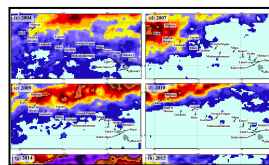


Announcement

**BLEACHING ALERT
LEVEL 2 ISSUED FOR
THE CARIBBEAN IN 1-4
WEEKS. SEVERE
BLEACHING UNDERWAY
IN BELIZE. SOME
COOLING IN THE
NORTHERN CARIBBEAN**



**REPORT CORAL
BLEACHING
OBSERVATIONS**



**NEW PAPER: MASS CORAL
BLEACHING DUE TO
UNPRECEDENTED MARINE
HEATWAVE IN
PAPAHĀNAUMOKUĀKEA**



**NOAA CORAL REEF WATCH
(CRW) RELEASES
ENHANCED THERMAL
HISTORY PRODUCT SUITE!**

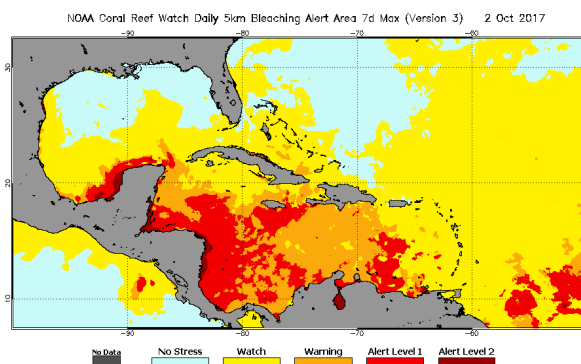


CARIBBEAN CORAL REEF WATCH



Notable Observations

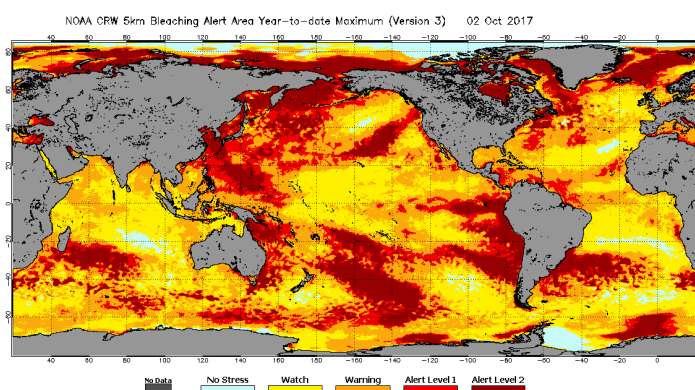
- ▶ Increasing SSTs in the Caribbean sea. Severe bleaching reported in Sapodilla Cays Marine Reserve, Belize, with that region under Alert Level 2.
- ▶ Bleaching warnings issued for NE Cuba and Cayman. Alert Level 1 and 2 issued for entire Central America, Mexico (Quintana Roo), ABC islands, Colombia, Venezuela, Jamaica, and Southern Hispaniola.
- ▶ Most of Caribbean under watch. Some cooling observed in the N. Caribbean and north-western Atlantic as a result of hurricane activity in those areas.



[Click here to track current conditions](#)

Current Global Conditions

- ▶ Majority of East Asia under Alert Level 1 and 2 except Parcel Is., N. Taiwan, S. Vietnam and N. Ryukyu Is.
- ▶ Large percentage of Micronesian islands under Alert Level 2 and expected to remain so into November.
- ▶ Northern Philippines, Northern Hawaiian Islands, and Cape Verde Islands all under Alert Level 1..



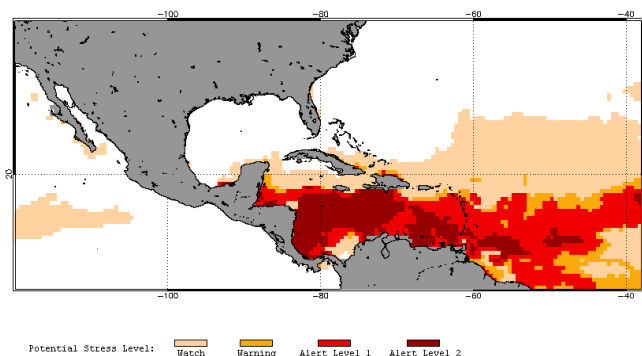
Alert Level Guide

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 (Oct 2017-Jan 2018)

- 4-Month Outlook indicates that Bleaching Thermal Stress will be at Alert Level 2 in 1-4 weeks (Oct).

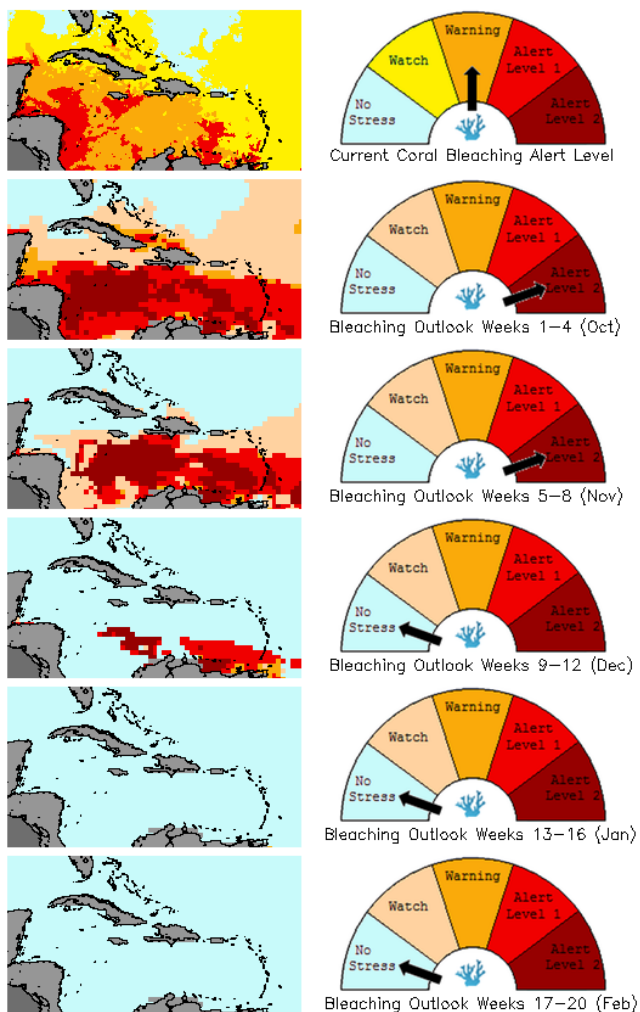
2017 Oct 3 NOAA 60% Probability Coral Bleaching Thermal Stress for Oct–Jan 2018
Experimental, v4.0, CFSv2–based, 28 to 112 Ensemble Members



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

Bleaching Alert Area and Outlook

Caribbean Satellite Bleaching Alert Area and Outlook
2017–09–30

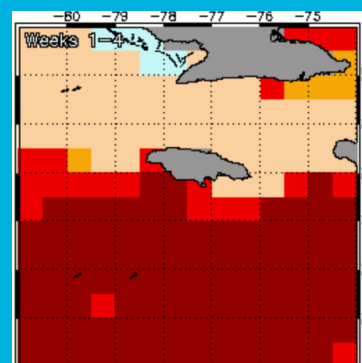


Caribbean Bleaching Outlook

A bleaching Alert Level 2 has been issued for the Caribbean in 1–4 weeks.

Coral Bleaching Alerts popping up across the Caribbean despite cool water brought up by devastating hurricanes.

5-km Regional Virtual Stations



[Alert level 2 issued for Jamaica in 1–4 weeks \(October\)](#)

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

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