

## Announcement

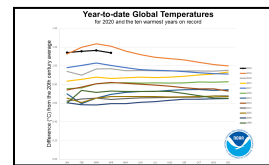
**HEAT STRESS  
ACCUMULATING  
EARLIER THAN  
OBSERVED IN 2019.  
CORAL BLEACHING  
CONDITIONS EXPECTED  
FROM SEPTEMBER TO  
DECEMBER**



**REPORT CORAL  
BLEACHING  
OBSERVATIONS**



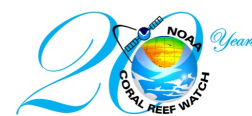
**LARGE 'HERBIVORES OF  
THE SEA' HELP KEEP  
CORAL REEFS HEALTHY**



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

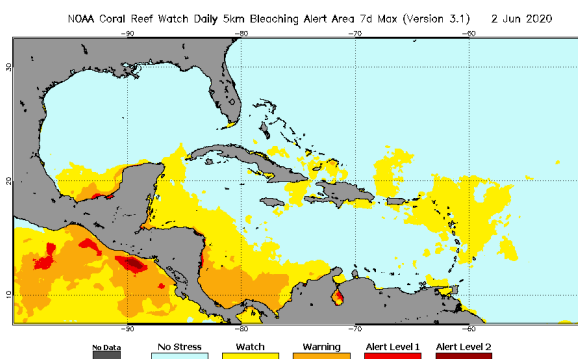


# CARIBBEAN CORAL REEF WATCH



## Notable Observations

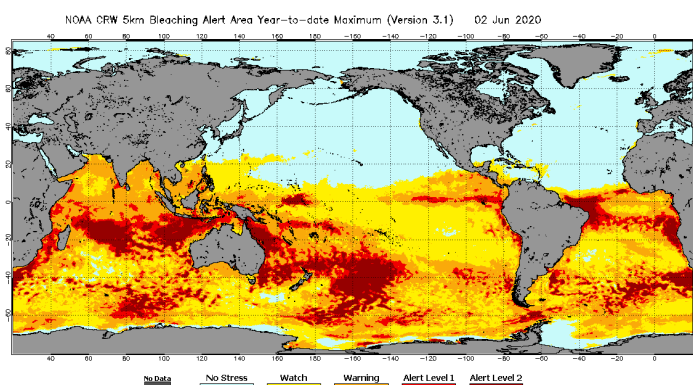
- ▶ Heat stress more widespread and intense at this point of the year compared to 2019.
- ▶ Heat stress is accumulating in the Western Caribbean region resulting in bleaching warning alerts.
- ▶ The significant risk of widespread to global bleaching in 2020 remains as the trend of monthly temperatures being in the top two warmest ever recorded, continues.



[Click here to track current conditions](#)

## Current Global Conditions

- ▶ Bleaching watch and warning alerts issued in the Mexico and throughout Southern Hemisphere. Despite a few areas where watch alert level exists, Australia no longer under heat stress.
- ▶ S. Vietnam, W. Gulf of Thailand, Spratly Is., E. And W. Kalimantan, Philippines, Sabah (Malaysia), and E. Yemen under Alert Level 1. N. Myanmar, S. Java, Al Wusta (Oman), and W. India under Alert Level 2.

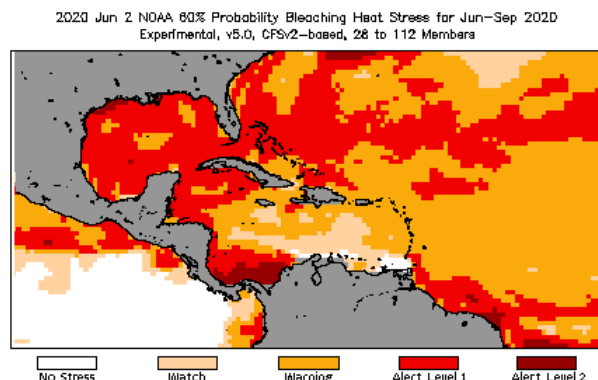


## Alert Level Guide

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 (June-September 2020)

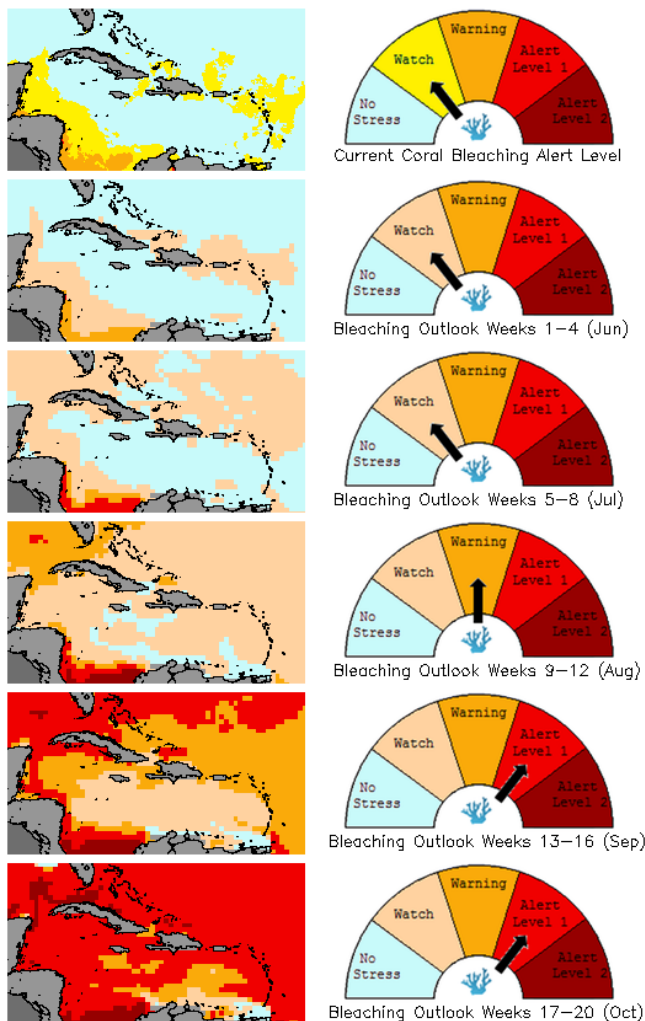
- 4-Month Outlook indicates that Coral Bleaching Heat Stress for much of the Caribbean will be at Alert Level 1 from September.



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

## Bleaching Alert Area and Outlook

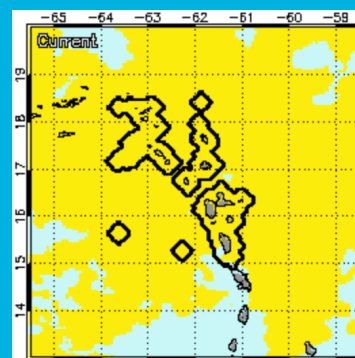
Caribbean Satellite Bleaching Alert Area and Outlook  
2020-05-31



## Caribbean Bleaching Outlook

The bleaching alert and outlook for the Caribbean is currently at watch level and is forecasted to remain there for the next 8 weeks, then evolve to a warning in weeks 9-12 and finally to alert level 1 in week 13, remaining there until week 20.

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



Leeward Islands currently under a coral bleaching watch alert.

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

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