

Announcement

THERMAL STRESS CONDITIONS ARE ACCUMULATING IN THE EASTERN CARIBBEAN WITH BLEACHING ALERT LEVELS 2 PREDICTED IN 1- 4 WEEKS.



REPORT CORAL BLEACHING OBSERVATIONS
([CLICK HERE](#))



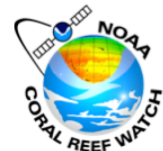
HEADLINE IMPACTS IN THE CARIBBEAN
([CLICK HERE](#))



CRW LAUNCHES NEW 5-KM SATELLITE BLEACHING ALERT EMAIL SYSTEM
([CLICK HERE](#))

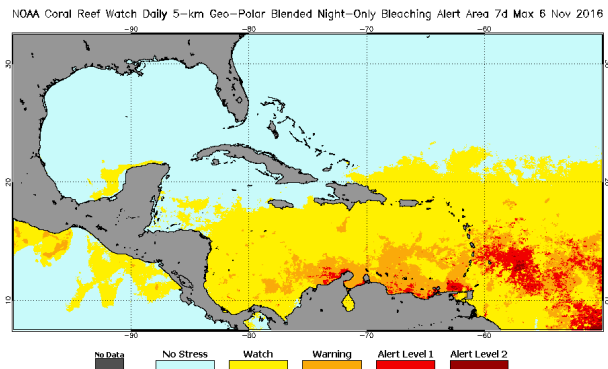


CARIBBEAN CORAL REEF WATCH



Notable Observations

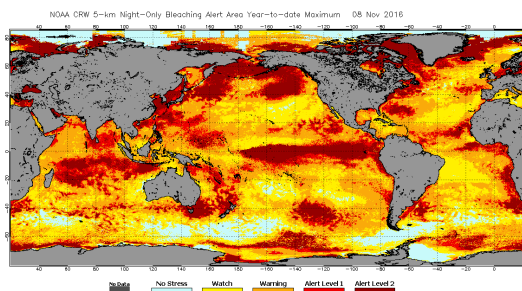
- ▶ Sea surface temperature (SST) persisted at slightly below average conditions across much of the east-central equatorial Pacific. ENSO-neutral conditions are now slightly favored during the Northern Hemisphere autumn and winter 2016-17 . [Read more.....](#)
- ▶ Warm SSTs observed in the Caribbean. Minor bleaching reported in Saba, Barbados, and Bonaire.
- ▶ Bleaching Alert level 1 issued for the Windwards Islands. Bleaching warnings in T&T and the ABC Islands. Watches in Hispaniola, PR, Virgin Isl., and Leeward Islands.



[Click here to track current conditions](#)

Current Global Conditions

- ▶ Severe bleaching reported in the Gulf of Mexico at East Flower Garden Bank within Flower Garden Banks National Marine Sanctuary in Galveston, Texas.
- ▶ Severe bleaching seen in Japan's Ryukyu islands, thermal stress intensifying in eastern Micronesia and Marshall Islands.



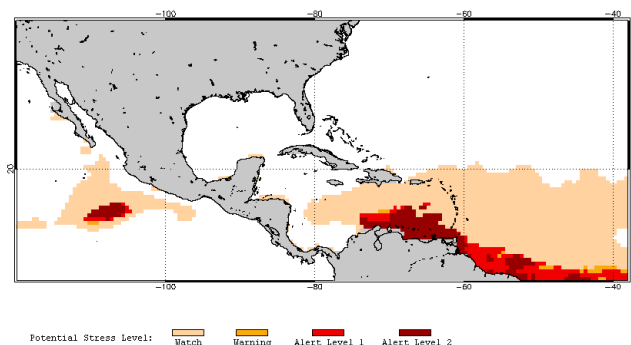
Alert Level Guide

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 2016-Feb 2017)

- 4-Month Outlook indicates some bleaching may occur in eastern Caribbean before the end of the year.

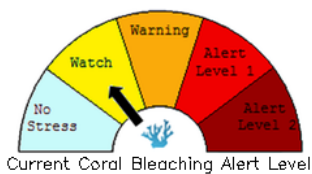
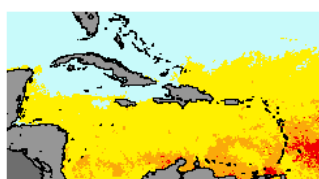
2016 Nov 8 NOAA 60% Probability Coral Bleaching Thermal Stress for Nov–Feb 2017
Experimental, v3.0, CFSv2-based, 26-member Ensemble Forecast



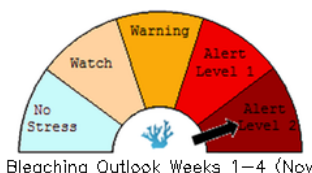
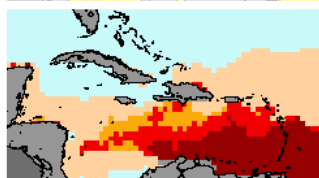
[Click here to track the 4-month bleaching outlook](#)

Bleaching Alert Area and Outlook

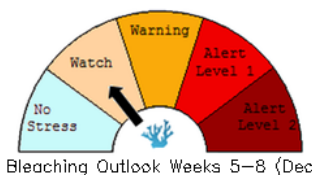
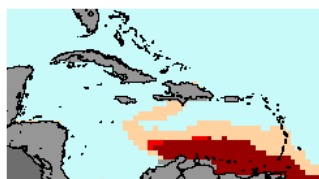
Caribbean Satellite Bleaching Alert Area and Outlook
2016–10–31



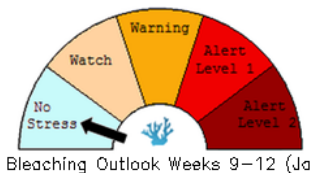
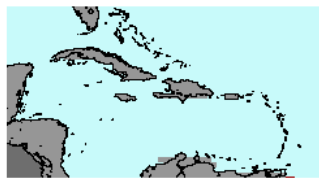
Current Coral Bleaching Alert Level



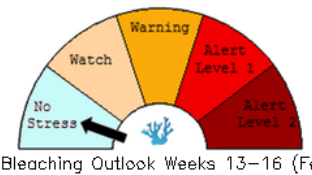
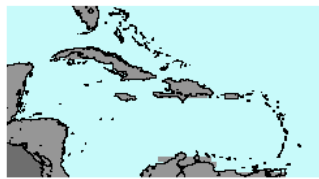
Bleaching Outlook Weeks 1–4 (Nov)



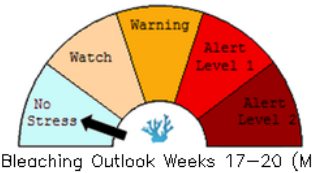
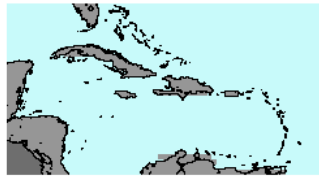
Bleaching Outlook Weeks 5–8 (Dec)



Bleaching Outlook Weeks 9–12 (Jan)



Bleaching Outlook Weeks 13–16 (Feb)



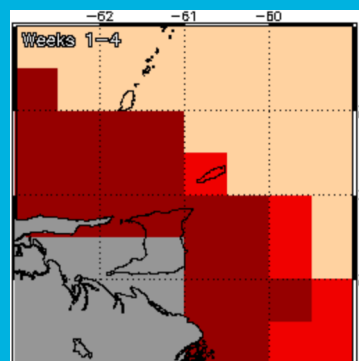
Bleaching Outlook Weeks 17–20 (Mar)

Caribbean Bleaching Outlook

A bleaching Alert Level 2 is predicted for the eastern Caribbean in 1–4 weeks.

Thermal stress conditions are predicted to return to below bleaching levels in 9–12 weeks (Jan).

5-km Regional Virtual Stations



[Bleaching Alert Level 1-2 for Trinidad and Tobago in 1–4 weeks.](#)

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

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