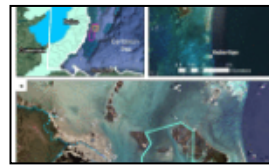


Announcement

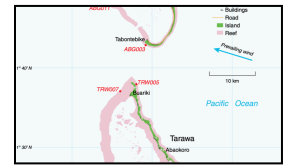
**PEAK HEAT STRESS
PREDICTED IN THE
COMING MONTHS FOR
THE WINDWARD
ISLANDS AND TRINIDAD
AND TOBAGO. ALERT
LEVEL 1 CONDITIONS
FORECASTED.**



**REPORT CORAL
BLEACHING
OBSERVATIONS**



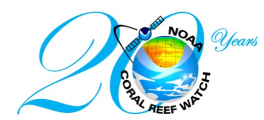
**WHAT'S KILLING CORAL
REEFS IN FLORIDA IS ALSO
KILLING THEM IN BELIZE**



**CORAL REEFS IN THE
GILBERT ISLANDS OF
KIRIBATI: RESISTANCE,
RESILIENCE, AND
RECOVERY...**



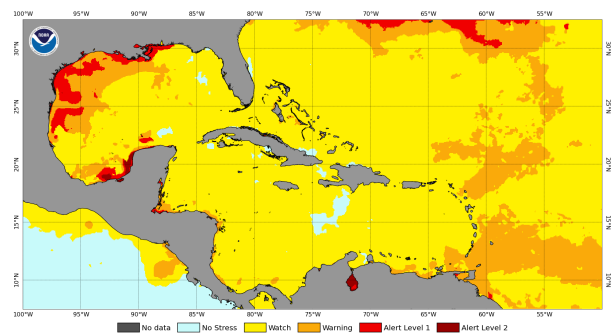
CARIBBEAN CORAL REEF WATCH



Notable Observations

- ▶ The waters throughout the region are at watch alert level, with those around the Windward islands at warning level. Belize currently under alert level 1 conditions.
- ▶ The average global land and ocean surface temperature for Jan–Aug 2021 was 0.82°C (1.48°F) above the 20th century average of 14.0°C (57.3°F), the sixth warmest such period on record. [Read more](#)

NOAA Coral Reef Watch Daily 5km Bleaching Alert Area 7-day Maximum (v3.1) 1 Sep 2021



[Click here to track current conditions](#)

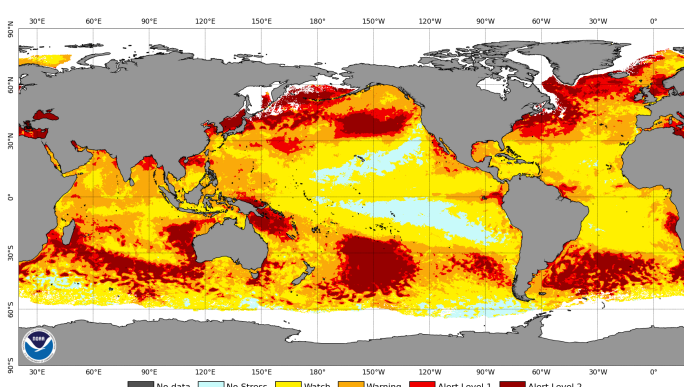
Current Global Conditions

- ▶ Bleaching watch and warning alerts persist mainly throughout Southeast Asia, with some in the Pacific.
- ▶ Bermuda, Florida Keys, Gulf of Mexico, S. Taiwan, E. Persian Gulf, Eritrea, Jazan, Al Madinah and Makkah, and Egypt under Alert Level 1. Hainan Is. and Hong Kong, Dongsha, N. Vietnam, W. Persian Gulf, Bahrain, Tabuk, and Gulf of Suez under Alert Level 2.

Alert Level Guide

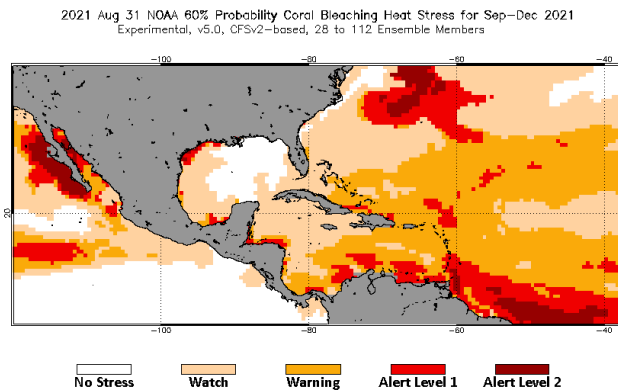
Alert Level	Interpretation
No Stress	No Thermal Stress
Watch	Low-level thermal stress
Warning	Thermal stress is accumulating
Alert level 1	Bleaching expected
Alert level 2	Widespread bleaching and some mortality expected

NOAA Coral Reef Watch 5km Bleaching Alert Area Year-to-date Maximum (v3.1) 1 Sep 2021



Current Outlook (September-December 2021)

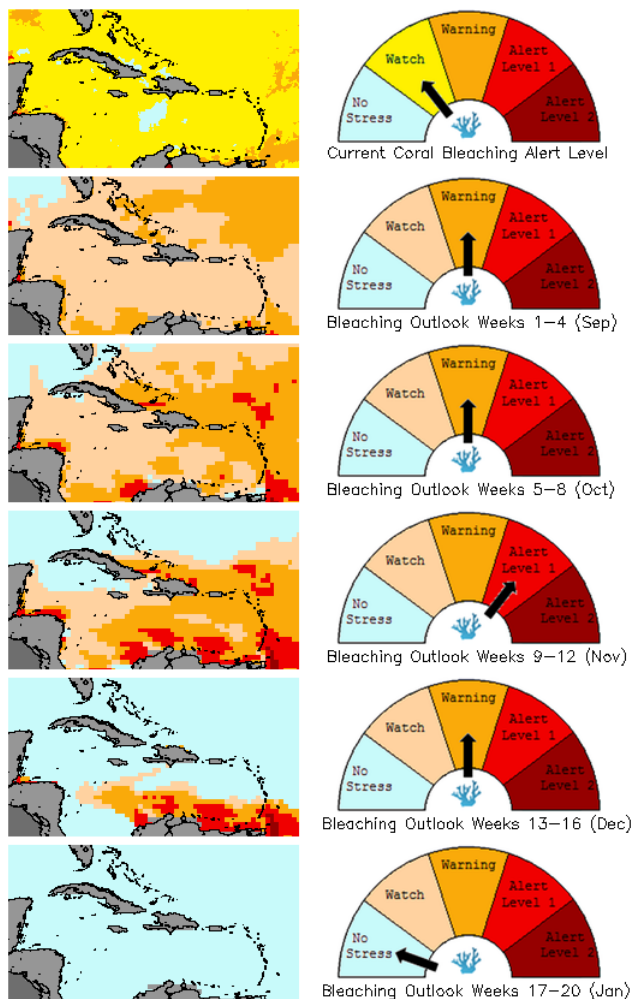
- 4-Month Outlook predicts the highest heat stress in the southeastern Caribbean basin from Oct to Dec.



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

Bleaching Alert Area and Outlook

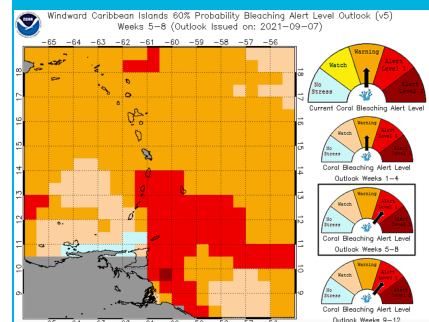
Caribbean Satellite Bleaching Alert Area and Outlook
2021-08-31



Caribbean Bleaching Outlook

The bleaching alert outlook for the Caribbean forecasts St. Lucia, St. Vincent and the Grenadines, Barbados and Tobago to be under alert level 1 conditions in Nov., persisting into Dec. Belize predicted to experience alert level 1 conditions for the next 8 weeks.

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



[SVG, SLU, BRB and Tobago predicted to be at Alert level 1 in Oct](#)

[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