

Announcement

**HEAT STRESS UNLIKELY
TO AFFECT CORAL
REEFS IN THE
CARIBBEAN FROM
JANUARY THROUGH TO
APRIL DURING
NORTHERN
HEMISPHERE WINTER**



**REPORT CORAL
BLEACHING
OBSERVATIONS**



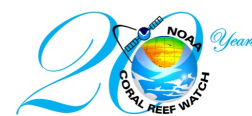
**CORAL RESEARCHERS
FIND LINK BETWEEN
BACTERIAL GENUS AND
DISEASE SUSCEPTIBILITY
IN CARIBBEAN STAGHORN**



**A MANAGER'S GUIDE TO
CORAL REEF RESTORATION
PLANNING AND DESIGN -
NOAA TECHNICAL
MEMORANDUM CRCP 36**

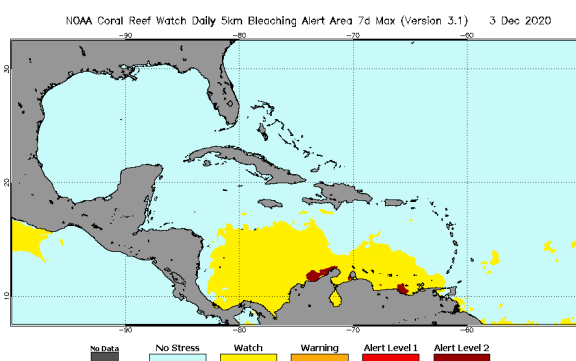


CARIBBEAN CORAL REEF WATCH



Notable Observations

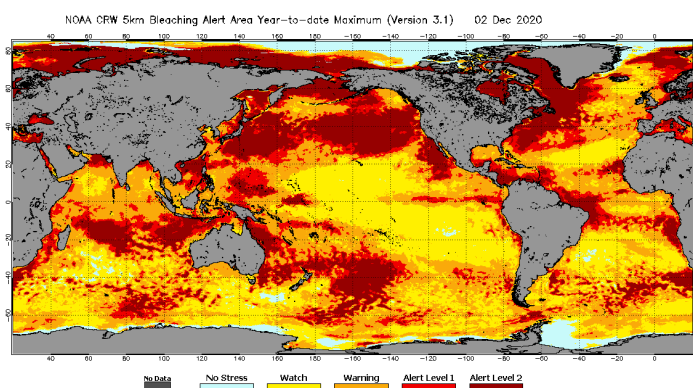
- Some coral reefs in the region suffered during the 2020 bleaching season. Widespread bleaching reported in Belize, and some in Barbados.
- There is now no thermal heat stress throughout most of the Caribbean, with the exception of the Southern Caribbean Sea in the region of the Leeward Antilles. This region is currently under low-level thermal stress at the Watch alert level.



[Click here to track current conditions](#)

Current Global Conditions

- The Coral Triangle (region surrounding the Maritime Continent in Southeast Asia) is heating up. Bleaching Alert Levels 1 and 2 expected in parts of that region in the next 1-2 months according to NOAA's Coral Reef Watch.
- Watches and Warnings beginning to occur in regions of the Southern Hemisphere. Beagle Gulf and Scott to Ashmore Reefs (Australia) under Alert Level 1. Eastern FSM (Micronesia) under Alert Level 2.

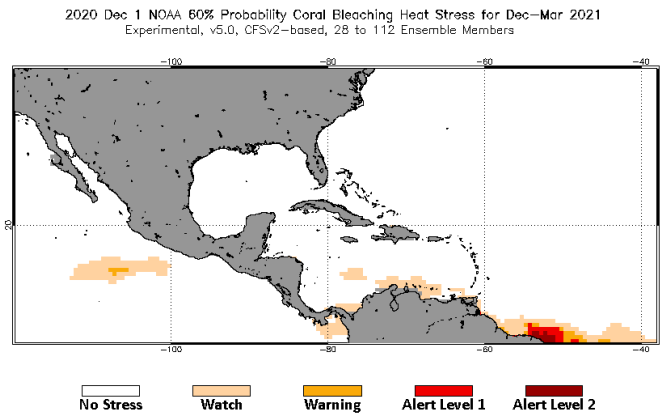


Alert Level Guide

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 2020)

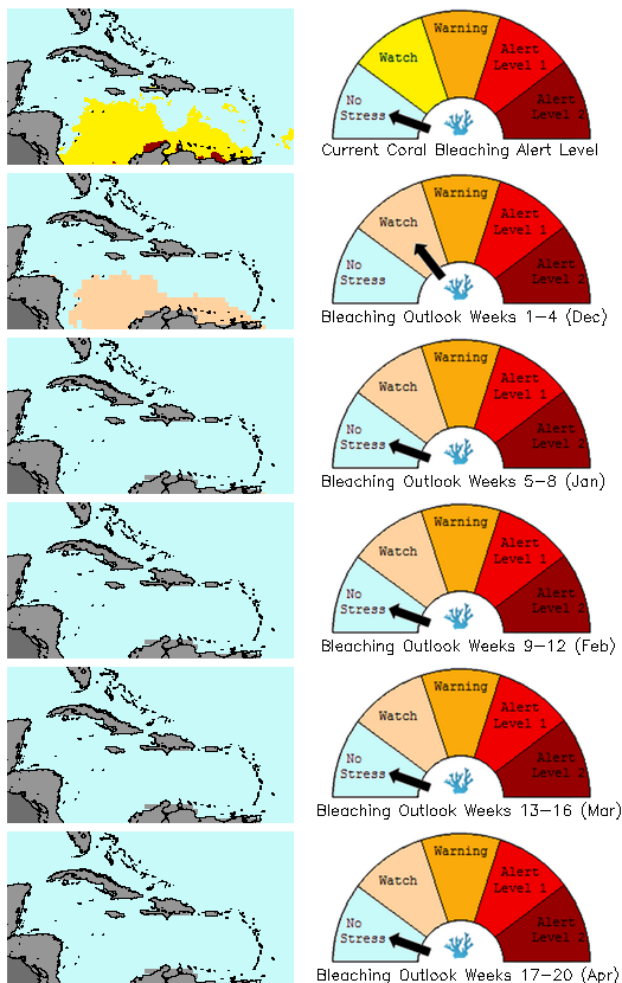
- 4-Month Outlook indicates that Coral Bleaching Heat Stress should not affect corals reefs from January through April.



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

Bleaching Alert Area and Outlook

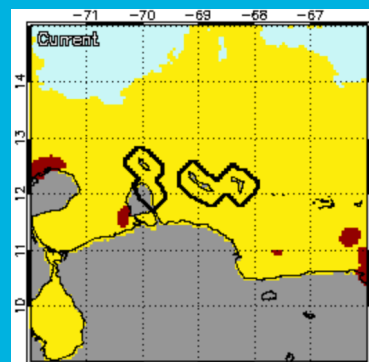
Caribbean Satellite Bleaching Alert Area and Outlook
2020-11-30



Caribbean Bleaching Outlook

Coral bleaching heat stress levels returned to no stress across most of the region with the exception of the Leeward Antilles where they are at Watch level, but are predicted to return to no stress across the entire Caribbean in 5-8 week, persisting through April.

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



[ABC Islands experiencing Watch level conditions](#)

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

For more information contact:

Adrian Trotman
atrotman@cimh.edu.bb

Courtney Forde
cforde@cimh.edu.bb

Shontelle Stoute
sstoute@cimh.edu.bb