

CariCOF Drought Outlook by the end of July 2015

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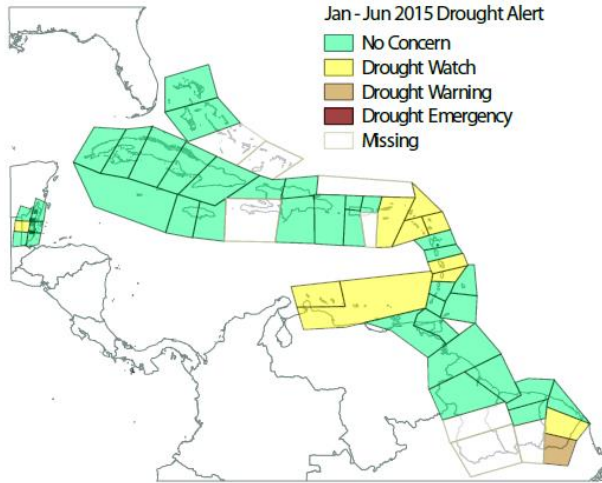
Participating territories

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



SPI outlook Feb to Jul – areas under immediate drought concern?

March 2015 update



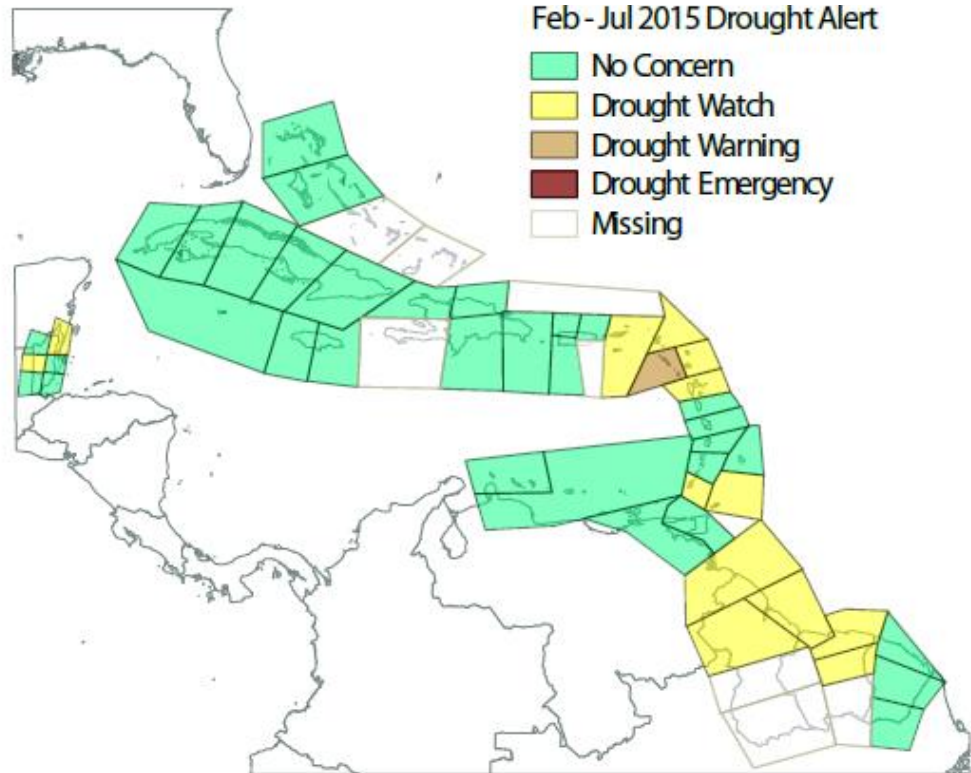
April 2015's update:

No drought concerns are noted in the Caribbean from Puerto Rico westwards, with the exception of parts of Belize.

Drought concern has grown in the Leeward Islands, with St. Barth's and St. Kitts now under drought warning.

By contrast, drought concern has ceased in ABC Islands and French Guiana.

Some concern exists in Grenada, northern Guyana, Suriname and Tobago, which are under drought watch.



Drought outlook till July 2015 – shorter- / longer-term concern?

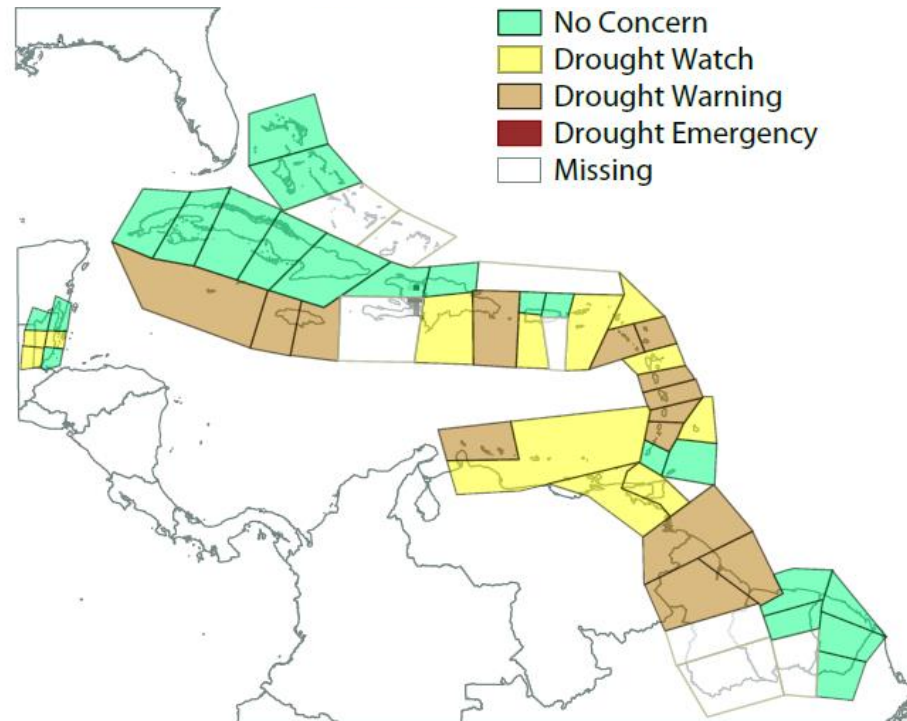
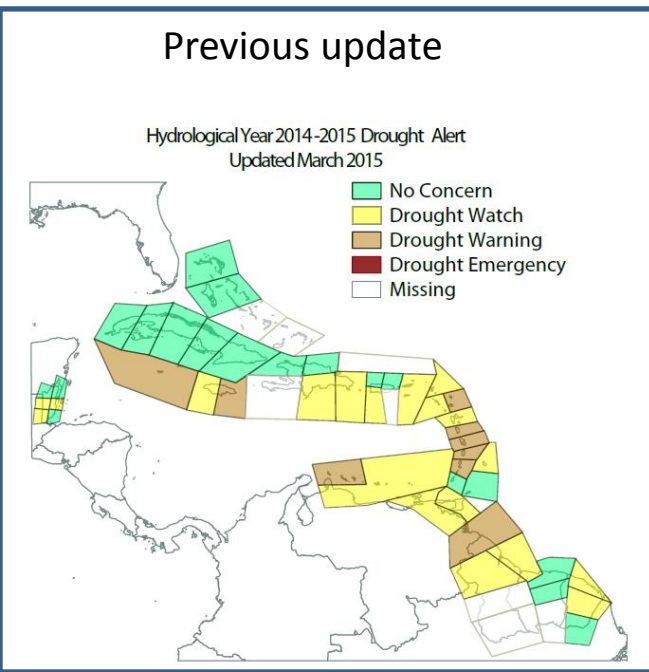
- Current drought situation:
 - Antigua, Cayman, Eastern Jamaica, Haïti and some of the Windward Islands are in longer-term drought and have suffered water shortages. Few areas , including the Leeward Islands, are currently facing shorter-term drought.
- Shorter-term:
 - We expect that a shorter-term drought situation may persist (and might intensify) in the Leeward Islands and deteriorate or improve in other areas.
- Longer-term:
 - Because of below normal rainfall during the previous wet season, water shortages may occur in portions of the Antilles and northern Guyana toward the end of May.
 - An El Niño has emerged. El Niño often results in a drier dry season (except for the NW Caribbean), and particularly in the SE Caribbean later in the dry season.
 - Areas with existing water shortages may not see any improvement until the upcoming wet season.

CONSERVE WATER!!

Especially in Cayman, Haïti, Jamaica,
Leeward and Windward Islands.

SPI outlook Hydrological Year 2014-2015 – drought concern by the end of the Caribbean dry season (May 30th, 2015)?

- This 12-month SPI-based drought outlook uses observations until March 2015, with potential impacts on large surface water reserves and groundwater.
- Impactful hydrological drought is a concern across the region (except Bahamas, parts of Belize, Cuba, French Guiana, Grenada, Suriname and Tobago).
- A drought warning is issued for ABC Islands, Antigua & Barbuda, Cayman, Dominica, E Dom. Republic, Jamaica, Martinique, St. Kitts, St. Lucia, St. Vincent as well as northern Guyana.



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