

CariCOF Drought Outlook

By the end of August 2018

Coordination: Caribbean Institute for Meteorology & Hydrology

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Participating territories

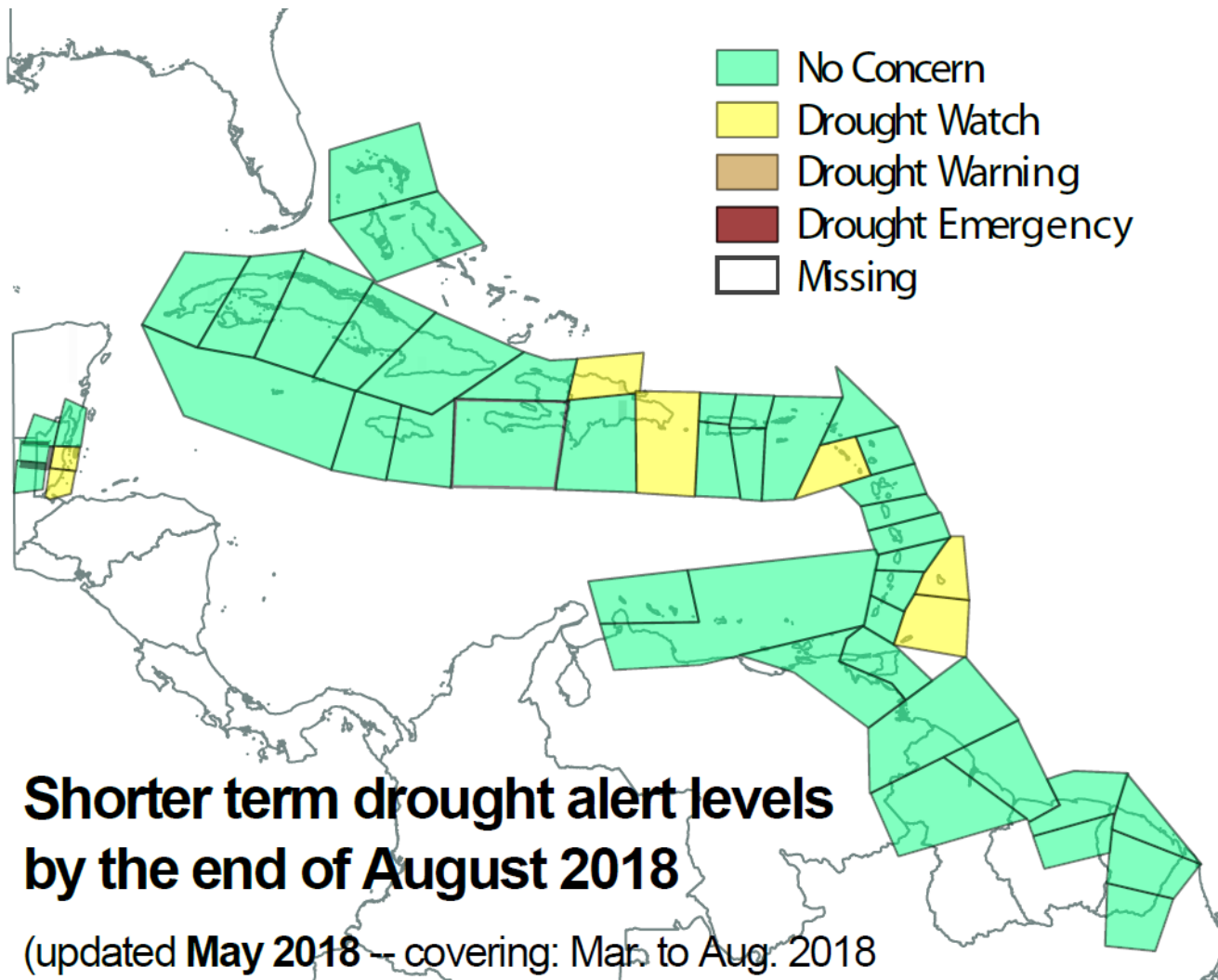
Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haïti, Jamaica, Martinique, Puerto Rico, St. Barth's, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Martin, St. Vincent & the Grenadines, Suriname, Trinidad & Tobago and the US Virgin Islands



Shorter term Drought Outlook (March to August 2018)

Areas under immediate drought concern?

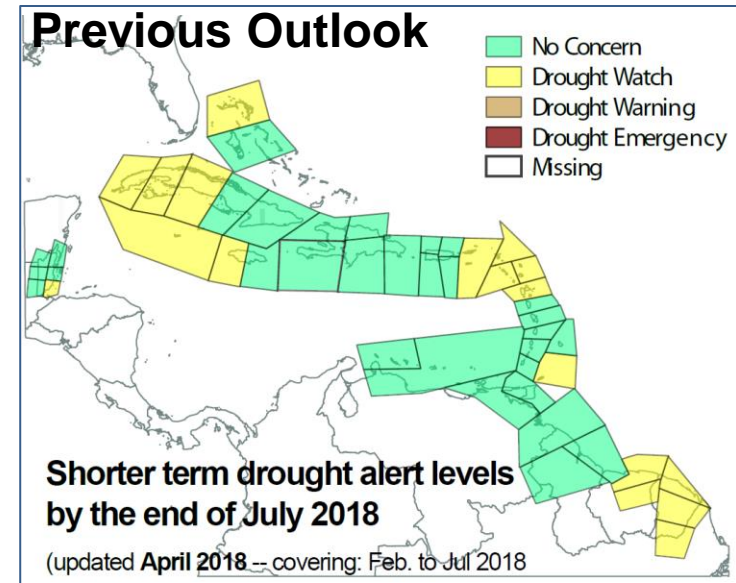
Current Outlook



Current update (May 2018):

As we transition from the dry season into the wet season, we are currently not seeing any shorter term drought concern developing throughout the region. Exceptions are:

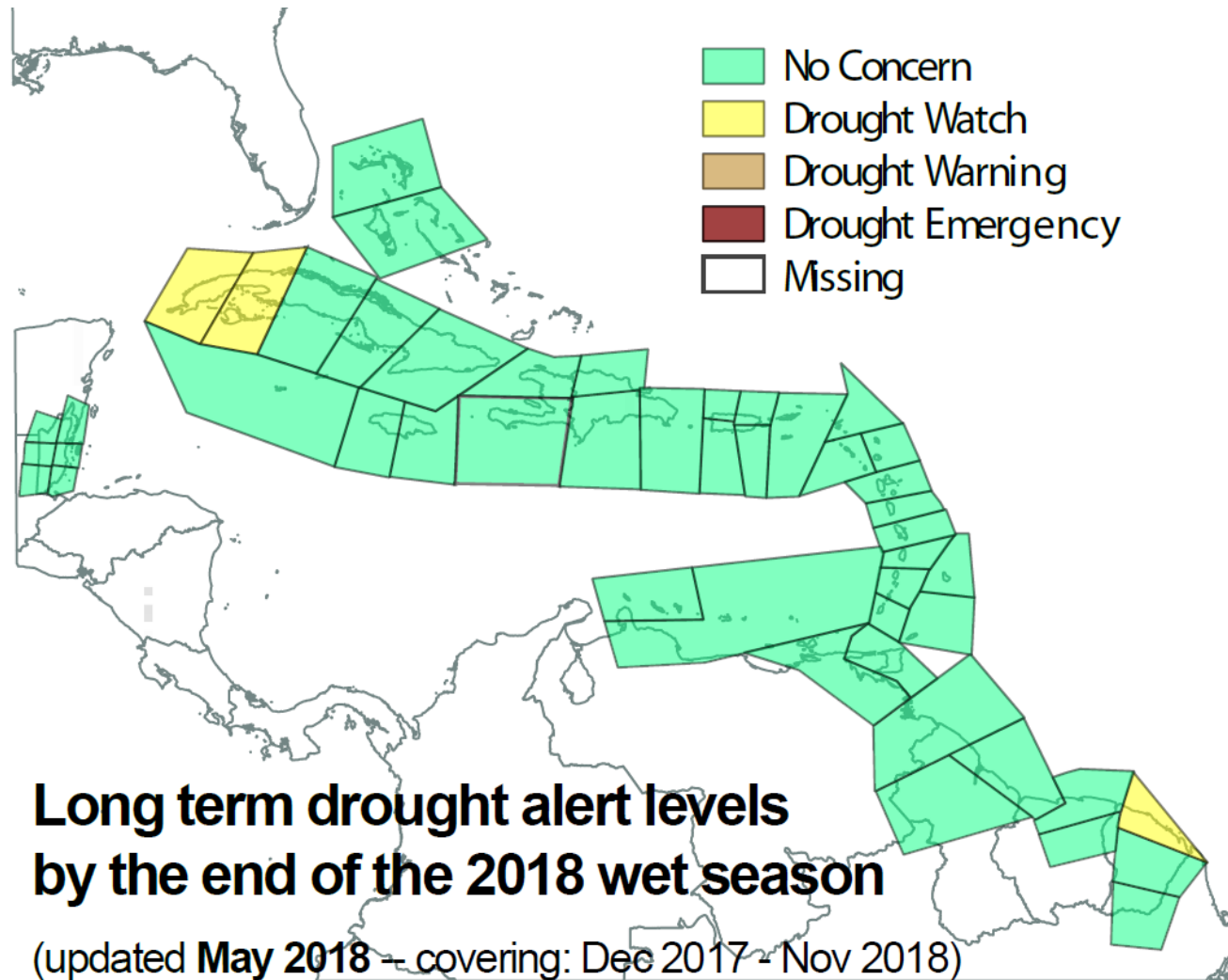
A **drought watch** is issued for Barbados, south-eastern Belize, eastern and northern Dom. Republic, St. Kitts and Tobago.



Long term drought outlook

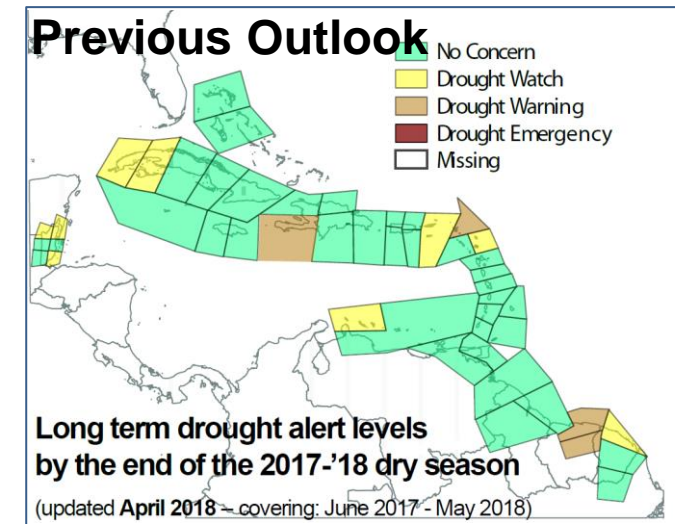
Concerns by the end of the wet season (November 30th, 2018)?

Current Outlook



- This 12-month SPI-based drought outlook uses observations through April 2018, with potential impacts on large surface water reserves and groundwater. In general, impacts are expected if the 12-month SPI is ≤ -1.3 (very *dry or worse* – ref.: CDPMN).

A **drought watch** is in effect for western Cuba and northern French Guiana.



Drought outlook – shorter-/longer-term concern?

- **Current drought situation** (up to the end of April 2018): *(more information [here](#))*
 - The dry season received a good amount of rainfall due to the presence of a weak La Niña.
 - Short term drought conditions are seen in Cayman, Western Cuba and St. Kitts & Nevis, though not severe.
- **Shorter term drought situation** (by the end of August 2018):
 - Shorter term drought might possibly develop in Barbados, south-eastern Belize, eastern and northern Dom. Republic, St. Kitts and Tobago.
- **Long term drought situation** (by the end of November 2018):
 - Long term drought might possibly develop in western Cuba and northern French Guiana.

** 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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