

## Announcement

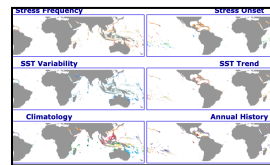
**HEAT STRESS  
WORSENING IN THE  
CARIBBEAN. ALERT  
LEVELS 1 AND 2  
EXPECTED FOR  
WINDWARD AND  
LEEWARD ISLANDS IN  
NOVEMBER.**



**REPORT CORAL  
BLEACHING  
OBSERVATIONS**



**ACTIONS TO SAVE CORAL  
REEFS COULD BENEFIT  
ALL ECOSYSTEMS**



**CORAL REEF WATCH (CRW)  
RELEASES VERSION 2.1  
THERMAL HISTORY  
PRODUCT SUITE.**

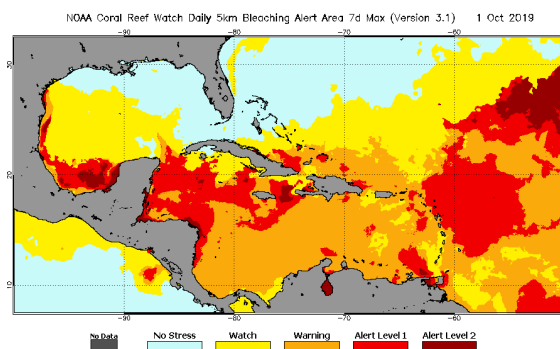


# CARIBBEAN CORAL REEF WATCH



## Notable Observations

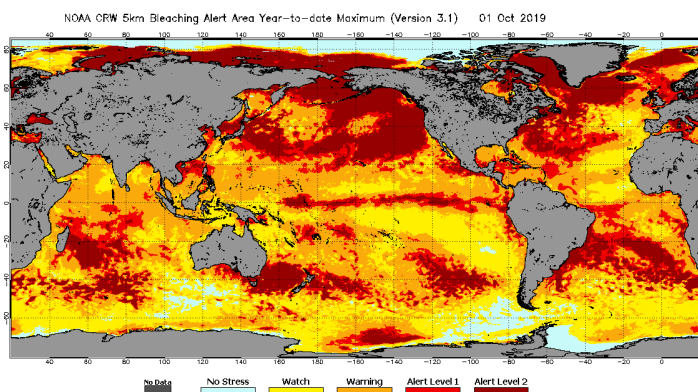
- ▶ Previous 4-month Coral Bleaching Outlook for the Caribbean realised with heat stress worsening. Alert level 1 issued for the Eastern Leeward islands and Eastern Jamaica. Belize experiencing Alert level 2 conditions.
- ▶ As of the end of August, Sea Surface Temps. were slightly above average in most other areas and the unusual warmth around the Windwards decreased. [Read more...](#)



[Click here to track current conditions](#)

## Current Global Conditions

- ▶ Bleaching watch and warning alerts issued in Cape Verde Is, and throughout the Pacific (especially Micronesia), Southeast Asia, and the Indian Ocean.
- ▶ Johnston Atoll (Pacific remote Is), Ogasawara Is., and Marshall Is. under Alert Level 1. Veracruz (Mexico), Yucatan Peninsula, NW and main Hawaiian Is., Kiribati, Nauru, and Hong Kong under Alert Level 2 conditions.

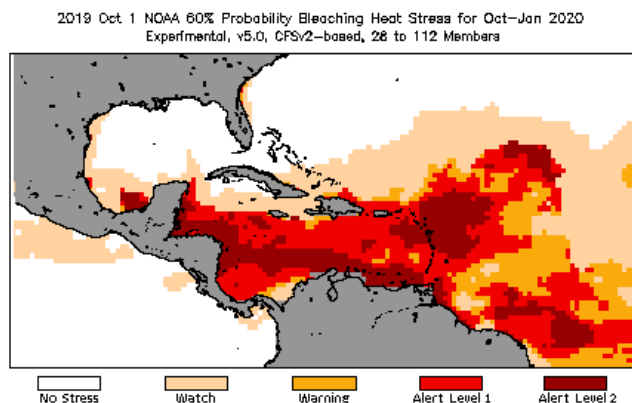


## Alert Level Guide

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 (October-January 2019)

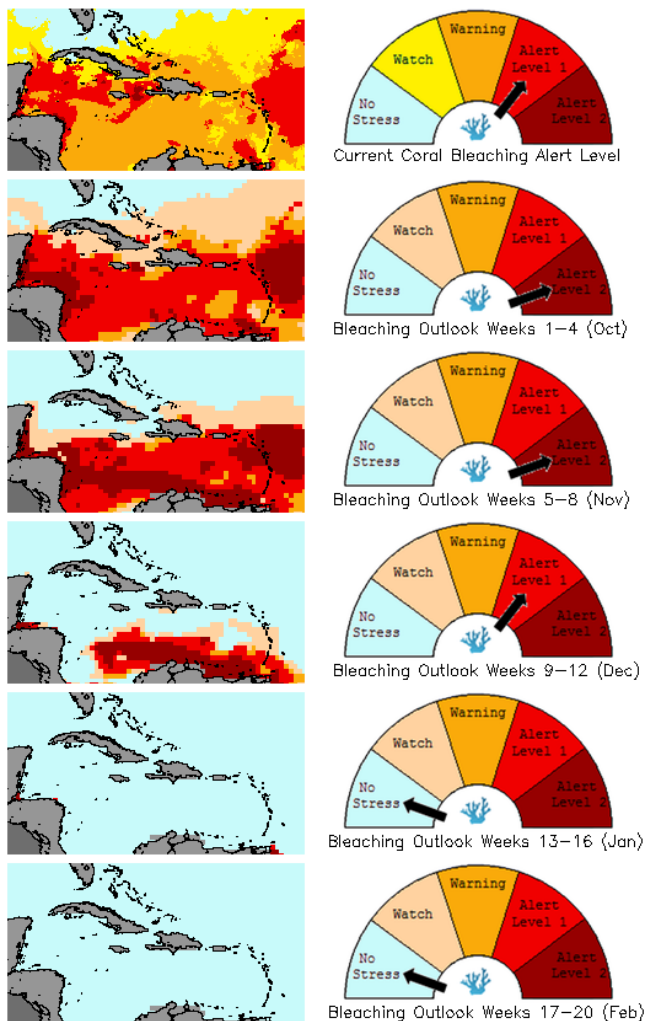
- 4-Month Outlook indicates that Coral Bleaching Heat Stress will be at Alert Level 2 during Oct and Nov.



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

## Bleaching Alert Area and Outlook

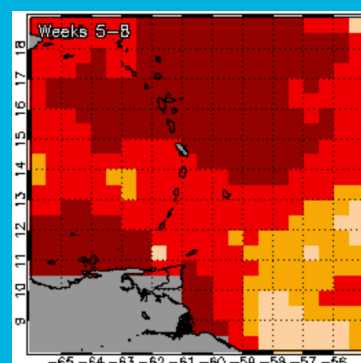
Caribbean Satellite Bleaching Alert Area and Outlook  
2019-09-30



## Caribbean Bleaching Outlook

**Alert Level 1 and/or 2 conditions currently exist around Cuba, S. Hispaniola, Puerto Rico, Belize, Lesser Antilles, and Leeward Antilles. Alert level 2 forecasted for the Leeward Islands, with the exception of Dominica, in November.**

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



**Windward and Leeward Is. predicted to experience Alert levels 1 and 2 conditions in Nov.**

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

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