

CariCOF Drought Outlook

By the end of July 2022

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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

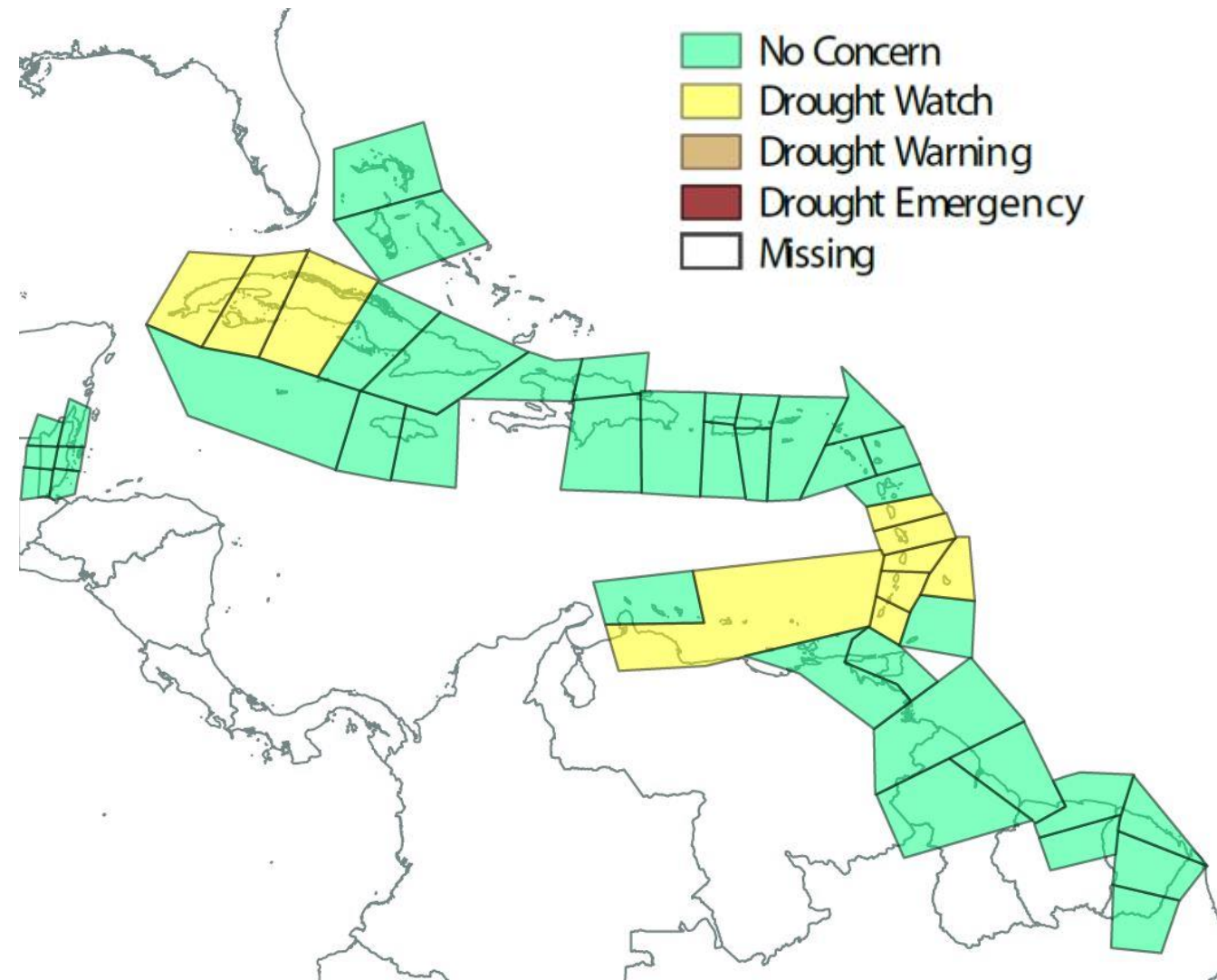


What is the predicted short term drought concern by the end of July 2022?

Current update (April 2022):

We are currently entering the tail end of the dry season. This time around, there is little drought concern throughout much of the region.

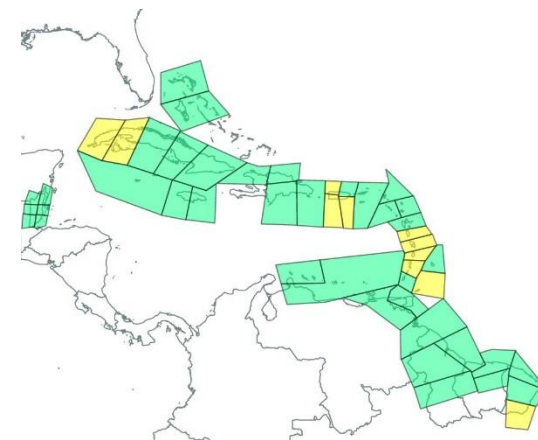
A **drought watch** should be considered for Barbados, Western Cuba, Dominica, Grenada, Martinique, Saint Lucia, and Saint Vincent.



Suggested alert levels for short term drought at the end of July 2022

(updated April 2022 – covering February 2022 to July 2022)

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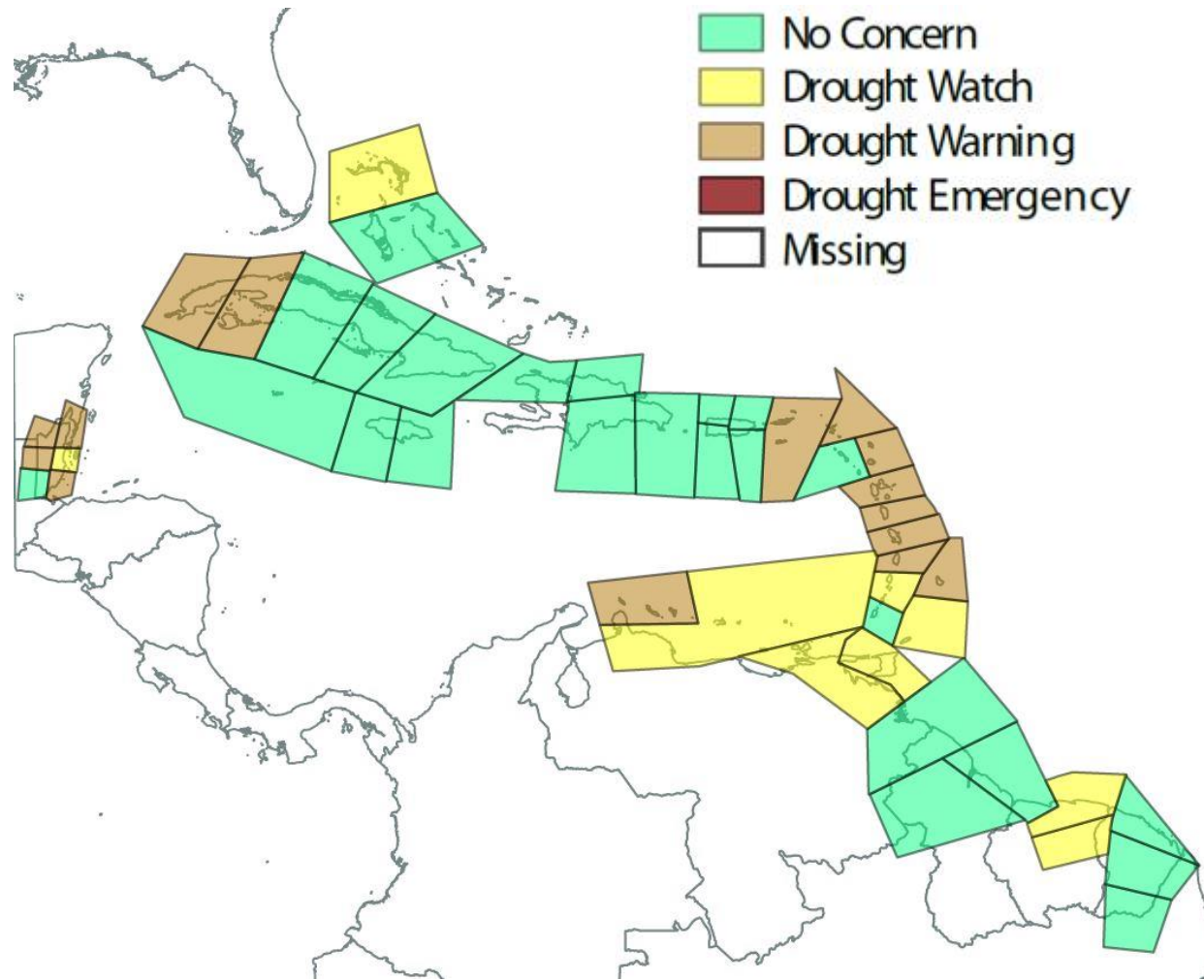
Previous short term drought alert levels by the end of June 2022

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 2022?



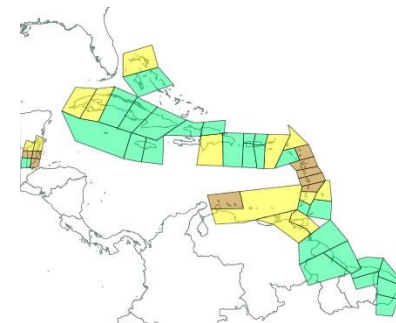
Suggested alert levels for long term drought at the end of May 2022

(updated April 2022 – covering June 2021 to May 2022)

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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 April 2022, 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 the ABC Islands, Barbados, most of Belize, western Cuba, Dominica, Guadeloupe, Martinique, Saint Kitts, Saint Lucia, Saint Martin, and the USVI.
- A **drought watch** should be considered for the northern Bahamas, parts of eastern Belize, Saint Vincent, Trinidad and Tobago, and northern Suriname.



Previous (i.e. March 2022)
update of the long term
drought alert levels by the
end of May 2022



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Drought outlook – shorter-/longer-term concern?

- Current drought situation (at the end of April 2022): *(more information [here](#))*
 - Moderate (or worse) shorter term drought has developed in northeast Guadeloupe, Martinique, and Saint Vincent.
 - Moderate (or worse) long term drought has developed in the ABC islands, Antigua, the northernmost and southeastern Bahamas, Barbados, southeast Belize, western Cuba, Dominica, eastern Dom. Rep., Guadeloupe, southwest Haiti, eastern Jamaica, Martinique, Saint Kitts, Saint Lucia, St. Vincent and the Grenadines, and the USVI.
 - Shorter term drought situation (by the end of July 2022):
 - Shorter term drought might possibly develop or continue in Barbados, Western Cuba, Dominica, Grenada, Martinique, Saint Lucia, and Saint Vincent.
 - Long term drought situation (by the end of May 2022):
 - Long term drought is evolving in the ABC Islands, Barbados, most of Belize, western Cuba, Dominica, Guadeloupe, Martinique, Saint Kitts, Saint Lucia, Saint Martin, and the USVI.
 - Long term drought might possibly develop or continue in the northern Bahamas, parts of eastern Belize, Saint Vincent, Trinidad and Tobago, and northern 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.**
- * 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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