

CariCOF Drought Outlook

By the end of May 2022

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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. Barth's, St. Kitts & Nevis, St. Lucia, St. Maarten/St-Martin, St. Vincent & the Grenadines, Suriname, Trinidad & Tobago and the US Virgin Islands

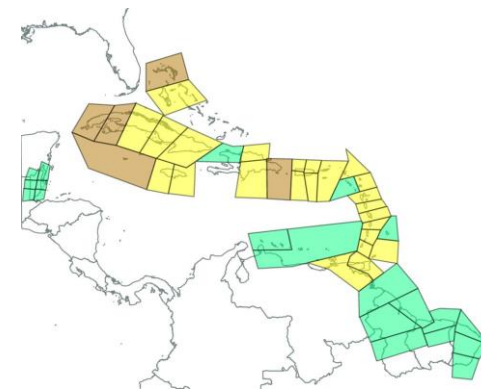
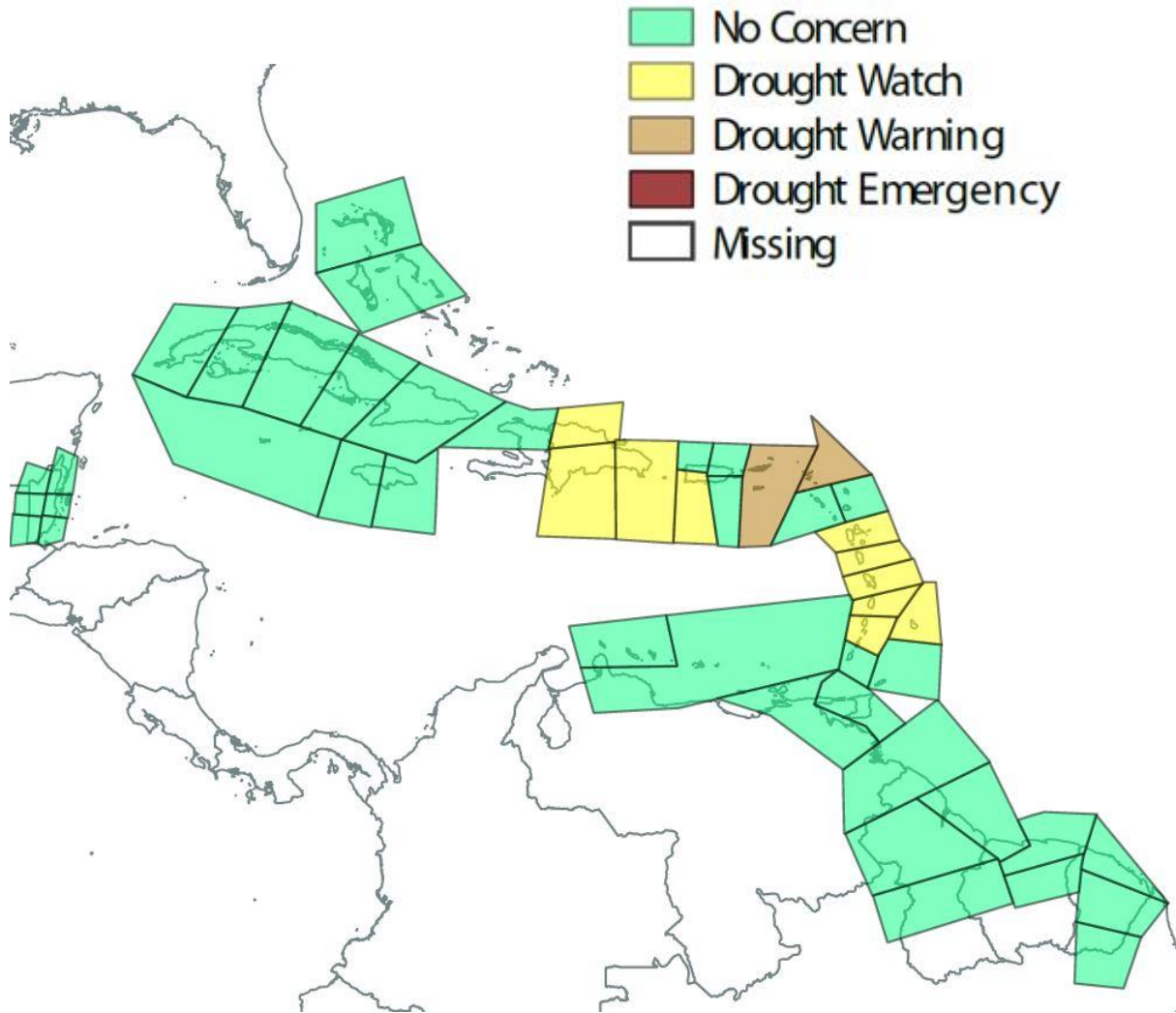


What is the predicted short term drought concern by the end of May 2022?

Current update (February 2022):

We are currently entering the dry season. Currently, no major shorter term drought concern is developing throughout the region.

- A **drought warning** should be considered for The Virgin Islands and Sint Martin.
- A **drought watch** should be considered for Barbados, Dominica, The Dominican Republic, Guadeloupe, Martinique, southwest Puerto Rico, Saint Lucia, and Saint Vincent.



Previous short term drought alert levels by the end of April 2022

Short term drought alert levels by the end of May 2022

(updated February 2022 – covering December 2021 to May 2022)

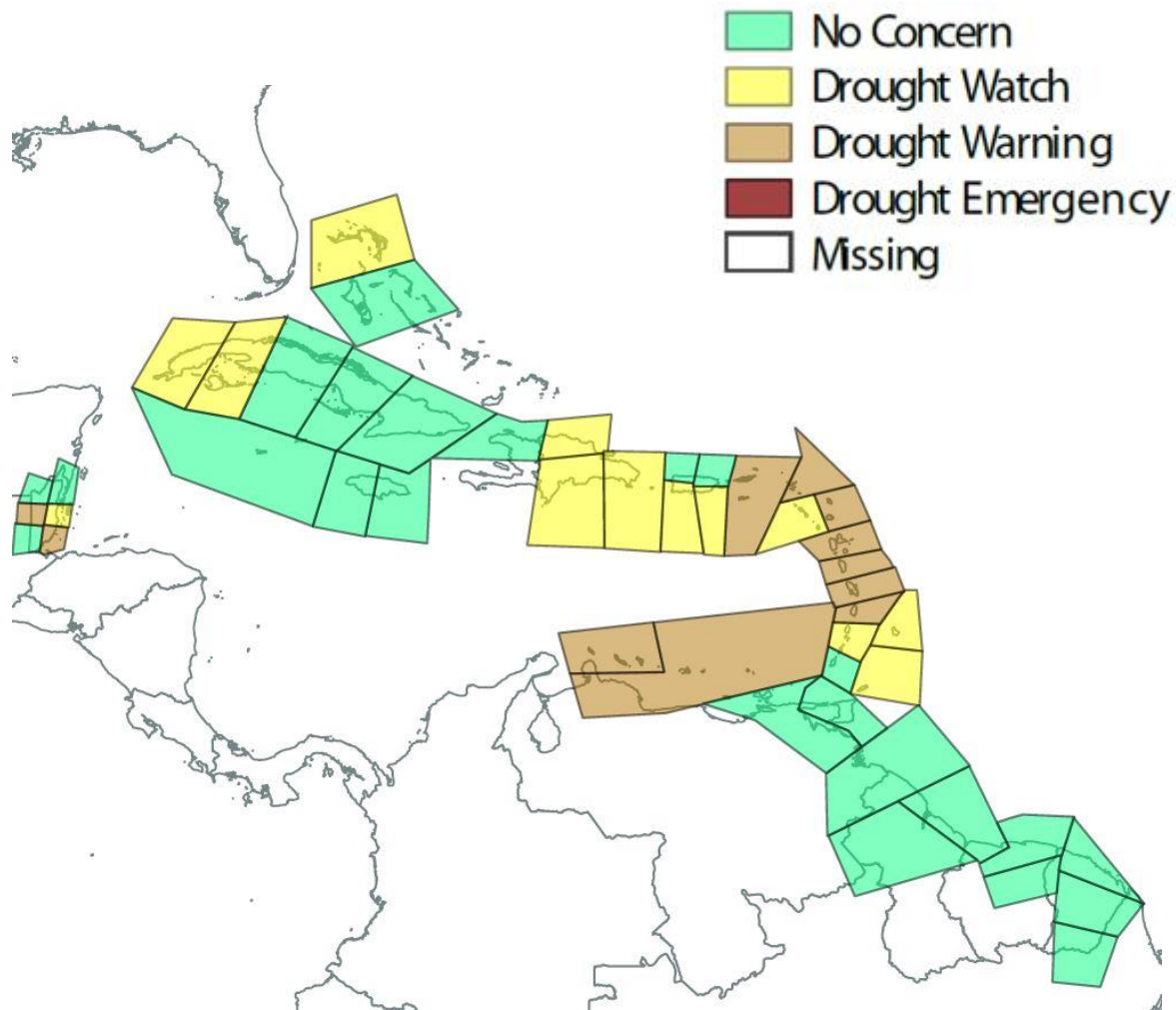
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For climate information specific to your country, please consult with your national meteorological service. *CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.*



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CARIBBEAN CLIMATE OUTLOOK FORUM

What is the predicted long term drought concern by the end of May 2022?



- This 12-month SPI-based drought outlook uses observations through January 2021, 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 the ABC Islands, Antigua, parts of Belize, Dominica, Guadeloupe, Martinique, Sint-Martin, Saint Lucia, The Virgin Islands.
- A **drought watch** should be considered for the northern Bahamas, Barbados, western Cuba, The Dominican Republic, southern Puerto Rico, Saint Kitts, Trinidad, and Saint Vincent.

Long term drought alert levels by the end of May 2022

(updated February 2022 – covering June 2021 to May 2022)

Drought outlook – shorter-/longer-term concern?

- Current drought situation (up to the end of January 2022): (*more information [here](#)*)
 - Moderate (or worse) shorter term drought has developed in western Cuba and across all areas east of and including The Dominican Republic, excluding the Guianas.
 - Moderate (or worse) long term drought has developed in Belize, western Cuba, along the southern coastline of the Dominican Republic, and along the Lesser Antilles excluding Trinidad and Tobago.
- Shorter term drought situation (by the end of May 2022):
 - Short term drought is evolving in The Virgin Islands and Sint Martin.
 - Short term drought might possibly develop or continue in Barbados, Dominica, The Dominican Republic, Guadeloupe, Martinique, southwest Puerto Rico, Saint Lucia, and Saint Vincent.
- Long term drought situation (by the end of May 2022):
 - Long term drought is evolving in the ABC Islands, Antigua, parts of Belize, Dominica, Guadeloupe, Martinique, Sint-Martin, Saint Lucia, The Virgin Islands.
 - Long term drought might possibly develop in the northern Bahamas, Barbados, western Cuba, The Dominican Republic, southern Puerto Rico, Saint Kitts, Trinidad, and Saint Vincent.
 - Areas ending up in long term drought by the end of May may experience significantly reduced water levels in large reservoirs, large rivers and groundwater during the 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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