

# CariCOF Drought Outlook

## By the end of January 2018

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### Participating territories

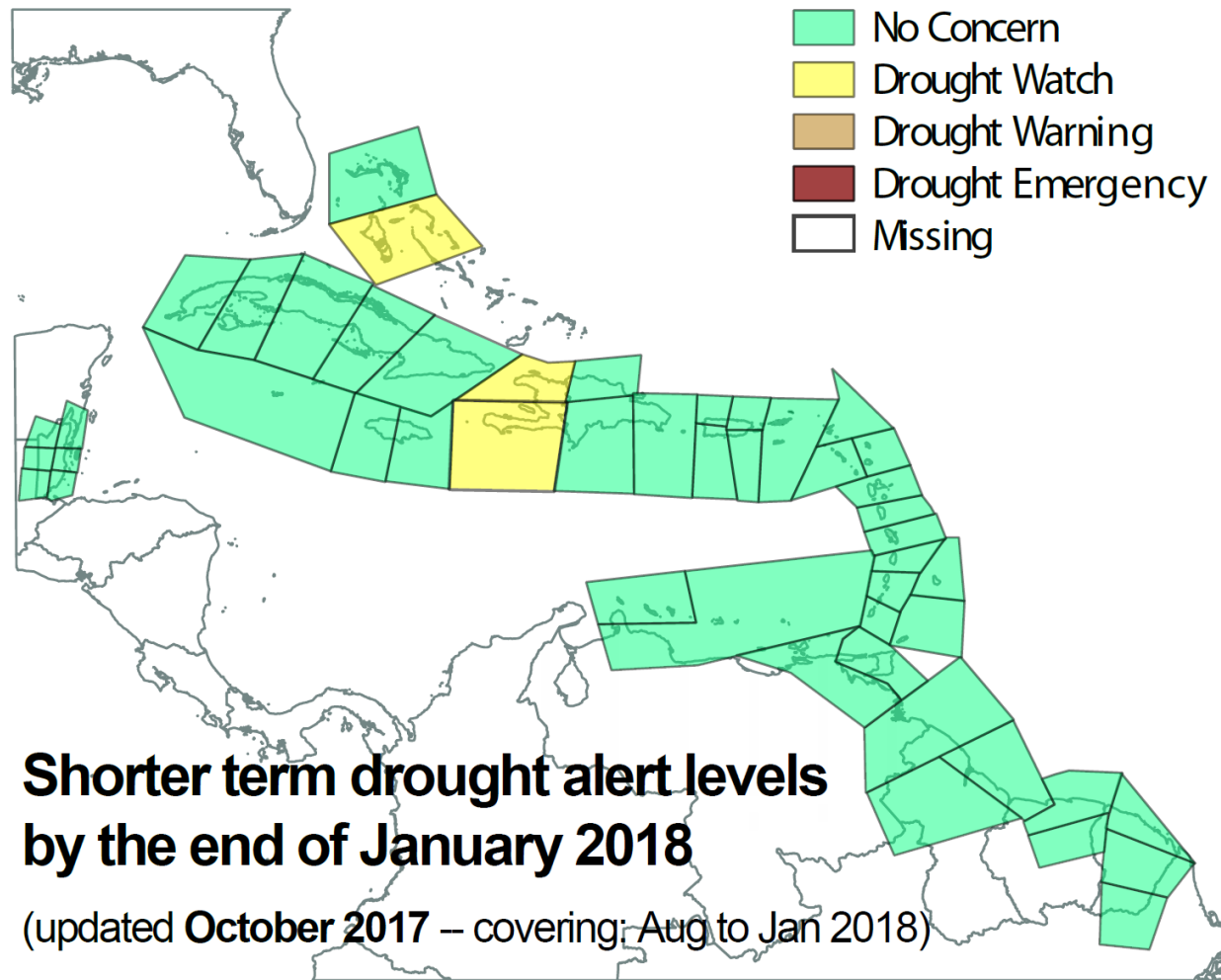
Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haïti, Jamaica, Martinique, Puerto Rico, St. Barth's, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Martin, St. Vincent & the Grenadines, Suriname,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



# Shorter term Drought Outlook (August to January 2017-'18)

Areas under immediate drought concern?

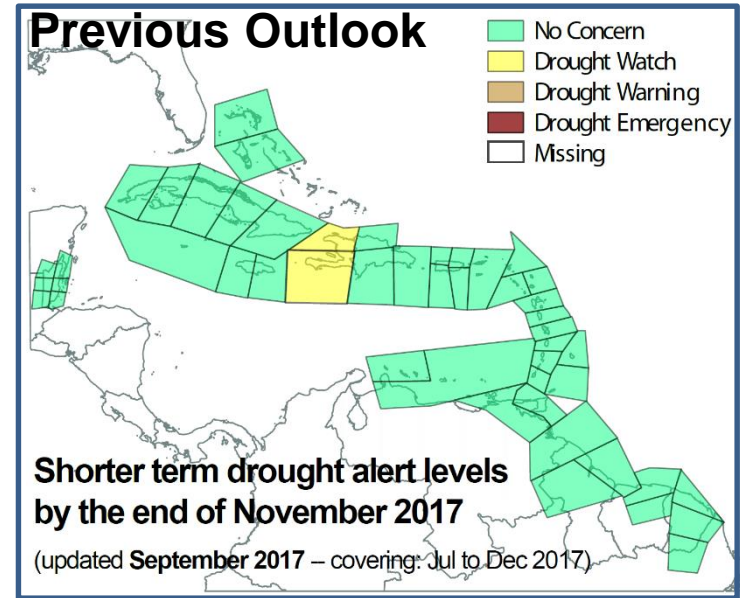
## Current Outlook



## Current update (October 2017):

We continue to see no drought concern developing throughout the region, except:

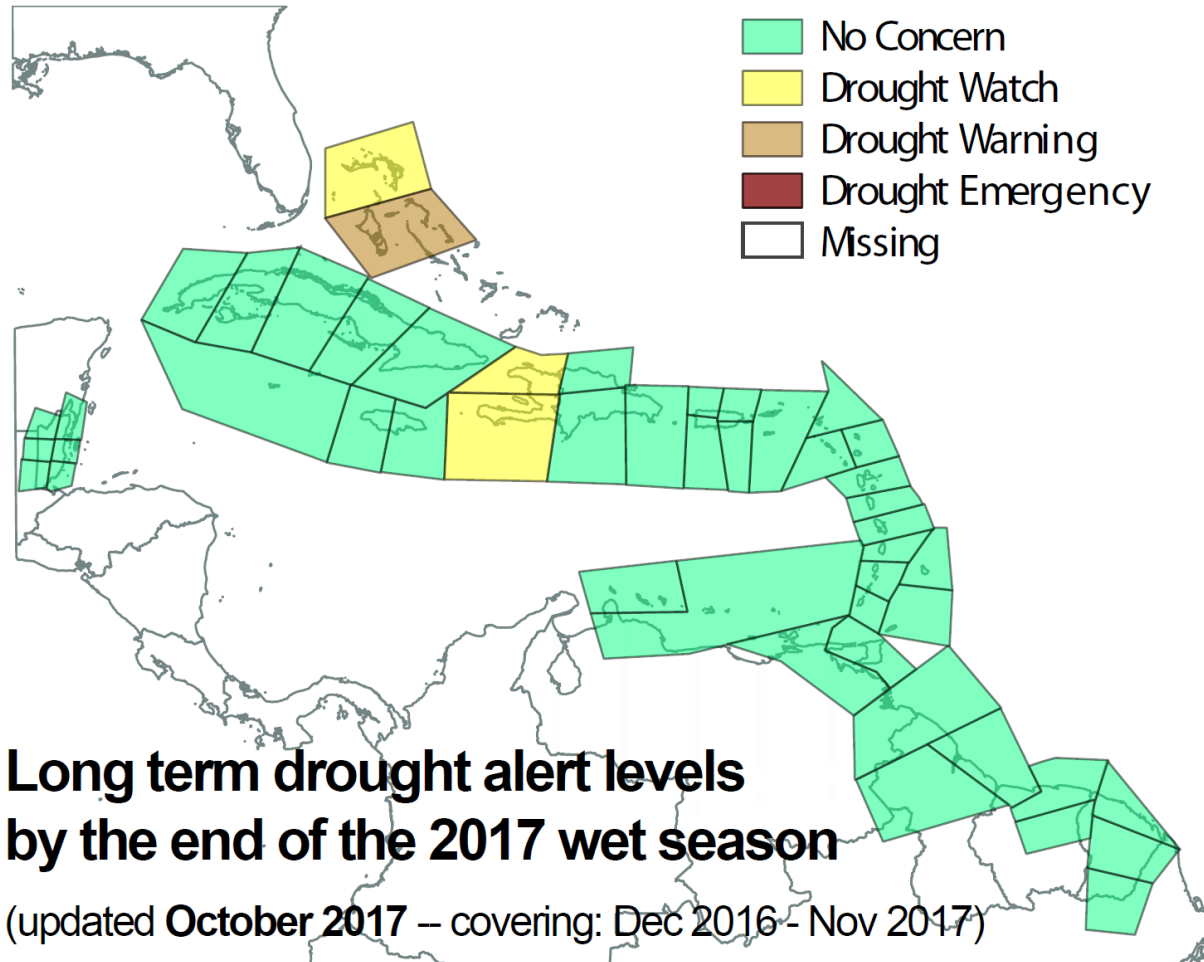
A **drought watch** is issued for central parts of The Bahamas and Haiti.



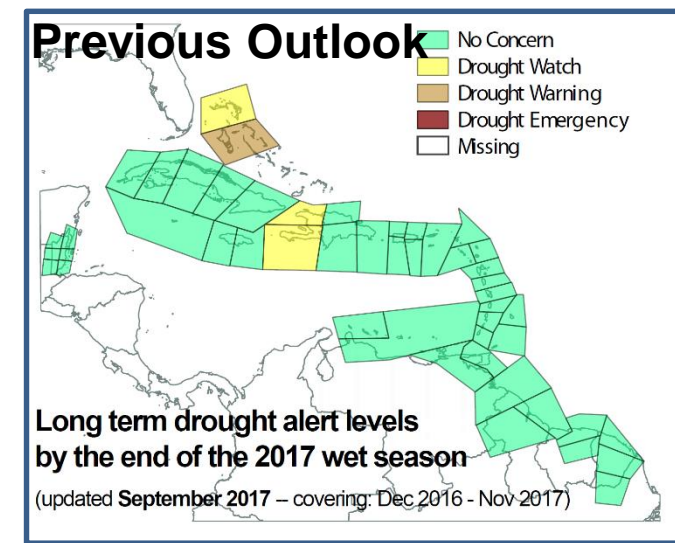
# Long-term drought outlook

Concerns by the end of the wet season (November 30<sup>th</sup>, 2017)?

## Current Outlook



- This 12-month SPI-based drought outlook uses observations through October 2017, with potential impacts on large surface water reserves and groundwater. In general, impacts are expected if the 12-month SPI is  $\leq -1.3$  (*very dry or worse* – ref.: CDPMN).
- A **drought warning** remains in effect for central parts of The Bahamas.
- A **drought watch** remains in effect for northern parts of The Bahamas and is in effect for Haïti.



# Drought outlook – shorter-/longer-term concern?

- Current drought situation (up to the end of September 2017): *(more information [here](#))*
  - The Cayman Islands are under long term drought.
  - Short term drought is seen in central Belize and western-most portions of Jamaica.
  - Short and long term drought have also been developing in southern portions of Haïti.
- Shorter term drought situation (by the end of January 2018):
  - Due to a marked rainfall deficit in Haïti in August, we expect the shorter term drought situation to possibly remain. Short term drought might also develop in central parts of the Bahamas.
- Long term drought situation (by the end of November 2017):
  - Long term drought is evolving in central parts of the Bahamas, it will possibly continue in Haïti and possibly develop in N Bahamas.
  - The long term drought situation in Cayman is expected to improve.
  - Though the potential long term drought concerns are very few region-wide at this time, 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"> <li>✓ <b>monitor resources</b></li> <li>✓ update and ratify management plans</li> <li>✓ public awareness campaigns</li> <li>✓ upgrade infrastructure</li> </ul>   |
| DROUGHT WATCH     | Drought possible             | <ul style="list-style-type: none"> <li>✓ <b>keep updated</b></li> <li>✓ protect resources and conserve water</li> <li>✓ implement management plans</li> <li>✓ response training</li> <li>✓ monitor and repair infrastructure</li> </ul>  |
| DROUGHT WARNING   | Drought evolving             | <ul style="list-style-type: none"> <li>✓ <b>protect resources</b></li> <li>✓ conserve and recycle water</li> <li>✓ implement management plans</li> <li>✓ release public service announcements</li> <li>✓ last minute infrastructural repairs and upgrades</li> <li>✓ report impacts</li> </ul>           |
| DROUGHT EMERGENCY | Drought of immediate concern | <ul style="list-style-type: none"> <li>✓ <b>release public service announcements</b></li> <li>✓ implement management and response plans</li> <li>✓ enforce water restrictions and recycling</li> <li>✓ enforce resource protection</li> <li>✓ repair infrastructure</li> <li>✓ report impacts</li> </ul> |



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