

CariCOF Drought Outlook

By the end of April 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



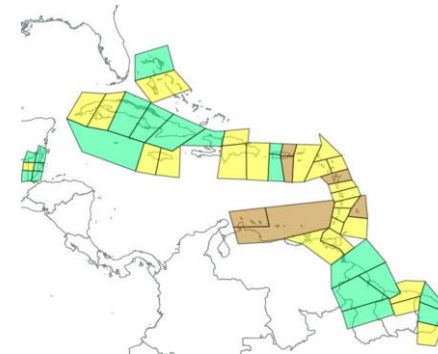
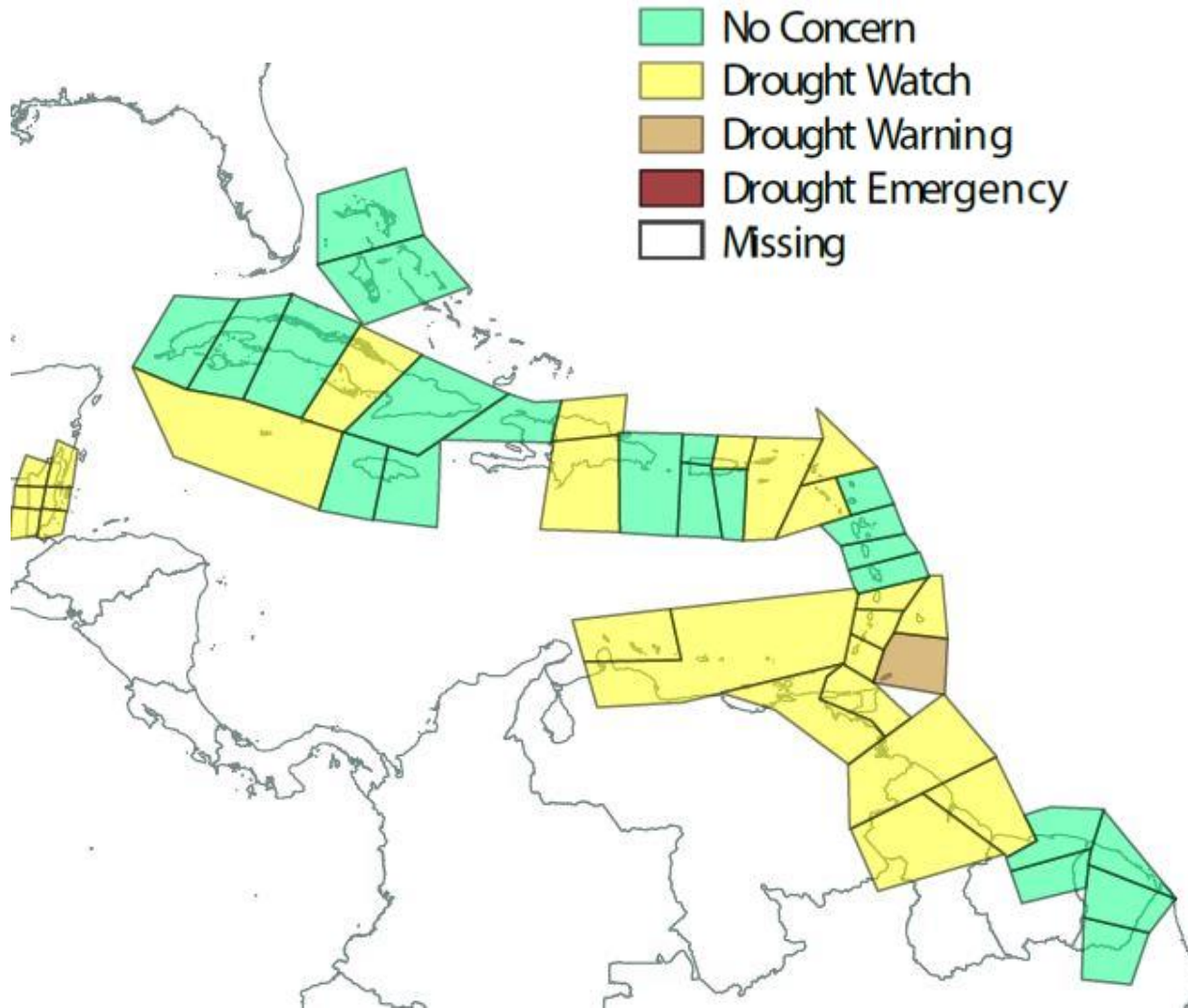
What is the predicted short term drought concern by the end of April 2020?

Current update (January 2019):

We are currently in the dry season. Currently, shorter term drought concern exists in many areas of the Caribbean region, notably:

A **drought warning** should be considered for Tobago.

A **drought watch** should be considered for the ABC Islands, Barbados, Belize, Cayman, central Cuba, Dom. Repub., Grenada, Guyana, NE Puerto Rico, St. Kitts, Saint Lucia, St. Vincent, Sint Maarten/St-Martin, Trinidad and US Virgin Islands.



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

Short term drought alert levels by the end of April 2020

(updated January 2020 – covering November 2019 to April 2020)

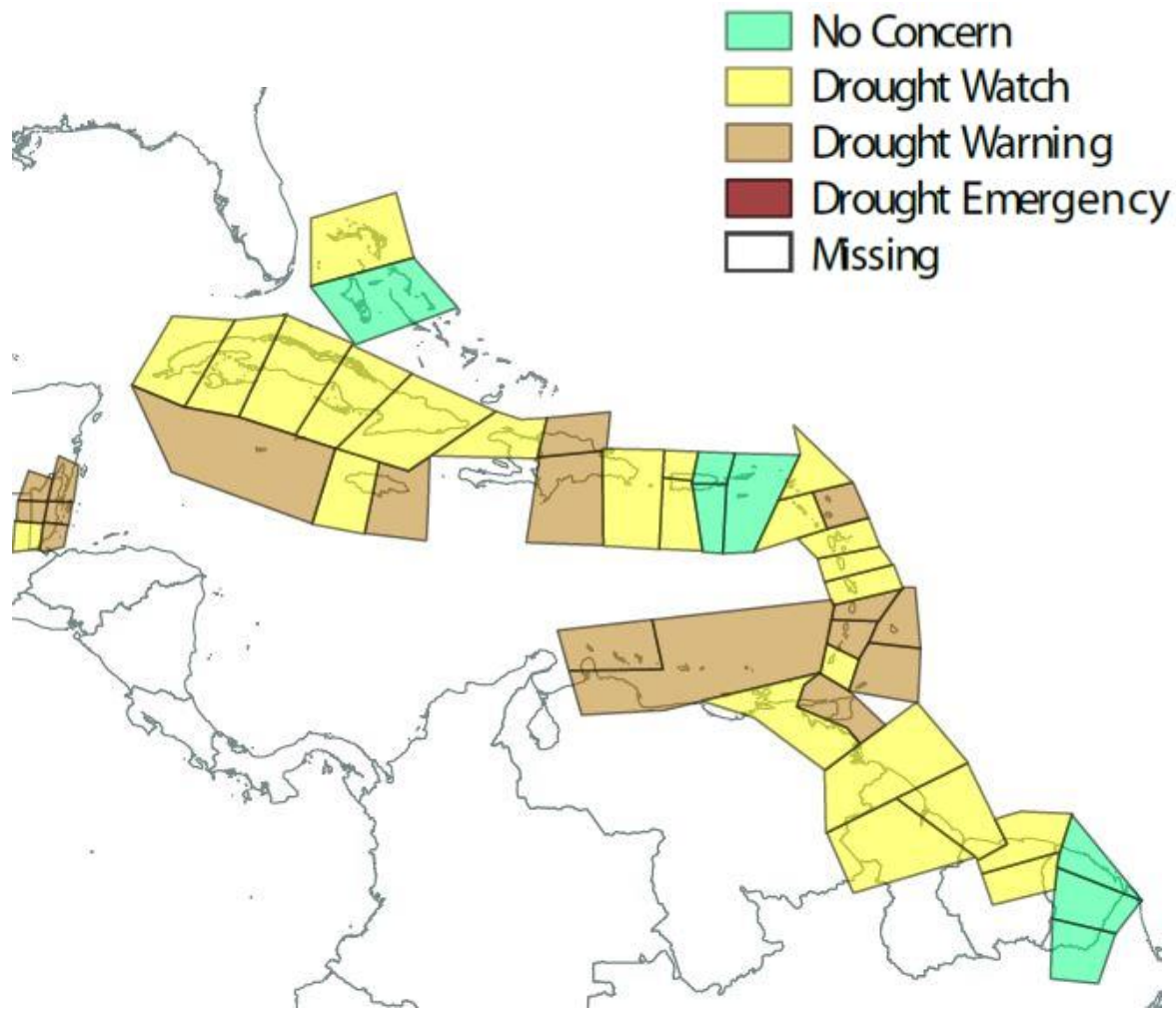
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For climate information specific to your country, please consult with your national meteorological service. *CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.*



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What is the predicted long term drought concern by the end of May 2020?



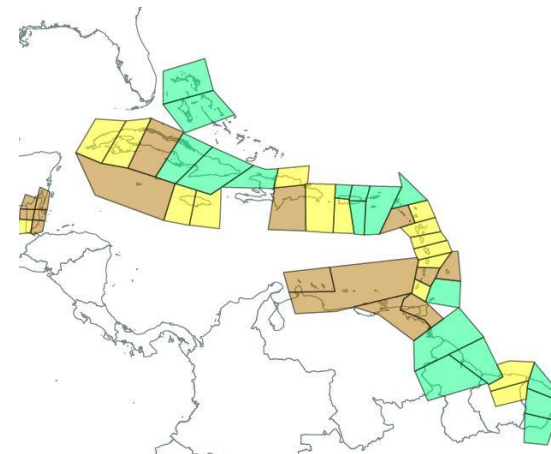
Long term drought alert levels by the end of May 2020

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

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- This 12-month SPI-based drought outlook uses observations through December 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 warning** should be considered for the ABC Is., Antigua, Barbados, Belize, Cayman, Dom. Repub., eastern Jamaica, Saint Lucia, St. Vincent, and Trinidad & Tobago.
- A **drought watch** should be considered for other locations, with the exception of the NW Bahamas, French Guiana, eastern Puerto Rico and the USVI.



Previous (i.e. December 2019) update of the long term drought alert levels by the end of May 2020



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Drought outlook – shorter-/longer-term concern?

- Current drought situation (up to the end of December 2019): *(more information [here](#))*
 - Moderate (or worse) shorter term drought has developed in portions of all countries and territories in the Antilles (with the notable exceptions of Antigua, Dominica, Grenada, Martinique, St. Martin and Trinidad & Tobago), eastern portions of the Bahamas and northernmost Guyana).
 - Moderate (or worse) long term drought has developed in the Antilles (except Antigua, western Cuba and Grenada), central and northern Belize and northern French Guiana
 - Shorter term drought situation (by the end of April 2020):
 - Shorter term drought is evolving in Tobago.
 - Shorter term drought might possibly develop or continue in the ABC Islands, Barbados, Belize, Cayman, central Cuba, Dom. Repub., Grenada, Guyana, NE Puerto Rico, St. Kitts, Saint Lucia, St. Vincent, Sint Maarten/St-Martin, Trinidad, and the US Virgin Is.
 - Long term drought situation (by the end of May 2020):
 - Long term drought is evolving in ABC Is., Antigua, Barbados, Belize, Cayman, Dom. Repub., eastern Jamaica, Saint Lucia, St. Vincent, and Trinidad & Tobago.
 - Long term drought might possibly develop or continue in other locations (with the exception of the NW Bahamas, French Guiana, eastern Puerto Rico and the USVI, where no significant concern is seen).
 - 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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