

CariCOF Drought Outlook

By the end of May 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



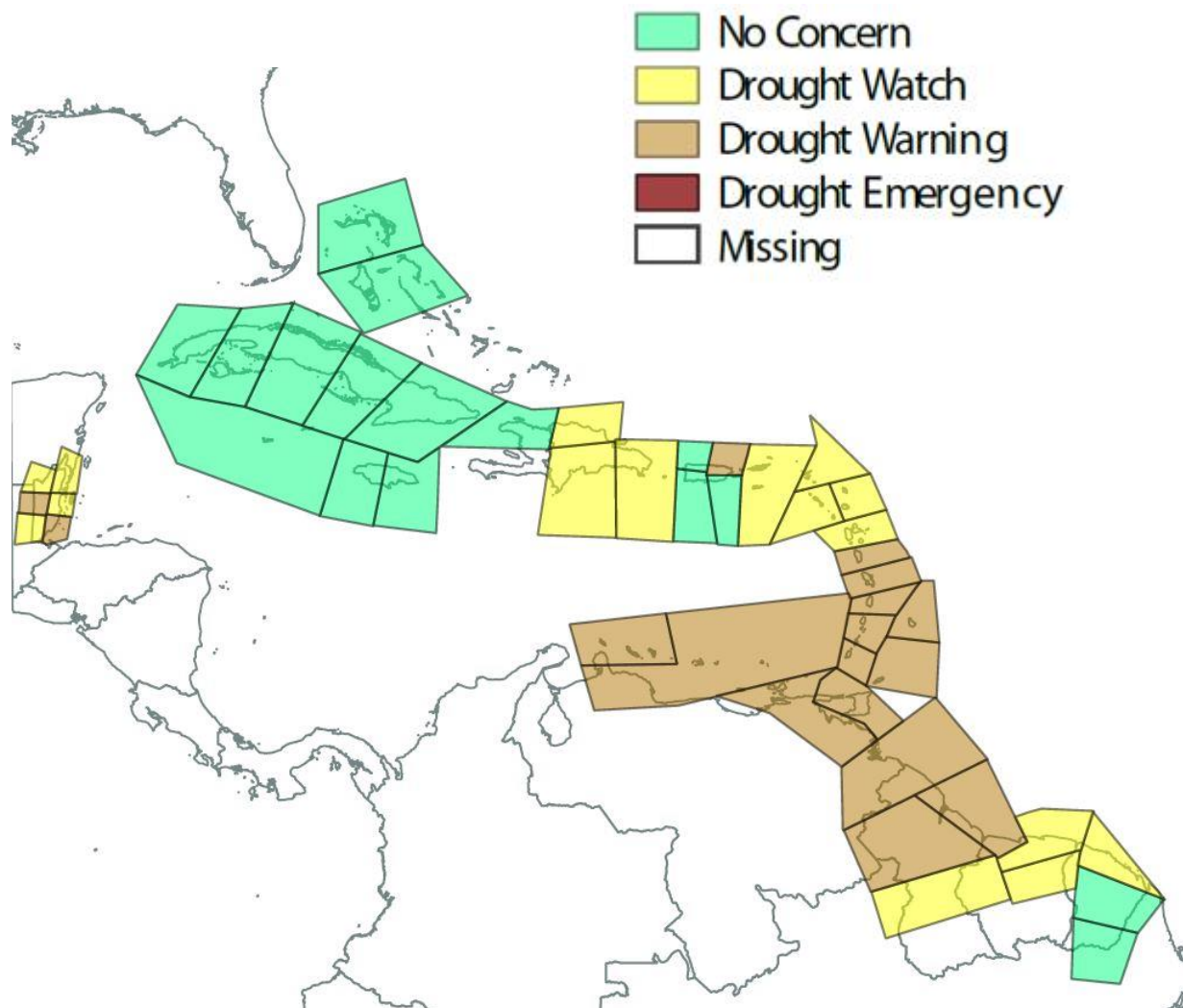
What is the predicted short term drought concern by the end of May 2020?

Current update (February 2020):

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 the ABC Islands, Barbados, parts of Belize, Dominica, Grenada, Guyana, NE Puerto Rico, Martinique, Saint Lucia, St. Vincent, and Trinidad & Tobago.

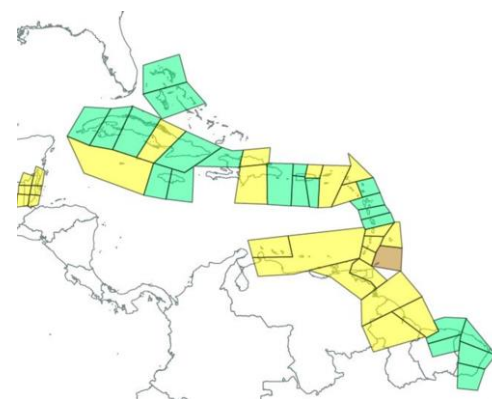
A **drought watch** should be considered for the Leeward Islands, parts of Belize, Dominican Rep., N French Guiana, Suriname.



Short term drought alert levels by the end of May 2020

(updated February 2020 – covering December 2019 to May 2020)

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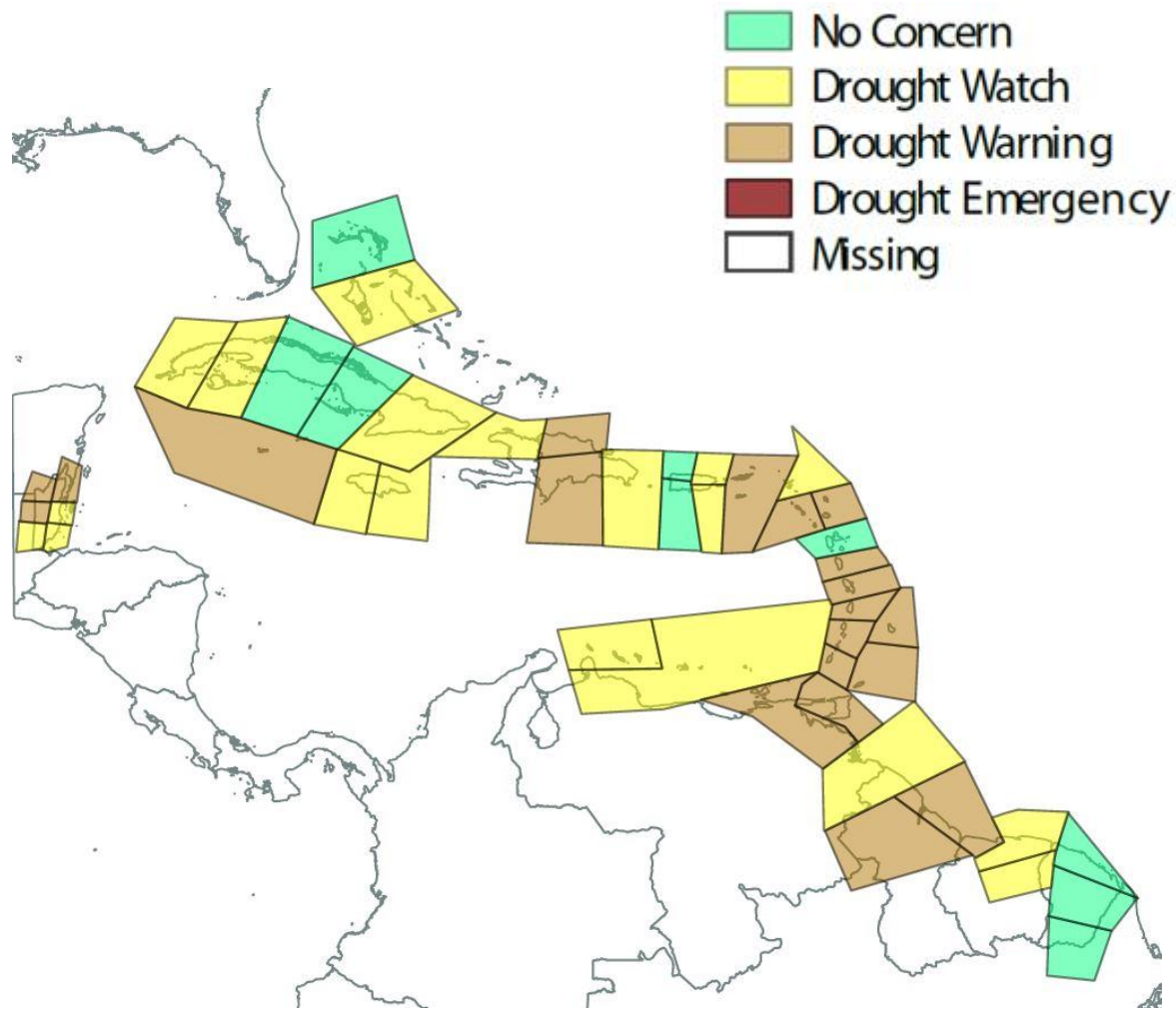
Previous short term drought alert levels by the end of April 2020

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?



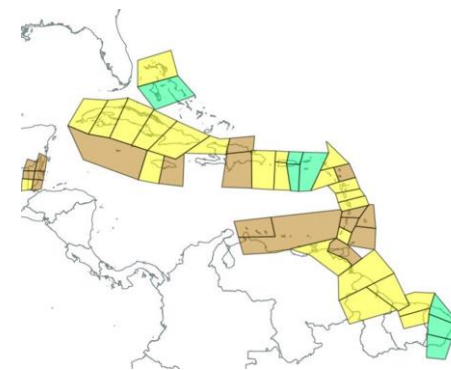
Long term drought alert levels by the end of May 2020

(updated February 2020 – covering June 2019 to May 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.

- This 12-month SPI-based drought outlook uses observations through January 2020, 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 Antigua, Barbados, northwestern half of Belize, Cayman Is., parts of coastal and interior Guyana, much of Dominican Republic, Guyana, St. Kitts, Windward Islands, and USVI.
- A **drought watch** should be considered for the ABC is., Northwestern Bahamas, southeastern Belize, east & west Cuba, eastern Dominican Rep., Jamaica, eastern Puerto Rico, Sint Maarten, and Suriname.



Previous (i.e. January 2020)
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 January 2020): *(more information [here](#))*
 - Moderate (or worse) shorter term drought has developed in ABC Islands, central Bahamas, southeastern Barbados, eastern Dominican Rep., eastern Guadeloupe, portions of northern French Guiana, northernmost Guyana, Saint Lucia, and St. Vincent.
 - Moderate (or worse) long term drought has developed in ABC Is., the Antilles (except for Antigua, western Cuba, Dominica, Grenada, western Guadeloupe, western Jamaica, Puerto Rico and Tobago), northernmost and southeastern Bahamas, much of northern French Guiana, Turks & Caicos Is.
- Shorter term drought situation (by the end of May 2020):
 - **Shorter term drought is evolving** in ABC Is., Barbados, parts of Belize, Dominica, Grenada, Guyana, northeastern Puerto Rico, Martinique, Saint Lucia, St. Vincent, and Trinidad & Tobago.
 - Shorter term drought might possibly develop or continue in Leeward Islands, parts of Belize, Dominican Rep., northern French Guiana, Suriname.
- Long term drought situation (by the end of May 2020):
 - **Long term drought is evolving** in Antigua, Barbados, northwestern half of Belize, Cayman Is., parts of coastal and interior Guyana, much of Dominican Republic, Guyana, St. Kitts, Windward Islands, and USVI.
 - Long term drought might possibly develop or continue in the ABC is., Northwestern Bahamas, southeastern Belize, east & west Cuba, eastern Dominican Rep., Jamaica, eastern Puerto Rico, Sint Maarten, and Suriname.
 - 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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