

CariCOF Drought Outlook

By the end of February 2026

*Coordination: Caribbean Institute for Meteorology & Hydrology
Dr. Cédric J. Van Meerbeeck - Climatologist
Dr. Teddy Allen – Assistant Climatologist
caricof@cimh.edu.bb*

Participating territories

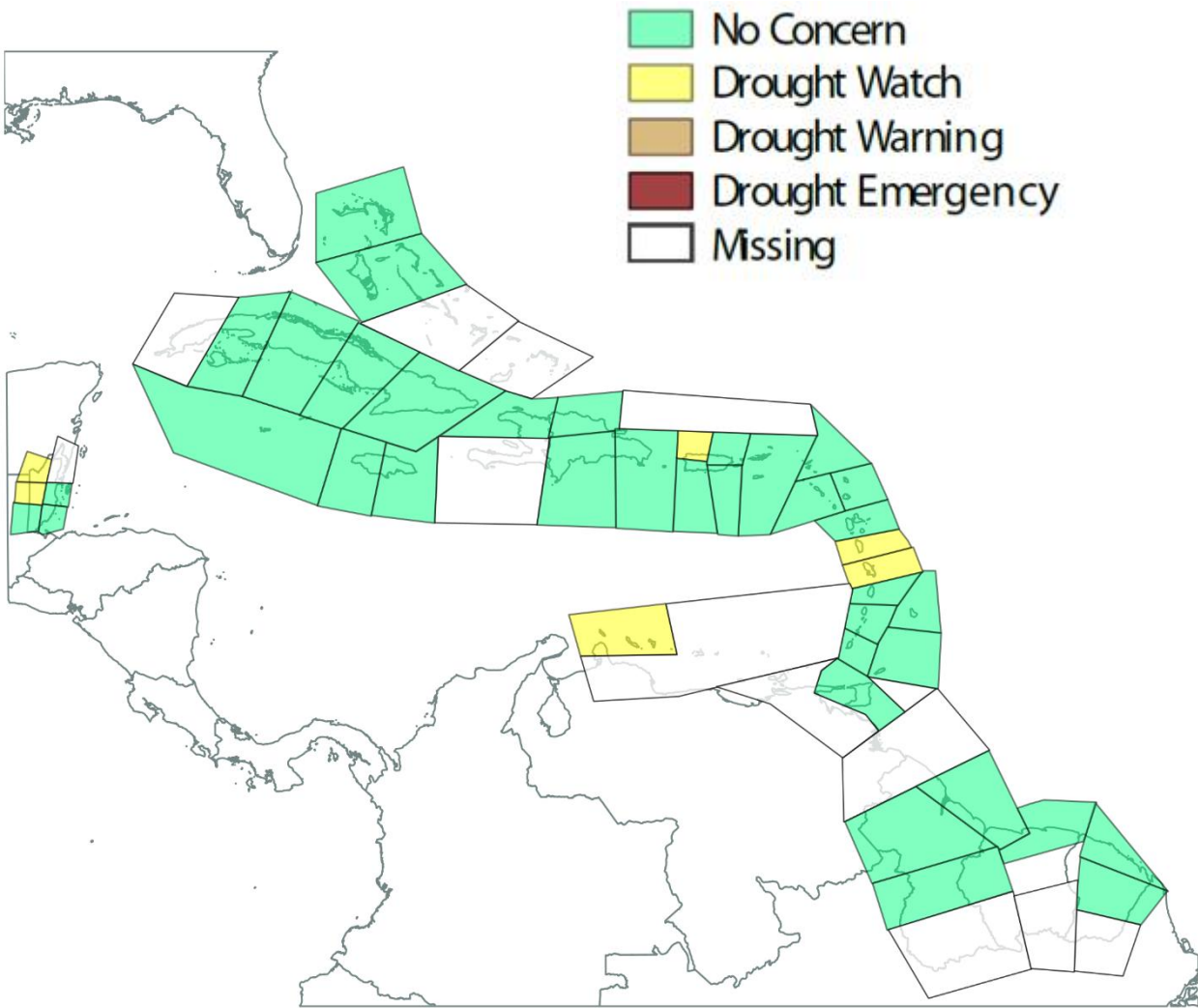
Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haïti, Jamaica, Martinique, Puerto Rico, St. Barts, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Martin, St. Vincent & the Grenadines, Suriname,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



What is the predicted agricultural drought concern by the end of December 2025?

Current update (November 2025):

- A **drought watch** should be considered for the ABC Islands, western Belize, Dominica, Martinique, and northwest Puerto Rico.



Agricultural drought alert levels at the end of December 2025

(updated **November 2025** – based on a 3-month SPI for October to December 2025)

caricof@cimh.edu.bb

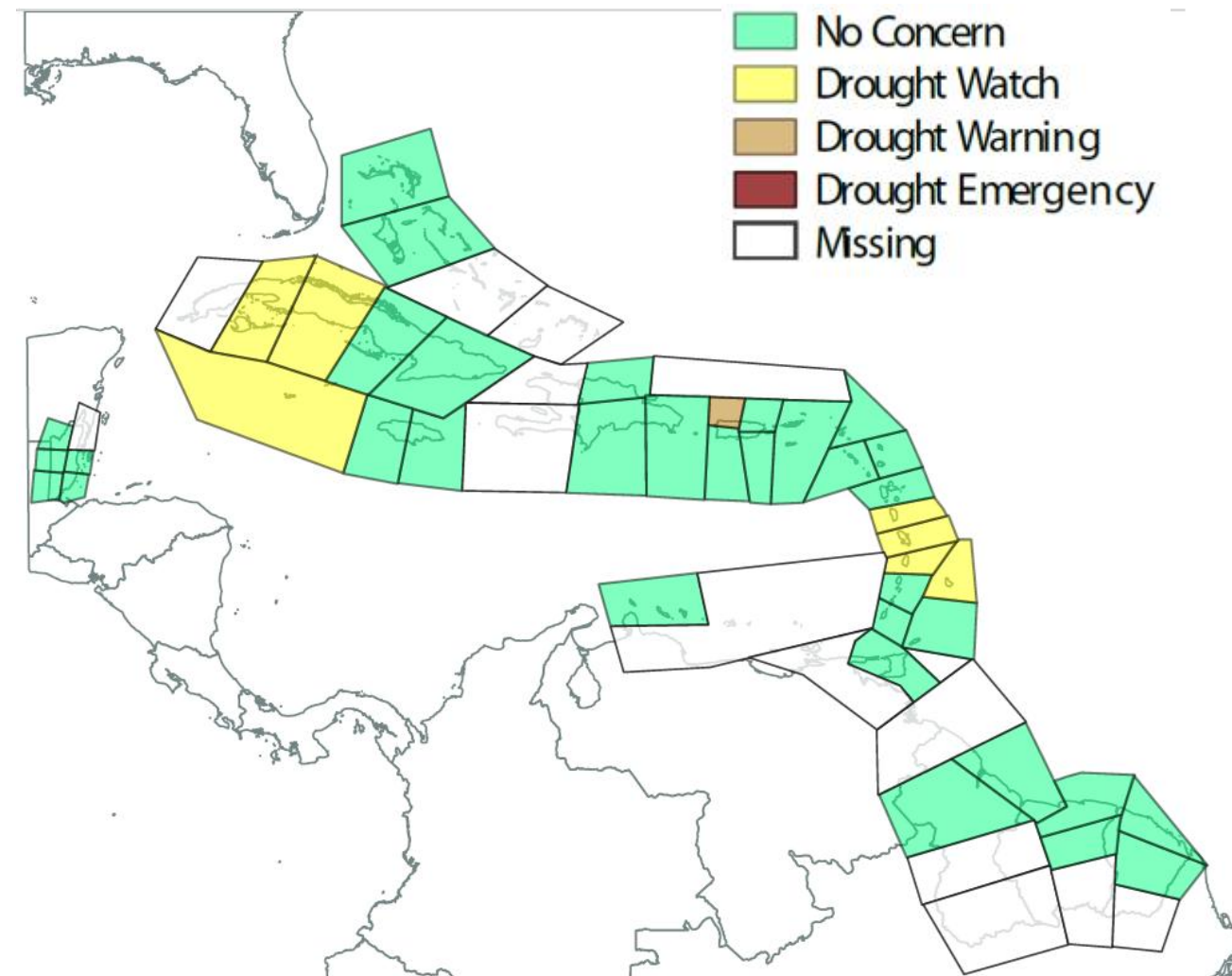
For climate information specific to your country, please consult with your national meteorological service. *CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.*



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

Current update (November 2025):

- We are entering the Caribbean Dry Season.
- A **drought warning** should be considered for northwest Puerto Rico.
- A **drought watch** should be considered for the ABC Islands, Dominica, Martinique, Saint Lucia, and Tobago.



Short term drought alert levels at the end of February 2026

(updated **November 2025** – based on a 6-month SPI for
September 2025 to February 2026)

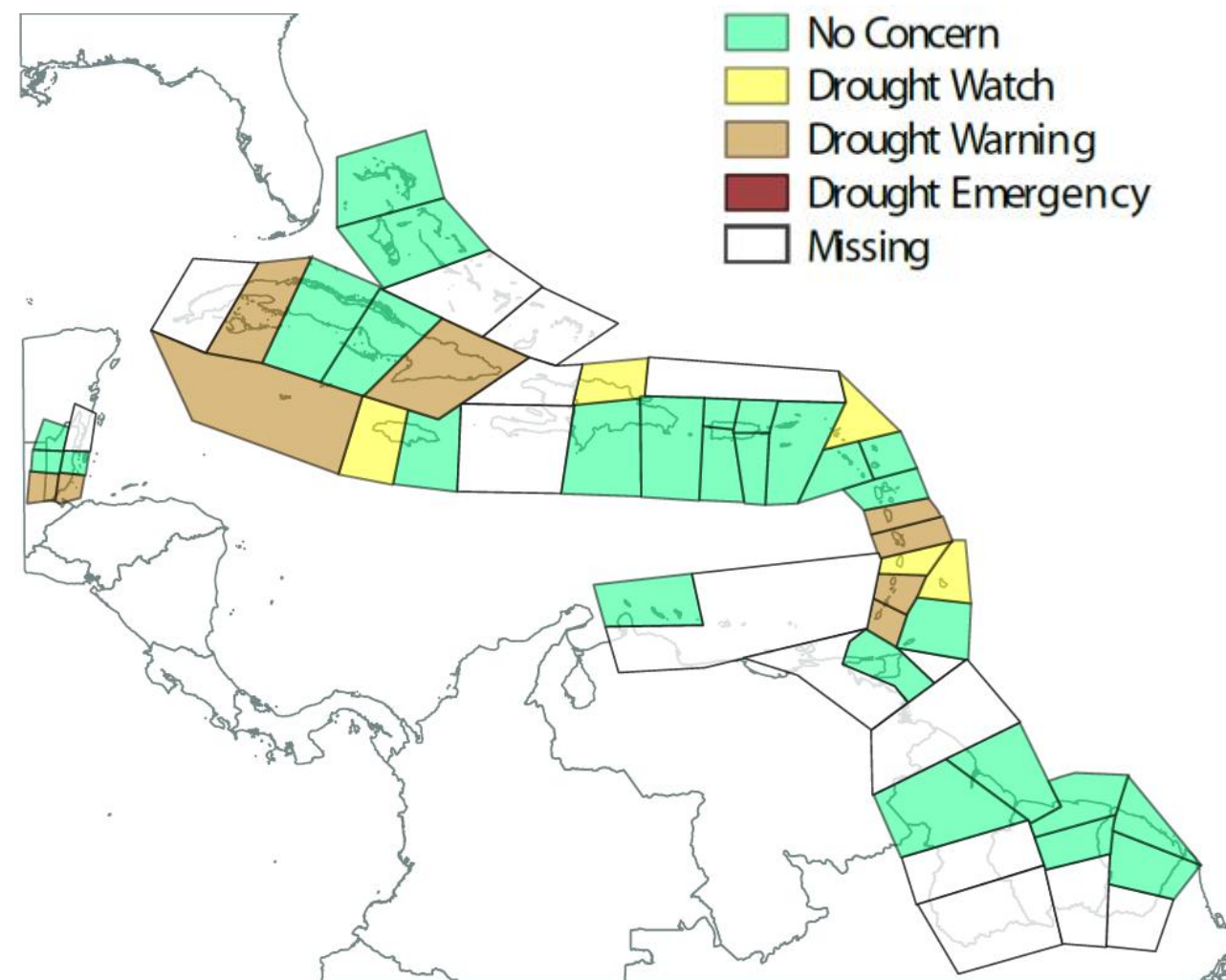
caricof@cimh.edu.bb

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.



CARICOF
CARIBBEAN CLIMATE OUTLOOK FORUM

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



- This 12-month SPI-based drought outlook uses observations through October 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 Grenada.
- A **drought warning** should be considered for southwest Belize, Grand Cayman, Dominica, Martinique, and Saint Lucia.
- A **drought watch** should be considered for the ABC islands, southeast Belize, and St. Vincent.

Long term drought alert levels at the end of May 2026

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

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.

Drought outlook – shorter-/longer-term concern?

- Current drought situation (up to the end of October 2025): *(more information [here](#))*
 - Moderate (or worse) short-term drought has developed in Aruba, Barbados, far northern Belize, Dominica, Grenada, northern Guyana Martinique, Saint Lucia, and St. Vincent.
 - Moderate (or worse) long-term drought has developed in Aruba, Barbados, southwest Belize, Cuba, Grenada, Guyana, Jamaica, Martinique and St. Vincent.
- Agricultural drought situation (by the end of December 2025):
 - Agricultural drought might possibly develop or continue in ABC Islands, western Belize, Dominica, Martinique, and northwest Puerto Rico.
- Short-term drought situation (by the end of February 2026):
 - Short-term drought is evolving in northwest Puerto Rico.
 - Short-term drought might possibly develop or continue in ABC Islands, Dominica, Martinique, Saint Lucia, and Tobago.
- Long-term drought situation (by the end of May 2026):
 - Long-term drought is evolving in southwest Belize, Grand Cayman, Dominica, Grenada, Martinique, and Saint Lucia.
 - Long-term drought might possibly develop or continue in ABC islands, southeast Belize, and 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





**Regional climate data, information, tools,
experimental and operational products
are available at**

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

Coordination: Caribbean Institute for Meteorology & Hydrology
Contact: caricof@cimh.edu.bb

Author(s): Dr. Teddy Allen – *Asst. Climatologist*
(cmeerbeeck@cimh.edu.bb)

The prototype for this product was developed in 2022 with the generous support of (1) the American People through the USAID funded SDCR Programme, (2) the European Union through the Intra-ACP GCCA+ Programme, and (3) the Climate Risk and Early Warning Systems (CREWS) Initiative.

Development Team: Dr. Cedric J. VAN MEERBEECK¹, Ms. Janice REID*, Dr. Simon MASON²

¹Caribbean Institute for Meteorology and Hydrology (CIMH), Barbados, *former CREWS intern at CIMH

²International Research Institute for Climate and Society (IRI), USA

