

CariCOF Drought Outlook

By the end of December 2023

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Participating territories

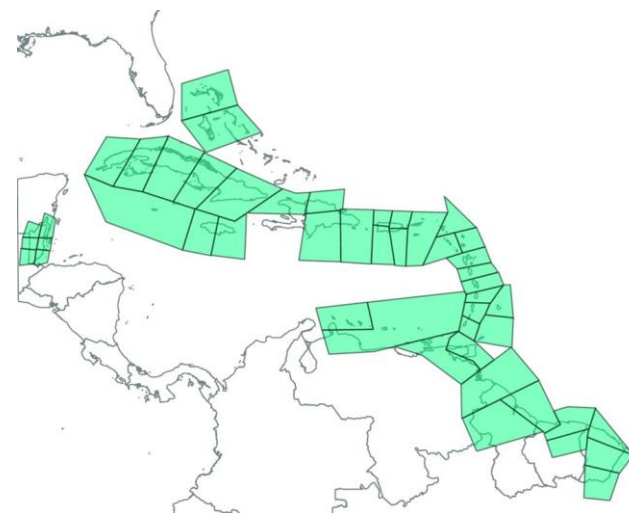
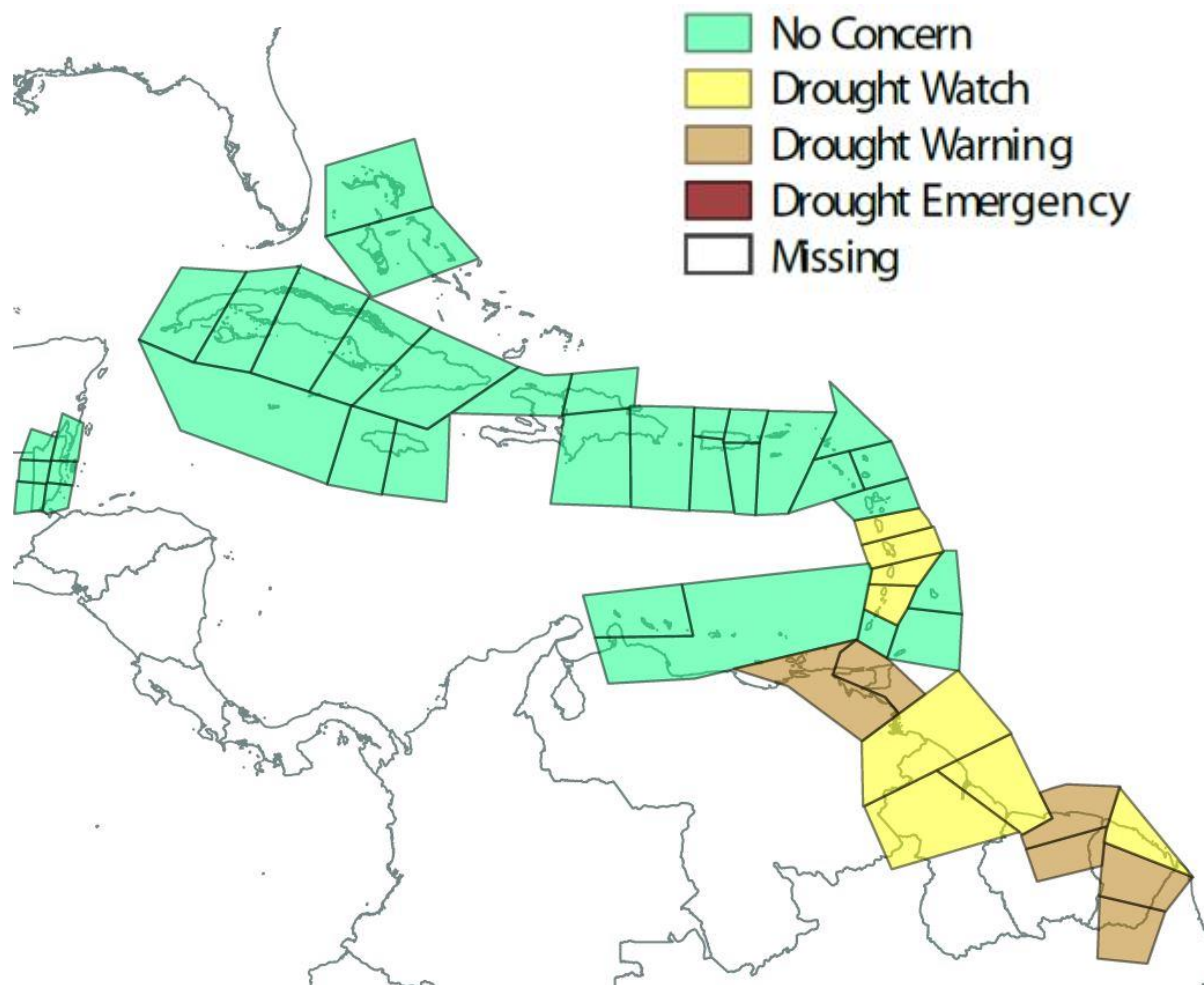
Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haïti, Jamaica, Martinique, Puerto Rico, St. Barts, St. Kitts & Nevis, St. Lucia, St. Maarten/St. Martin, St. Vincent & the Grenadines, Suriname,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



What is the predicted short term drought concern by the end of December 2023?

Current update (September 2023):

- We are entering the late Caribbean wet season.
- A **drought warning** should be considered for central and southern French Guiana, Suriname, Trinidad.
- A **drought watch** should be considered for Dominica, Guyana, Martinique, Saint Lucia, St. Vincent, and northern French Guiana.



Previous update (June): short term drought alert levels at the end of September 2023

Short term drought alert levels at the end of December 2023

(updated **September 2023** – based on a 6-month SPI for July to December 2023)

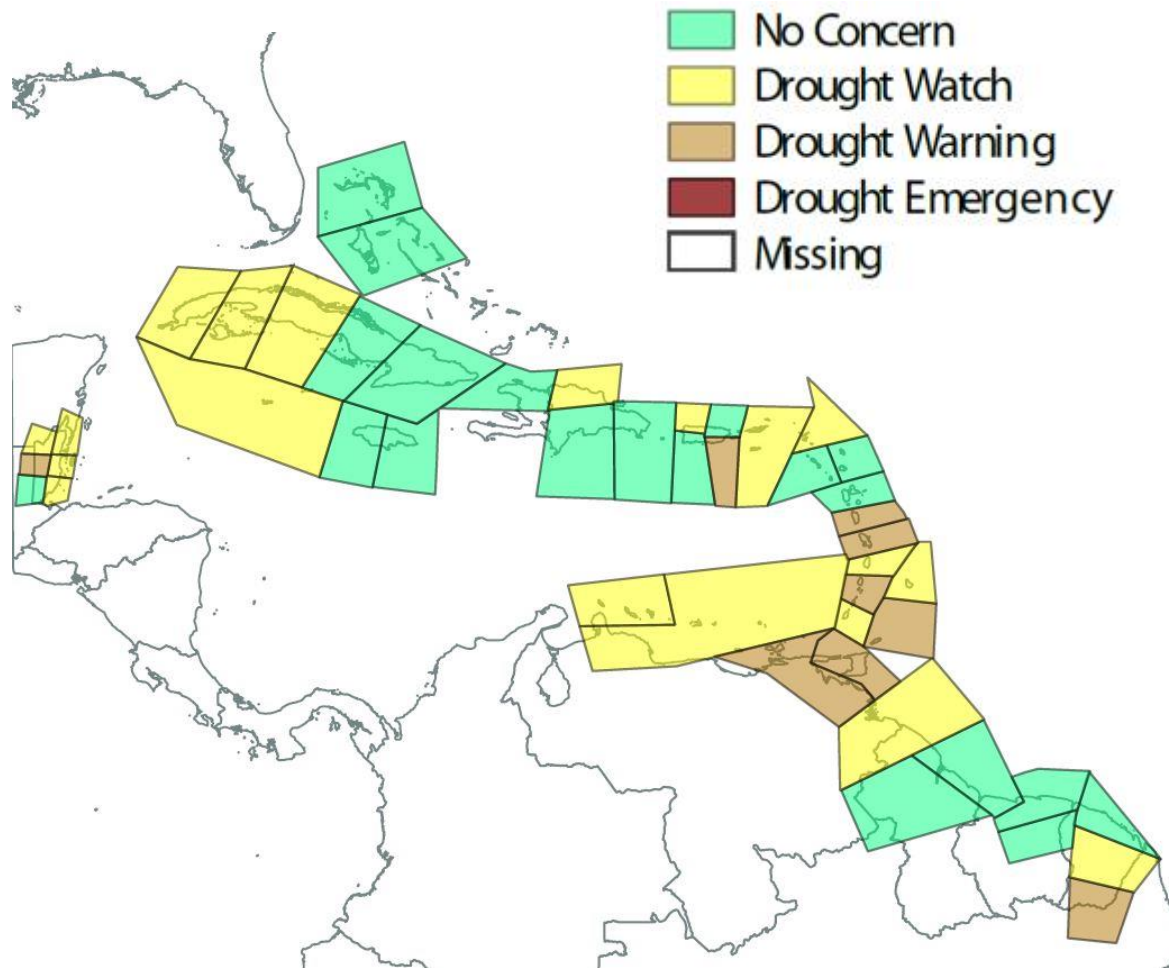
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For climate information specific to your country, please consult with your national meteorological service. *CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.*



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What is the predicted long term drought concern at the end of November 2023?



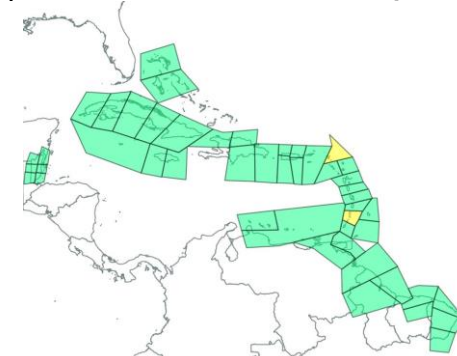
Long term drought alert levels at the end of November 2023

(updated September 2023 – based on a 12-month SPI for December 2022 to November 2023)

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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- This 12-month SPI-based drought outlook uses observations through August 2023, with potential impacts on large surface water reservoirs and groundwater. In general, impacts are expected if the 12-month SPI is ≤ -1.3 (*severely dry or worse* – ref.: CDPMN).
- A **drought warning** should be considered for western Belize, Dominica, southern French Guiana, Martinique, southeast Puerto Rico, St. Vincent, and Trinidad & Tobago.
- A **drought watch** should be considered for eastern the ABC islands, Barbados, northern and eastern Belize, Grand Cayman, Western and Central Cuba, northern Dominican Republic, central French Guiana, Grenada, northwest Puerto Rico, USVI, Saint Lucia, and Sint Maarten/St-Martin.



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Drought outlook – shorter-/longer-term concern?

- Current drought situation (up to the end of July 2023): *(more information [here](#))*
 - Severe (or worse) short-term drought has developed in the Grand Cayman, central and northeastern French Guiana northernmost Guyana, eastern Suriname, and Tobago.
 - Severe (or worse) long-term drought has developed in Grand Cayman, northern and central parts of Cuba.
- Short-term drought situation (by the end of December 2023):
 - Short-term drought is evolving in central and southern French Guiana, Suriname, and Trinidad.
 - Short-term drought might possibly develop in Dominica, Guyana, Martinique, Saint Lucia, St. Vincent, and northern French Guiana.
- Long-term drought situation (by the end of November 2023):
 - Long-term drought is evolving in western Belize, Dominica, southern French Guiana, Martinique, southeast Puerto Rico, St. Vincent, and Trinidad & Tobago.
 - Long-term drought might possibly develop or continue in ABC islands, Barbados, northern and eastern Belize, Grand Cayman, Western and Central Cuba, northern Dominican Republic, central French Guiana, Grenada, northwest Puerto Rico, USVI, Saint Lucia, and Sint Maarten/St-Martin.
 - Areas ending up in long-term drought by the end of November are likely to experience lower than usual water levels in large reservoirs, large rivers and groundwater.

** We advise all stakeholders to keep monitoring drought and look for our monthly updates. **

**CONTINUE TO MONITOR &
CONSERVE WATER !!**



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