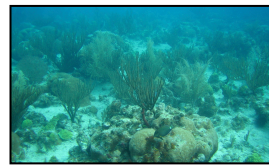


## Announcement

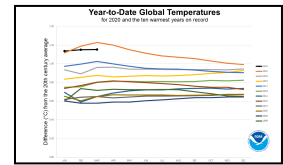
**HEAT STRESS  
CONDITIONS ARE  
PREDICTED TO BE AT  
BLEACHING LEVELS IN  
THE CARIBBEAN FROM  
APPROXIMATELY  
SEPTEMBER TO  
DECEMBER.**



**REPORT CORAL  
BLEACHING  
OBSERVATIONS**



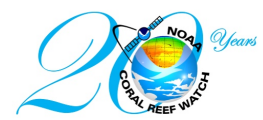
**CARIBBEAN CORAL REEF  
DECLINE BEGAN IN 1950S  
AND 1960S FROM LOCAL  
HUMAN ACTIVITIES**



**GLOBAL CLIMATE REPORT -  
MARCH 2020: 2020 YEAR-TO-  
DATE TEMPERATURES  
VERSUS PREVIOUS YEARS**

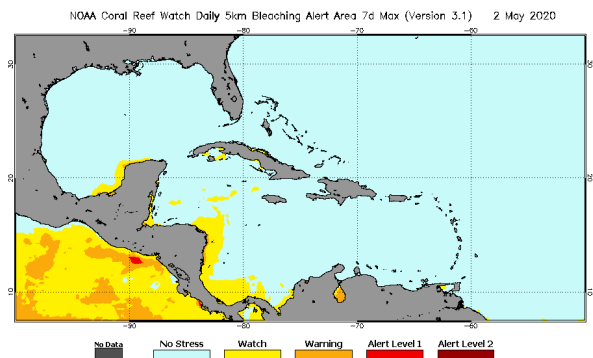


# CARIBBEAN CORAL REEF WATCH



## Notable Observations

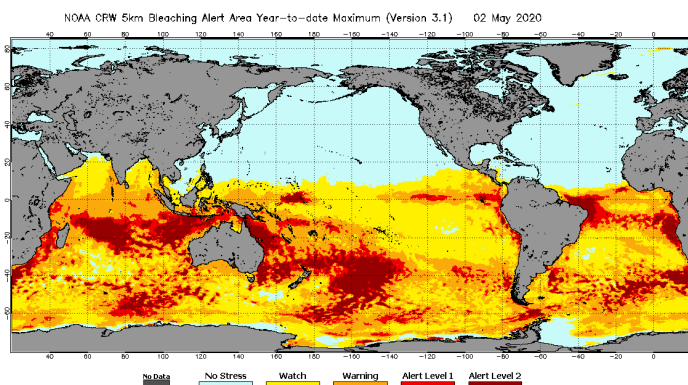
- ▶ Heat stress increases in the SW Caribbean due to warming as N. Hemisphere summer approaches.
- ▶ Trinidad and Tobago will be under bleaching watch in 5-8 weeks.
- ▶ Every month of 2020 among the two warmest months on record and NOAA estimates 75% chance 2020 will be the warmest year on record. This brings significant risk of widespread to global bleaching in 2020.



[Click here to track current conditions](#)

## Current Global Conditions

- ▶ Bleaching watch and warning alerts issued in the Yucatan Peninsula and throughout Southern Hemisphere. Bleaching reported in Australia.
- ▶ W. Sumatra, S. Borneo, S. Sulawesi, parts of Australia, Polynesia, and India, Somalia, and Glorioso Is. in the Indian Ocean under Alert Level 1. Brazil, Costa Rica, Galapagos S. Java, E. Java and Bali, W. Nusa Tenggara in Coral Triangle, Christmas Is. and Houtman Abrolhos in Australia, and Seychelles under Alert Level 2.



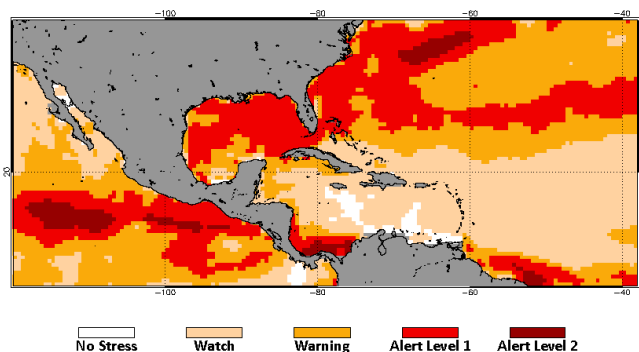
## Alert Level Guide

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 (May-August 2020)

- 4-Month Outlook indicates that Coral Bleaching Heat Stress will be at Alert Level 1 from September.

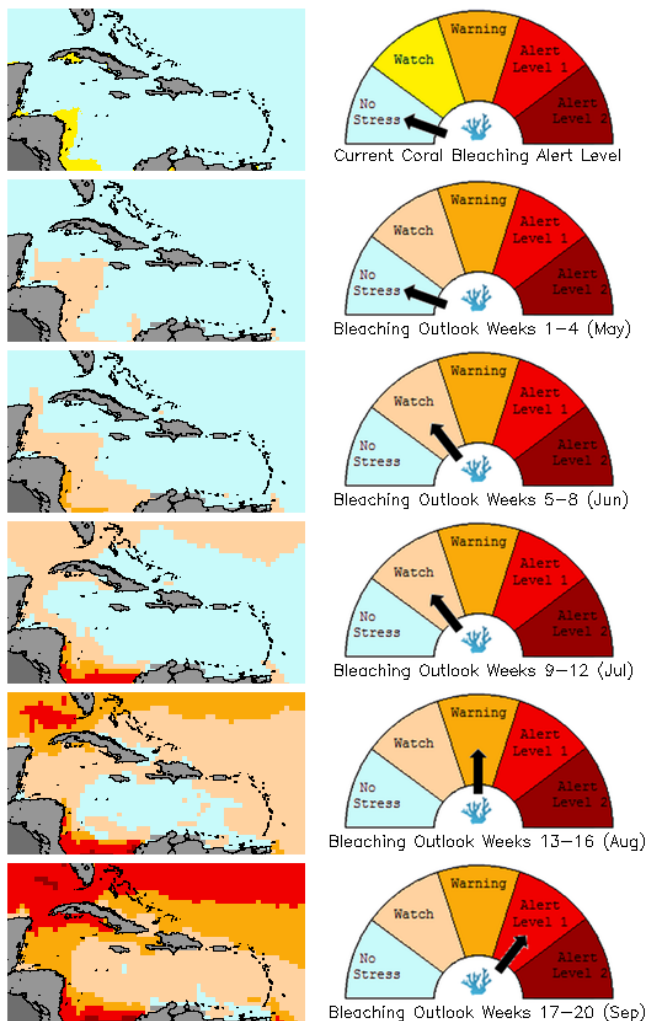
2020 Apr 28 NOAA 60% Probability Coral Bleaching Heat Stress for May-Aug 2020  
Experimental, v5.0, CFSv2-based, 28 to 112 Ensemble Members



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

## Bleaching Alert Area and Outlook

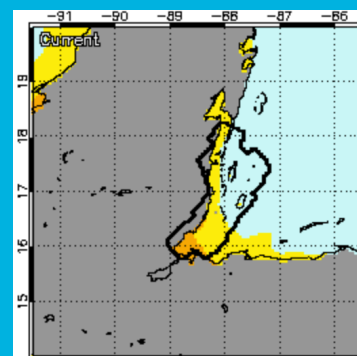
Caribbean Satellite Bleaching Alert Area and Outlook  
2020-04-30



## Caribbean Bleaching Outlook

The bleaching alert and outlook for the Caribbean is forecast to evolve from no stress for the next 4 weeks, to a watch in weeks 5-8, to a warning in weeks 13-16 and finally to alert level 1 in week 17, remaining there until week 20.

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



[Belize currently under a coral bleaching watch](#)

[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