupe, Martinique and the islands of Saint Martin and St. Barts.



Short term drought alert levels at the end of April 2026

(updated January 2026 – based on a 6-month SPI for November 2025 to April 2026)

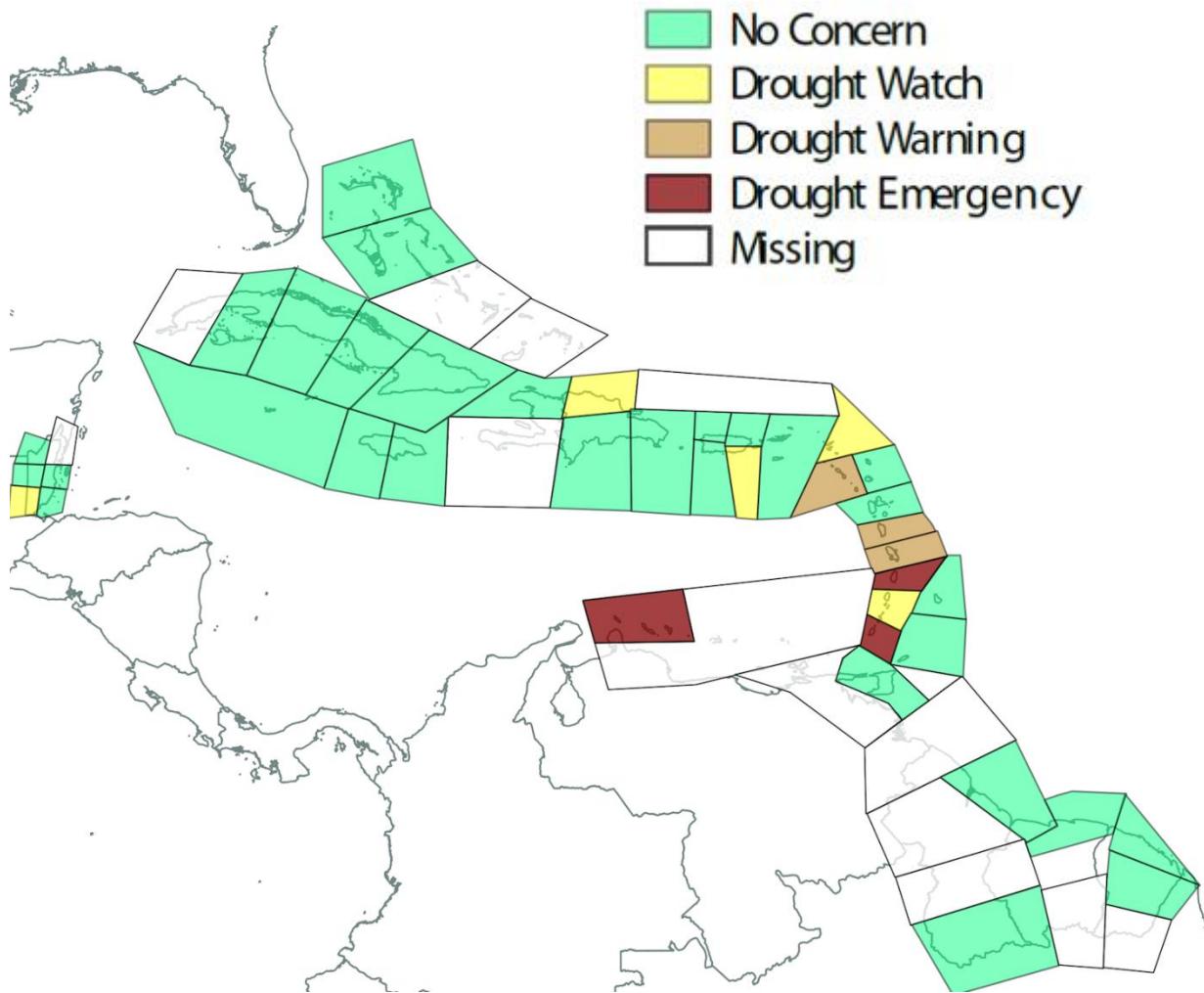
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What is the predicted long term drought concern at the end of May 2026?



- This 12-month SPI-based drought outlook uses observations through December 2025, 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 emergency** should be considered for the ABC islands, Grenada and Saint Lucia.
- A **drought warning** should be considered for Dominica, Martinique and St. Kitts and Nevis.
- A **drought watch** should be considered for southwest Belize, northern Dominican Republic, southeast Puerto Rico, islands of Saint Martin and St. Barts, St. Vincent.

Long term drought alert levels at the end of May 2026

(updated January 2026 – based on a 12-month SPI for June 2025 to May 2026)

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Drought outlook – shorter-/longer-term concern?

- Current drought situation (up to the end of December 2025): (*more information [here](#)*)
 - Moderate (or worse) short-term drought has developed in Aruba, Grenada, Guadeloupe, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and Trinidad and Tobago.
 - Moderate (or worse) long-term drought has developed in Aruba, Cayman Is., Cuba, Grenada, Jamaica, southwest Belize, Martinique, Saint Lucia and Saint Vincent
- Agricultural drought situation (by the end of February 2026):
 - Agricultural drought *might possibly develop or continue* in northern Hispaniola, northwest Puerto Rico and St. Kitts and Nevis.
- Short-term drought situation (by the end of April 2026):
 - Short-term drought is evolving in northern Haiti, St. Kitts and Nevis and Saint Lucia
 - Short-term drought *might possibly develop or continue* the northwest Bahamas, northern Dominican Republic, Guadeloupe, Martinique and islands of Saint Martin and St. Barts.
- Long-term drought situation (by the end of May 2026):
 - Long-term drought is *imminent* in the ABC islands, Grenada and Saint Lucia and is *evolving* in Dominica, Martinique and St. Kitts and Nevis.
 - Long-term drought might possibly develop or continue in southwest Belize, northern Dominican Republic, southeast Puerto Rico, the islands of Saint Martin and St. Barts, St. Vincent.

* 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**

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

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