

CariCOF Drought Outlook

By the end of July 2020

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



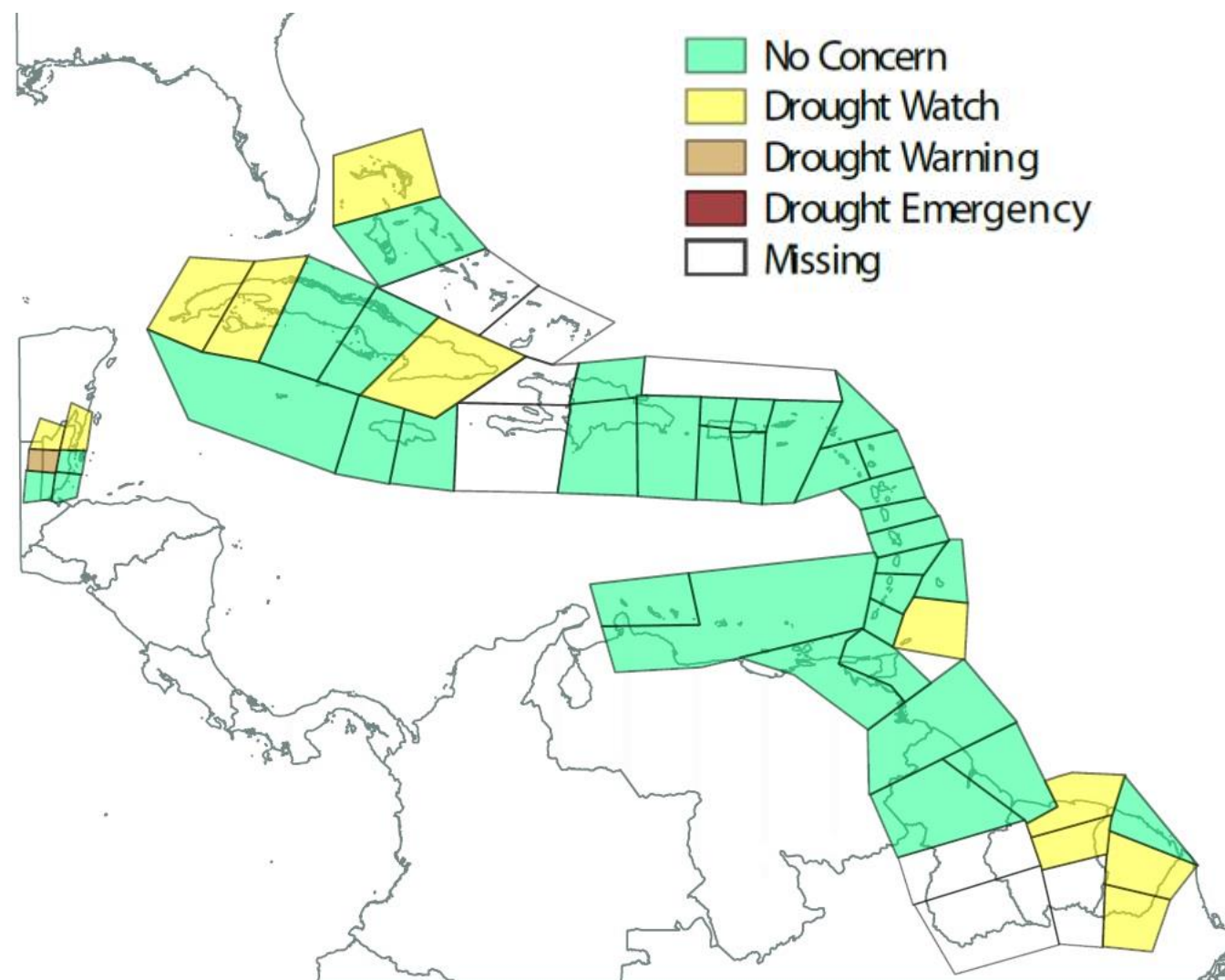
What is the predicted short term drought concern by the end of July 2020?

Current update (April 2020):

We are currently entering the core of the dry season. This time around, there is little drought concern throughout much of the region.

A **drought warning** should be considered for the west-central Belize.

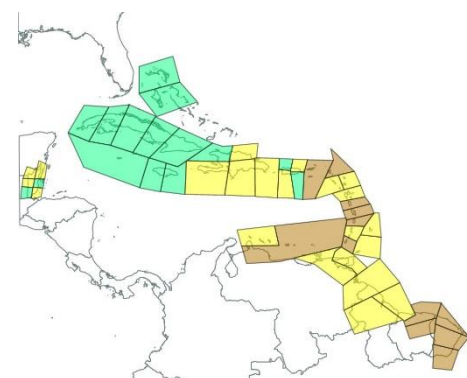
A **drought watch** should be considered for northernmost Bahamas, northern Belize, Western and Eastern Cuba, inland French Guiana, Suriname, and Tobago.



Suggested alert levels for short term drought at the end of July 2020

(updated April 2020 – covering February 2020 to July 2020)

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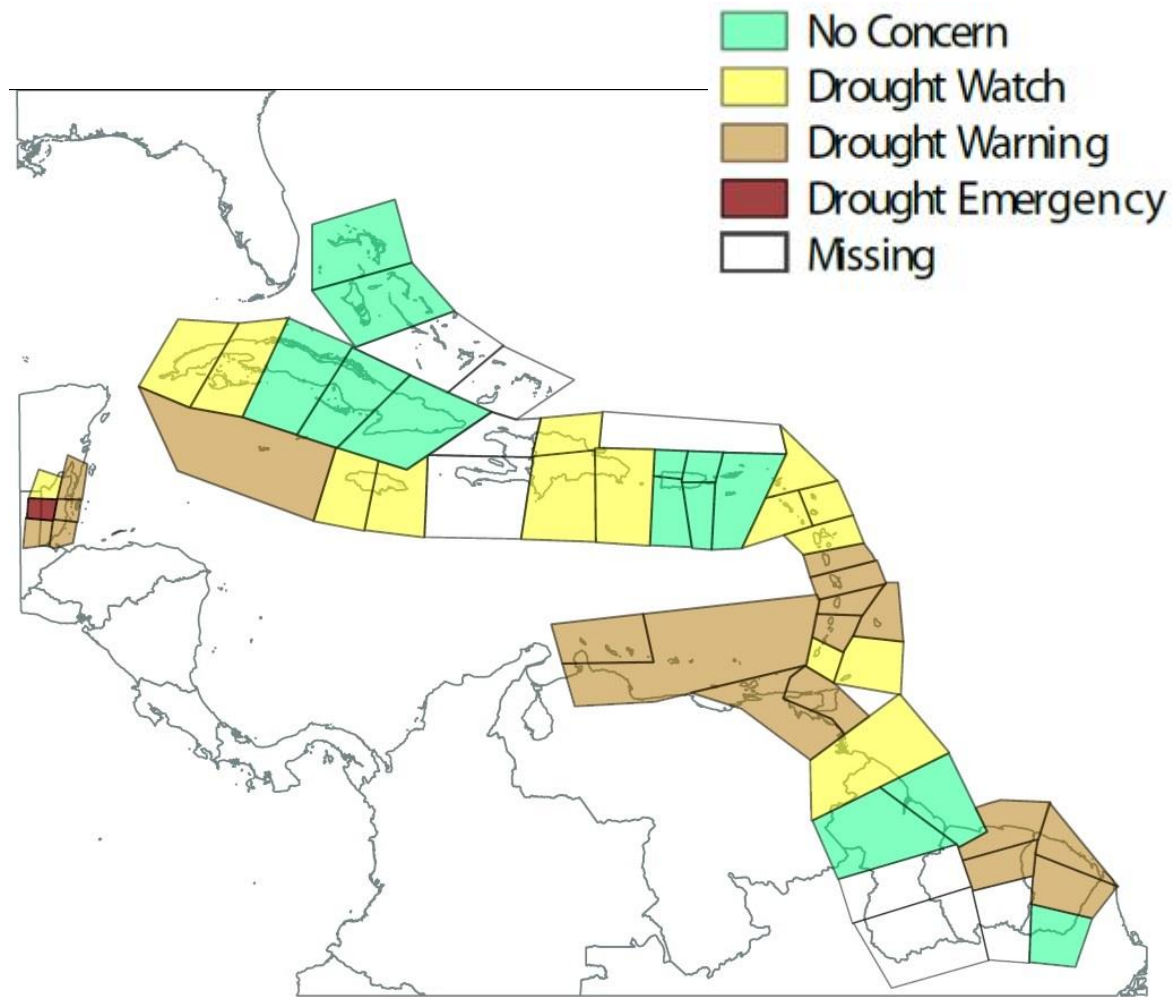
Previous short term drought alert levels by the end of June 2020

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 by the end of May 2020?

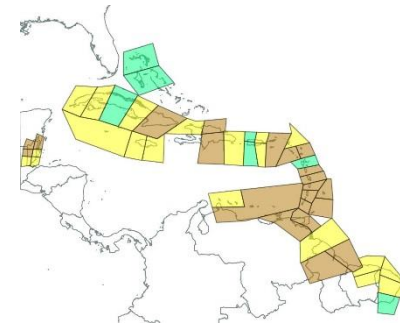


- This 12-month SPI-based drought outlook uses observations through March 2019, with potential impacts on large surface water reservoirs and groundwater. In general, impacts are expected if the 12-month SPI is ≤ -0.8 (*moderately dry or worse* – ref.: CDPMN).
- A **drought emergency** should be considered for west-central Belize.
- A **drought warning** should be considered for the ABC Islands, Barbados, most of Belize, Grand Cayman, French Guiana, Suriname, Trinidad and the Windward Islands (except Grenada).
- A **drought watch** should be considered for NW Belize, Western Cuba, Dominican Republic, Grenada, northernmost Guyana, Jamaica, the Leeward Islands and Tobago.

Suggested alert levels for long term drought at the end of May 2020

(updated April 2020 – covering June 2019 to May 2020)

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 (at the end of March 2020): *(more information [here](#))*
 - Moderate (or worse) shorter term drought has developed across the Bahamas, Cayman Islands, much of Cuba, most of the Guianas, westernmost Jamaica, Martinique, Saint Lucia, St. Vincent and the Grenadines, and southwestern Trinidad.
 - Moderate (or worse) long term drought has developed in the northernmost and southeastern Bahamas, Barbados, Belize, Cayman Islands, western Cuba, central Dom. Rep., parts of French Guiana, Martinique, western Puerto Rico, Saint Lucia, St. Vincent and the Grenadines, Trinidad, and the USVI.
 - Shorter term drought situation (by the end of July 2020):
 - **Shorter term drought is evolving** in west-central Belize.
 - Shorter term drought might possibly develop or continue in northernmost Bahamas, northern Belize, Western and Eastern Cuba, inland French Guiana, Suriname, and Tobago.
 - Long term drought situation (by the end of May 2020):
 - **Long term drought is of immediate concern** in west-central Belize and is **evolving** in the ABC Islands, Barbados, most of Belize, Grand Cayman, French Guiana, Suriname, Trinidad and the Windward Islands (except Grenada).
 - Long term drought might possibly develop or continue in NW Belize, Western Cuba, Dominican Republic, Grenada, northernmost Guyana, Jamaica, the Leeward Islands and Tobago.
 - 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**.
- * 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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