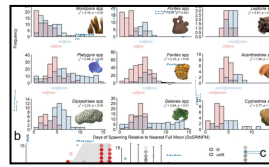


Announcement

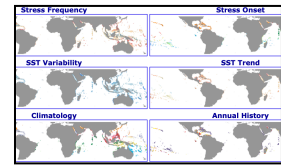
**SIGNIFICANT WARMING
THROUGHOUT THE
REGION WITH EL NIÑO
PRESENT AND EXPECTED
TO STRENGTHEN.
WIDESPREAD
BLEACHING PREDICTED
FOR THE 2023 SEASON.**



REPORT CORAL BLEACHING OBSERVATIONS



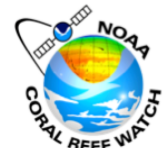
GLOBAL DISRUPTION OF CORAL BROADCAST SPAWNING ASSOCIATED WITH ARTIFICIAL LIGHT AT NIGHT



NOAA CORAL REEF WATCH RELEASES ITS VERSION 3.3 THERMAL HISTORY PRODUCT SUITE, SPANNING 1985-2022.

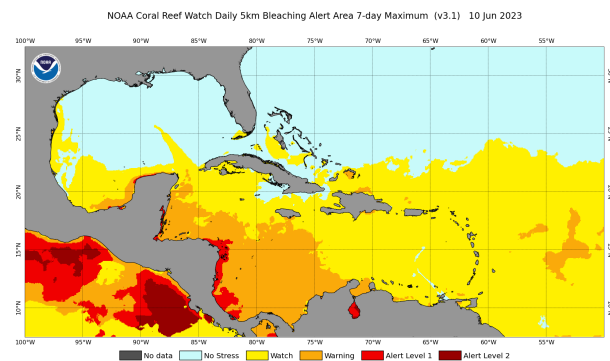


CARIBBEAN CORAL REEF WATCH



Notable Observations

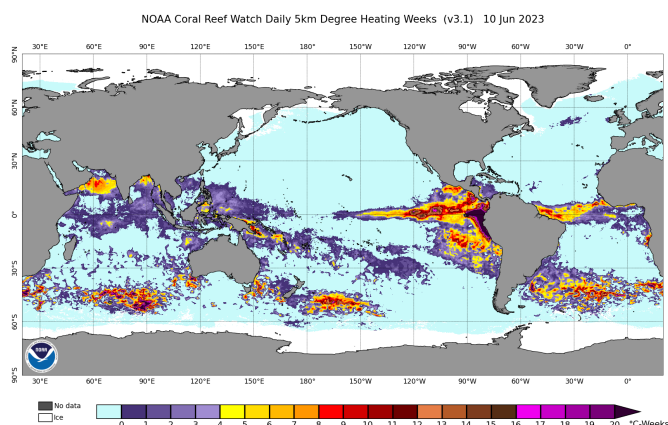
- ▶ Notably warmer conditions throughout the Caribbean compared to this period in 2022. Entire region under coral bleaching watch or warning.
- ▶ ENSO Alert System Status: **El Niño Advisory!** El Niño conditions are present and are expected to gradually strengthen into the Northern Hemisphere winter 2023-24. [Read more...](#)



[Click here to track current conditions](#)

Current Global Conditions

- ▶ Bleaching Watch and Warning alerts issued throughout Southeast Asia, the equatorial Pacific, equatorial and northern Indian Oceans, and the equatorial Atlantic.
- ▶ Panama Atlantic West, Costa Rica Atlantic, Panama Pacific West, W. Papua, S. Myanmar, Sabah (Malaysia), E. Kalimantan, Al Wusta and Dhofar (Oman), E. Yemen, and W. India under Alert Level 1. Costa Rica (Pacific), Galapagos (Ecuador), and N. Myanmar under Alert Level 2.



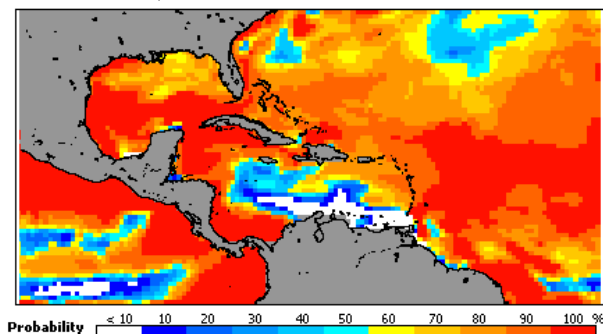
Alert Level Guide

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 2023)

- 4-Month Outlook indicates that there is high probability Coral Bleaching Heat Stress will reach and exceed Alert Levels 1 and 2 for most of the Caribbean.

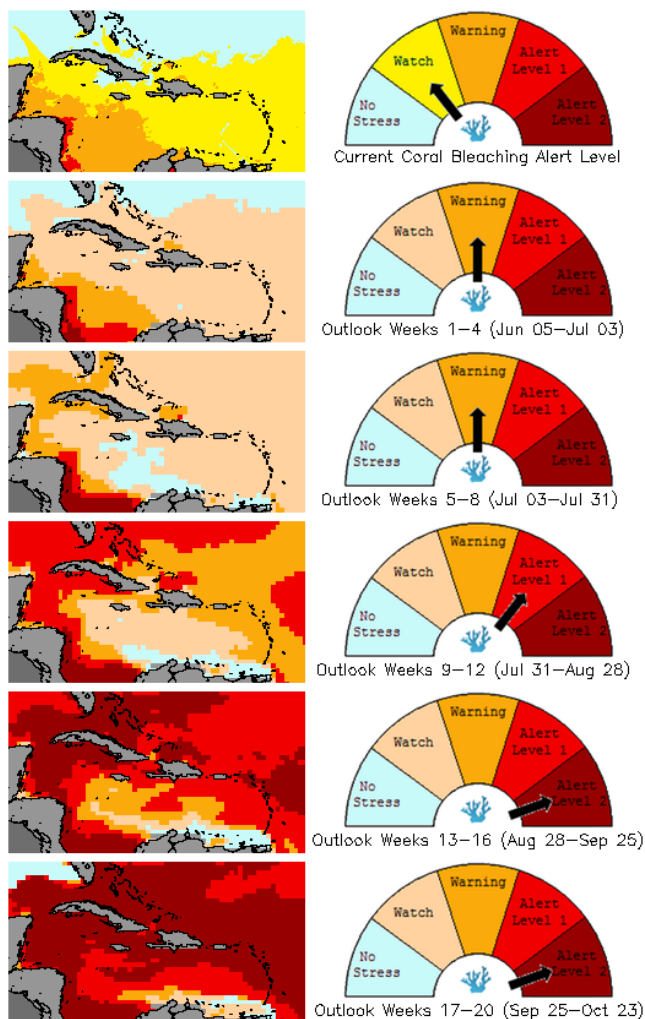
2023 Jun 8 NOAA Coral Bleaching Probabilities (Alert 1 & 2) for Jun-Sep 2023
Experimental, v5.0, CFSv2-based, 26 to 112 Members



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

Bleaching Alert Area and Outlook

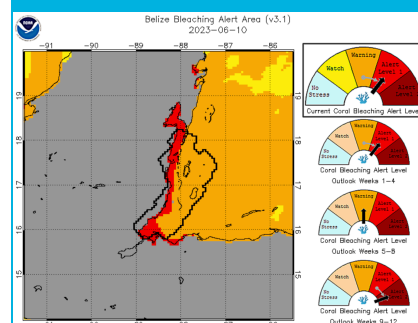
Caribbean Satellite Bleaching Alert Area and Outlook
2023-06-10



Caribbean Bleaching Outlook

The near real-time satellite Bleaching Alert Area and modelled Four-Month Outlook for the Caribbean both indicate extensive Alert Levels 1 and 2 conditions could be expected throughout the region, from mid-Aug. to late Sep., potentially persisting for multiple weeks into October.

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



[Belize currently under coral bleaching Alert Level 1 conditions](#)

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

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