

## Announcement

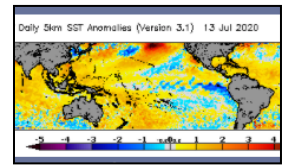
**HEAT STRESS  
CONTINUES TO  
ACCUMULATE IN THE  
REGION. CORAL  
BLEACHING  
CONDITIONS EXPECTED  
FROM SEPTEMBER TO  
DECEMBER**



**REPORT CORAL  
BLEACHING  
OBSERVATIONS**



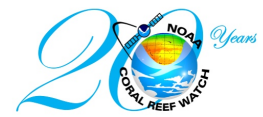
**LARGE 'HERBIVORES OF  
THE SEA' HELP KEEP  
CORAL REEFS HEALTHY**



**NEW RELEASE: 5KM  
METHODOLOGY WEB PAGE,  
DETAILING THE PRODUCTS,  
CLIMATOLOGIES,  
COMPOSITES, ANIMATIONS,**

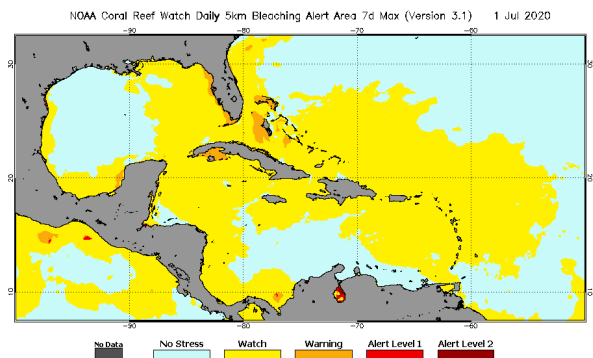


# CARIBBEAN CORAL REEF WATCH



## Notable Observations

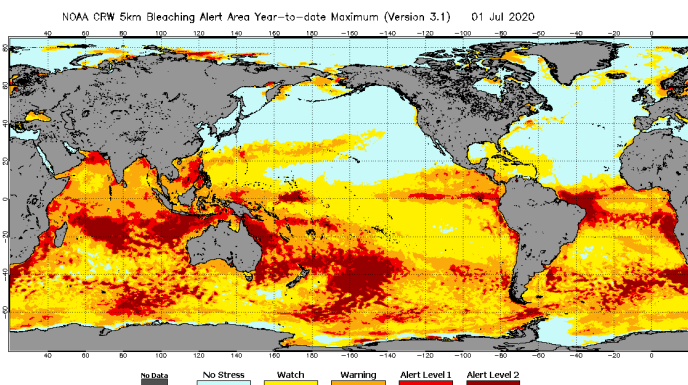
- ▶ Bleaching watch alert level conditions currently exist across the region.
- ▶ Increased heat stress resulted in warning alerts issued for the Bahamas, Turks & Caicos, Cuba, and Belize.
- ▶ January-June global land and ocean surface temperature was  $+1.07^{\circ}\text{C}$  above average—the second-warmest such period on record, leading to widespread coral bleaching in a non-El Niño year. [Read](#)



[Click here to track current conditions](#)

## Current Global Conditions

- ▶ Monthly global temperatures continue to be in the top two warmest ever recorded, as northern hemisphere summer gets into full swing. [Read more](#)
- ▶ Taiwan, China, N. Vietnam, E. Philippines, and Gulf of Oman under Alert Level 1. Hainan Is. (China), Philippines (N., Central, W.), Al Wusta (Oman), Gulf of Kutch (India) and W. India under Alert Level 2.

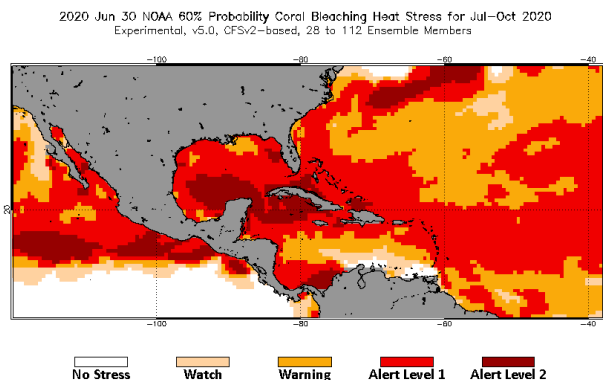


## Alert Level Guide

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

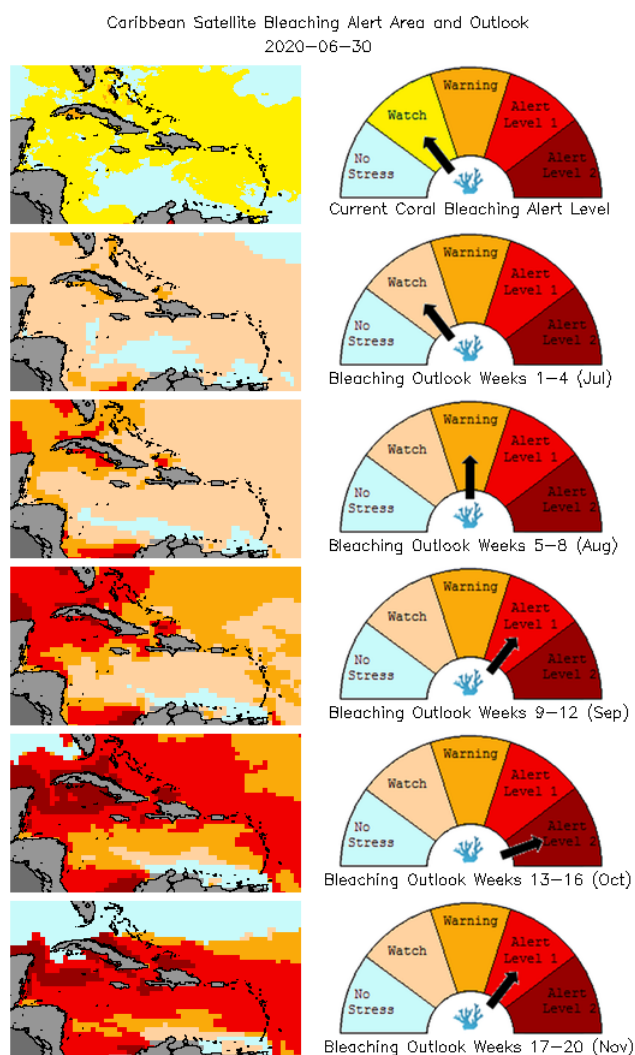
## Current Outlook (July-October 2020)

- 4-Month Outlook indicates that Coral Bleaching Heat Stress for much of the Caribbean will be at Alert Level 2 in October.



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

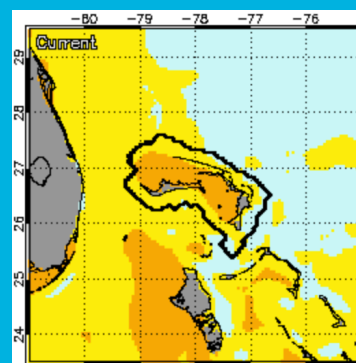
## Bleaching Alert Area and Outlook



## Caribbean Bleaching Outlook

The bleaching outlook suggest that parts of Bahamas, Cuba, Hispaniola, and Belize will be under alert level 1 in weeks 9-12, evolving to alert level 2 in week 13. Most of Lesser Antilles expected to be under alert level 1 in week 13.

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



Northern Bahamas currently under a coral bleaching warning alert.

[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