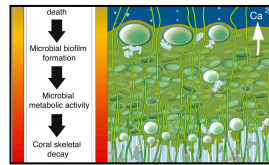


Announcement

SEA SURFACE TEMPERATURES (SSTs) IN THE CARIBBEAN HAVE BEEN APPROACHING THEIR ANNUAL PEAK WHICH IS EXPECTED TO BE IN SEPTEMBER.



REPORT CORAL BLEACHING OBSERVATIONS



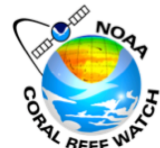
RAPID CORAL DECAY IS ASSOCIATED WITH MARINE HEATWAVE MORTALITY EVENTS ON REEFS



STRANGE CORAL SPAWNING IMPROVING GREAT BARRIER REEF'S RESILIENCE

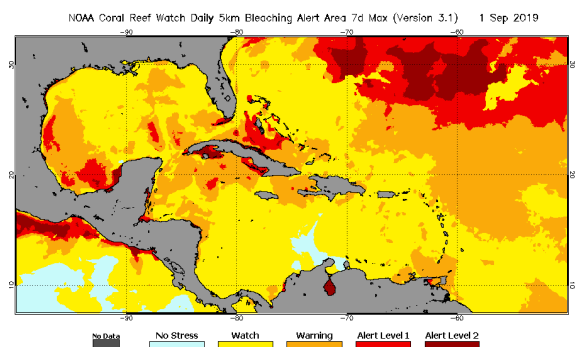


CARIBBEAN CORAL REEF WATCH



Notable Observations

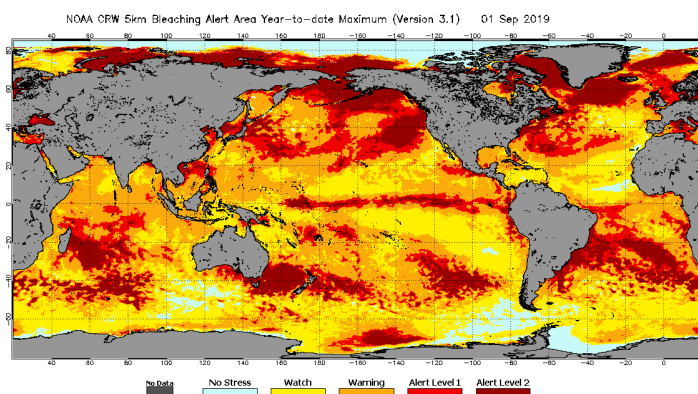
- ▶ Watch alert level issued for most of the Windward and Leeward Is. Warning issued for the northern-most and southern-most islands (and T&T) in the island chain. Cuba and Belize both experiencing Alert level 1 and 2 conditions.
- ▶ As of the end of July, Sea Surface Temps. were around 1°C above average around the Windward Islands and slightly above average in most other areas. [Read more...](#)



[Click here to track current conditions](#)

Current Global Conditions

- ▶ Bleaching watch and warning alerts issued in Florida, Gulf of Mexico, and throughout the Pacific, Southeast Asia, and Middle Eastern Indian Ocean.
- ▶ Veracruz (Mexico) and Yucatan Peninsula, and main Hawaiian Is. under Alert Level 1. Northern Hawaiian Is., Kiribati, N. Vietnam, Tabuk (Saudi Arabia), Egypt, and the Gulfs of Aqaba and Suez experiencing Alert Level 2 conditions. Bleaching reported in both NW and Main Hawaiian Is. as officials prepare for severe bleaching.

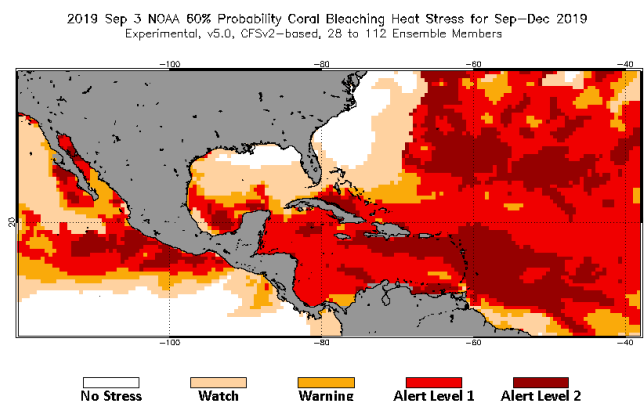


Alert Level Guide

Alert Level	Interpretation
No Stress	No Thermal Stress
Watch	Low-level thermal stress
Warning	Thermal stress is accumulating
Alert level 1	Bleaching expected
Alert level 2	Widespread bleaching and some mortality expected

Current Outlook (September-December 2019)

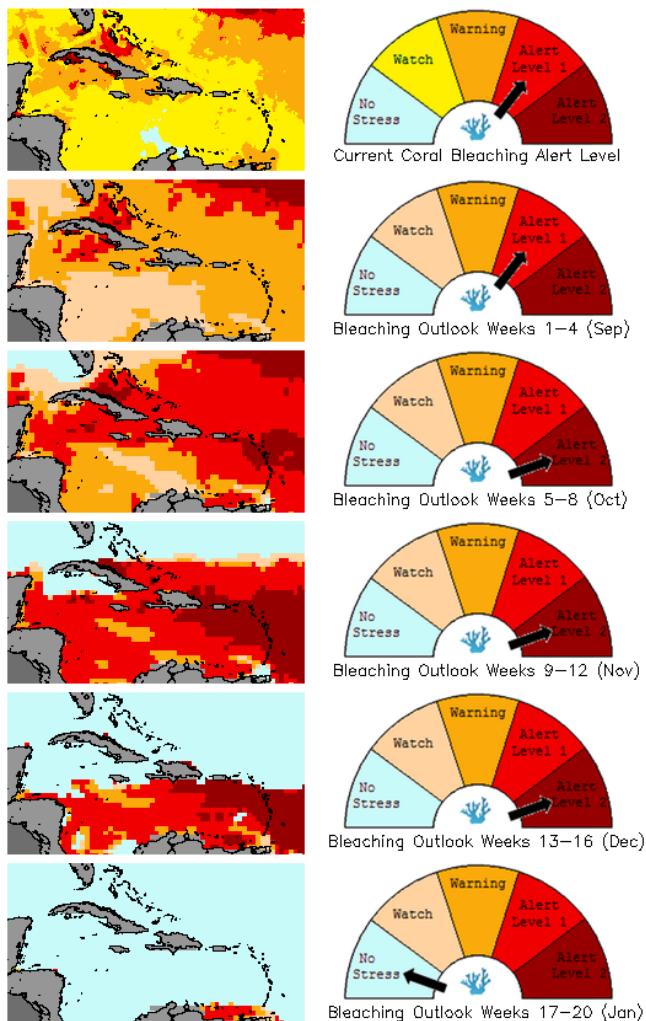
- 4-Month Outlook indicates that Coral Bleaching Heat Stress will be at Alert Level 2 during Oct-Dec.



[Click here to track the 4-month bleaching outlook](#)

Bleaching Alert Area and Outlook

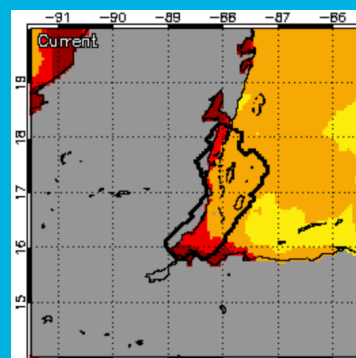
Caribbean Satellite Bleaching Alert Area and Outlook
2019-08-31



Caribbean Bleaching Outlook

Alert Level 2 conditions currently exist around Bermuda, Central Bahamas, and Cuba. Alert level 2 forecasted for the Windward and Leeward Islands except Grenada, S. Virgin Islands, and S. Puerto Rico in November.

[View all 5-km Regional Virtual Stations here](#)



[Belize experiencing Alert level 1 and 2 conditions](#)

[Click here for more information about the NOAA Coral Reef Watch methodology](#)

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