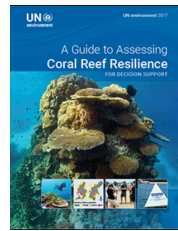


Announcement

**BLEACHING ALERT
LEVEL 1 ISSUED FOR
THE CARIBBEAN IN 1-4
WEEKS. WORST
BLEACHING EVENT IN
HONDURAS. COOLING
IN WESTERN
CARIBBEAN**



**REPORT CORAL
BLEACHING
OBSERVATIONS**



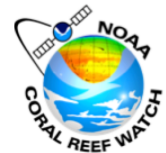
**A GUIDE TO ASSESSING
CORAL REEF RESILIENCE**



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

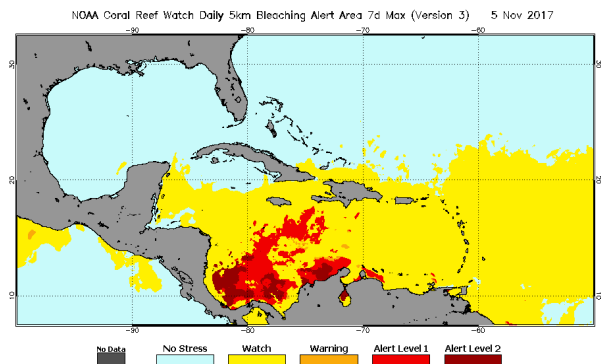


CARIBBEAN CORAL REEF WATCH



Notable Observations

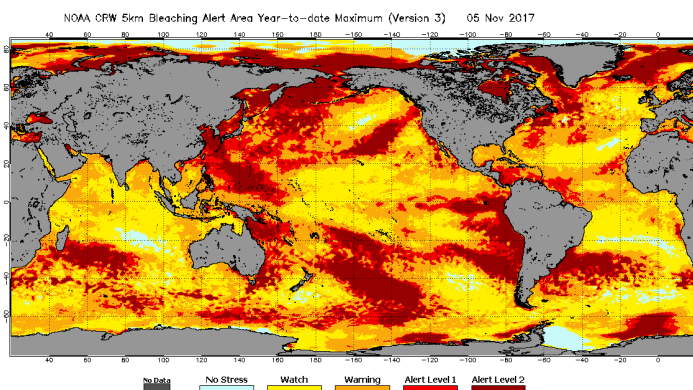
- ▶ There is cooling in the Western Caribbean but Eastern, and especially Southern Caribbean still warming. Expected to continue through November.
- ▶ Worst coral bleaching event ever, ongoing in Honduras.
- ▶ Bleaching Alert Level 2 issued for ABC islands, Panama, and Colombia. Remainder of the Caribbean under bleaching watch.



[Click here to track current conditions](#)

Current Global Conditions

- ▶ Guam experienced its worst bleaching event in 5 years with severe and widespread bleaching for the 4th time in 5 years
- ▶ Bleaching Alert Level 2 issued for E. FSM (Micronesia).
- ▶ West Papua, N. Java, and some of the Coral Triangle under bleaching warnings.



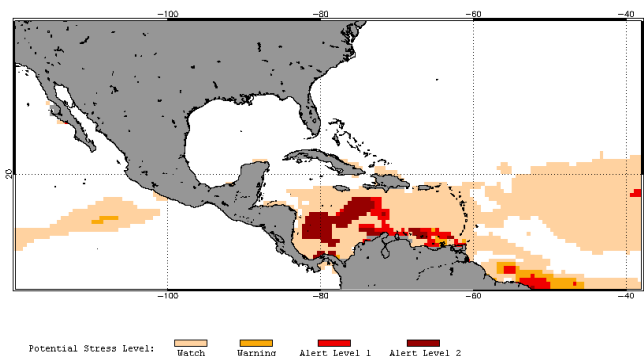
Alert Level Guide

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 (Nov 2017-Feb 2018)

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

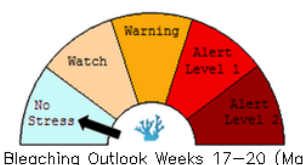
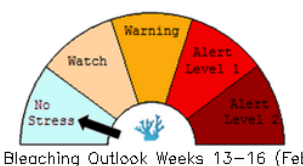
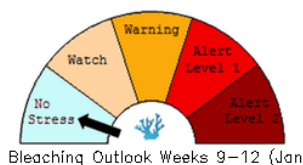
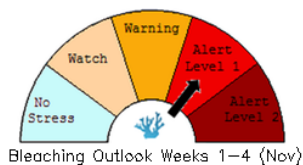
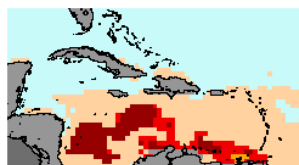
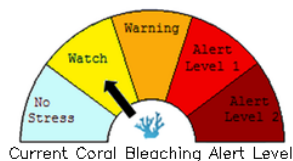
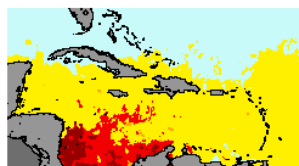
2017 Oct 31 NOAA 60% Probability Coral Bleaching Thermal Stress for Nov-Feb 2018
Experimental, v4.0, CFSv2-based, 28 to 112 Ensemble Members



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

Bleaching Alert Area and Outlook

Caribbean Satellite Bleaching Alert Area and Outlook
2017-10-31

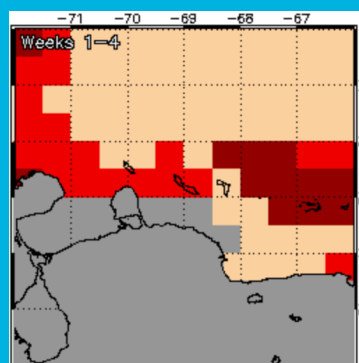


Caribbean Bleaching Outlook

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

Warm SSTs in the Southern Caribbean Sea keeps the Caribbean at Alert Level 1 through November despite some cooling, as season draws to a close.

5-km Regional Virtual Stations



Alert level 2 issued for ABC Islands in 1-4 weeks (November)

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

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