

CariCOF Drought Outlook

By the end of June 2019

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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



Shorter term Drought Outlook (January to June 2019)

Areas under immediate drought concern?

Current Outlook



Short term drought alert levels by the end of June 2019

(updated March 2019 – covering January to June 2019)

Current update (March 2019):

We are currently in the core of the dry season. This time around, drought concern develops throughout much of the region.

A **drought warning** should be considered for the ABC Islands, Grenada and Suriname.

A **drought watch** should be considered for Barbados, central & south Belize, French Guiana, parts of Hispaniola, Leeward (except Guadeloupe) and Windward Islands, parts of the US C'bean Territories.

Previous Outlook



Short term drought alert levels by the end of May 2019

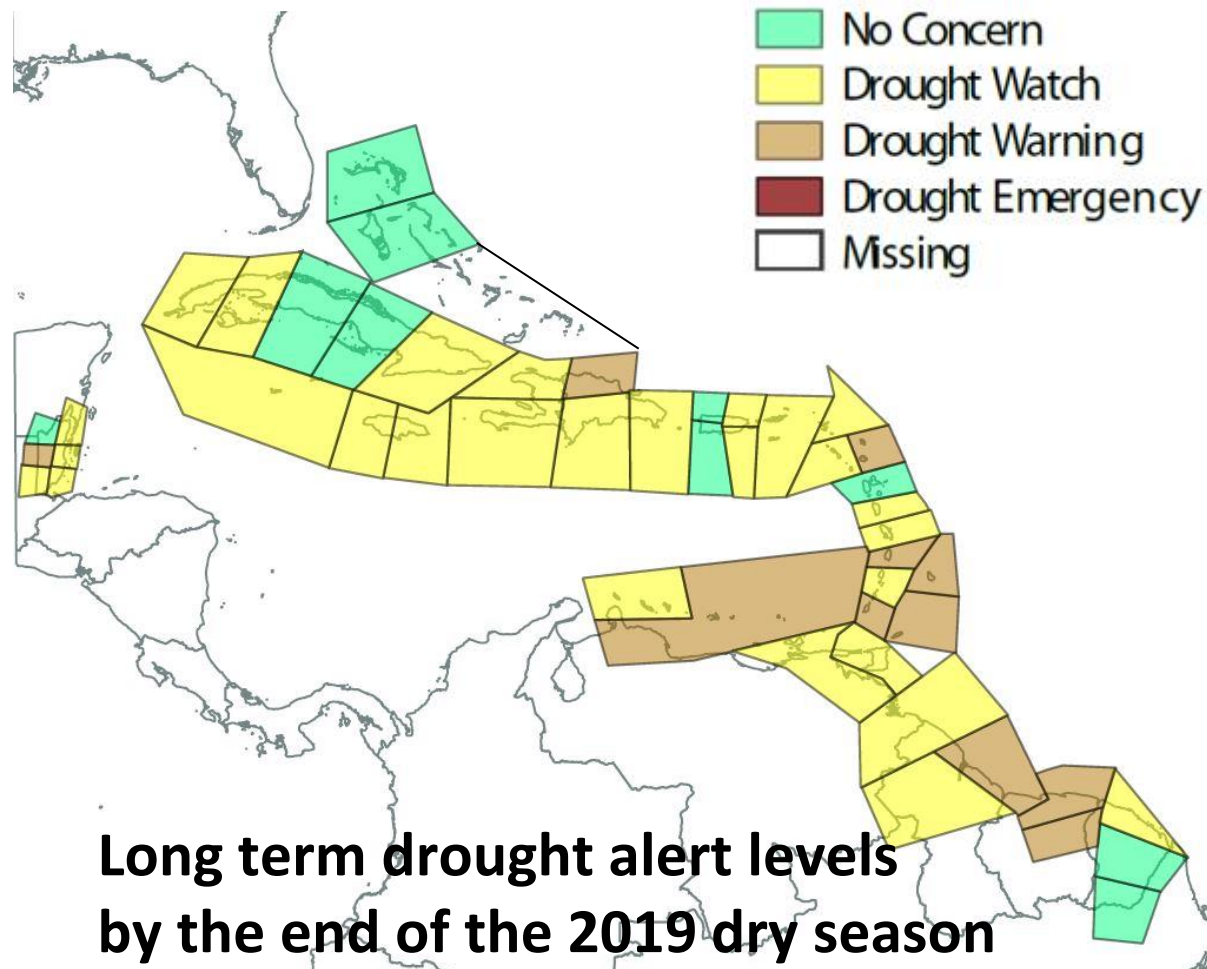
(updated February 2019 – covering December 2018 to May 2019)



Long term drought outlook

Concerns by the end of the dry season (May 31st, 2019)?

Current Outlook

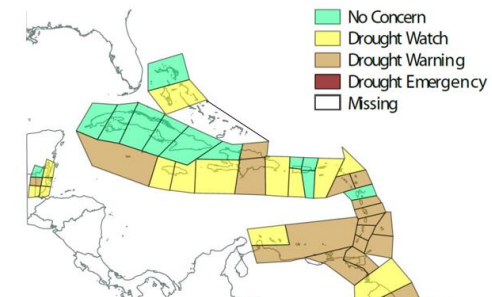


**Long term drought alert levels
by the end of the 2019 dry season**

(updated March 2019 – covering June 2018 to May 2019)

- This 12-month SPI-based drought outlook uses observations through February 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 Antigua, Barbados, west-central Belize, N Dom. Rep., Grenada, NE Guyana, St. Lucia, Tobago.
- A **drought watch** should be considered for the remainder of the Antilles (except central Cuba, Guadeloupe and W Puerto Rico), most of Belize, N French Guiana, remainder of Guyana.

Previous Outlook



**Long term drought alert levels
by the end of the 2019 dry season**
(updated February 2019 – covering June 2018 to May 2019)

Drought outlook – shorter-/longer-term concern?

- Current drought situation (up to the end of December 2018): *(more information [here](#))*
 - Most areas in the Antilles (except Cuba, Curaçao, Guadeloupe, most of Jamaica, St. Kitts and Trinidad), Belize and northern Guyana have seen long term drought developing.
 - Shorter term drought is seen in the ABC Islands, Belize, much of French Guiana, northern Guyana, southern- and eastern-most Hispaniola, Lesser Antilles (except Grenada, Guadeloupe and St. Kitts), much of the US C'bean Territories.
- Shorter term drought situation (by the end of May 2019):
 - Shorter term drought is evolving in the ABC Islands, Grenada and Suriname.
 - Shorter term drought might possibly develop in Barbados, central & south Belize, French Guiana, parts of Hispaniola, Leeward (except Guadeloupe) and Windward Islands, parts of US C'bean Terr.
- Long term drought situation (by the end of May 2019):
 - A weak El Niño is expected to contribute to reduced rainfall up until May and possibly beyond.
 - Long term drought is evolving in Antigua, Barbados, west-central Belize, N Dom. Rep., Grenada, NE Guyana, St. Lucia, Tobago.
 - Long term drought might possibly develop in the Antilles (except central Cuba, Guadeloupe and W Puerto Rico), most of Belize, N French Guiana, remainder of Guyana.

**Continue to MONITOR DROUGHT, look out for
MONTHLY UPDATES & 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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