

## Announcement

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



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



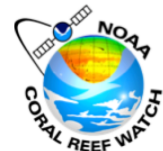
**HEADLINE IMPACTS IN THE CARIBBEAN**  
([CLICK HERE](#))



**NEW PUBLICATION ON THE CUMULATIVE EFFECTS OF NUTRIENT ENRICHMENT & ELEVATED TEMPERATURE**  
([CLICK HERE](#))

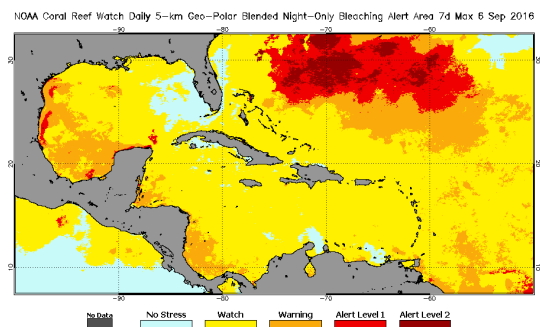


# CARIBBEAN CORAL REEF WATCH



## Notable Observations

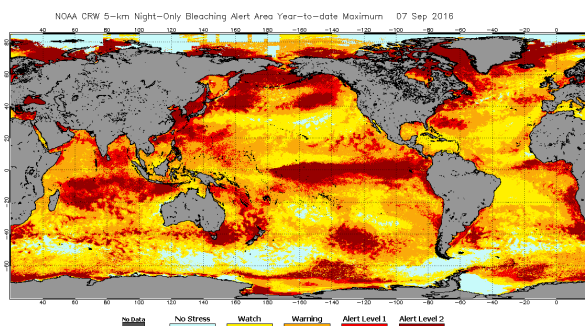
- ▶ Sea surface temperature (SST) persisted at slightly below average conditions across much of the eastern equatorial Pacific. ENSO-neutral conditions remain; however, there is a slight chance that a La Niña will develop between now and October 2016. [Read more.....](#)
- ▶ Warm SSTs observed in the Caribbean with thermal stress accumulating in the N and SW.
- ▶ Bleaching warnings issued for Belize, Trinidad & Tobago. Bleaching watches in Bahamas, TCI, Cayman Isl., Cuba, Jamaica, Hispaniola, PR, Virgin Isl., Leeward, Windward & the ABC Islands.



[Click here to track current conditions](#)

## Current Global Conditions

- ▶ Slight paling already being seen in some corals in the Florida Keys.
- ▶ Bleaching intensifying in Japan's Ryukyu islands, Guam, Saipan, and Micronesia.

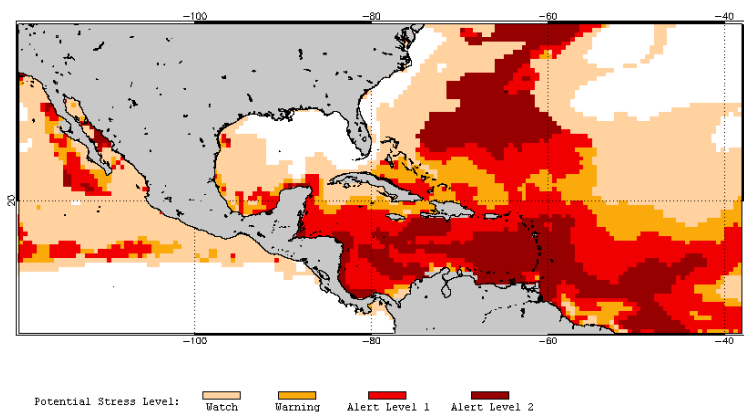


## Alert Level Guide

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 (Sept-Dec 2016)

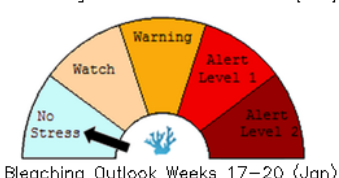
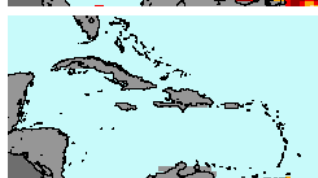
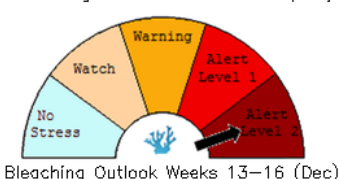
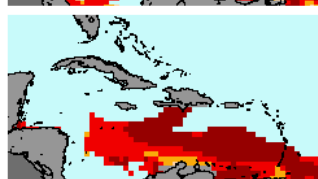
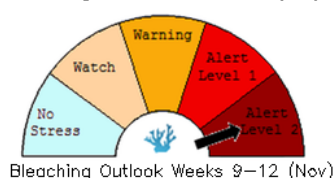
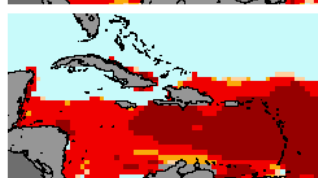
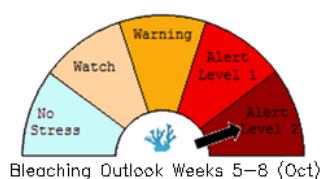
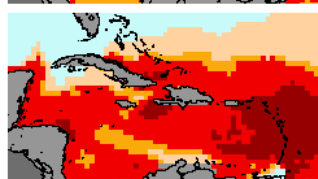
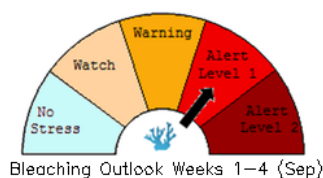
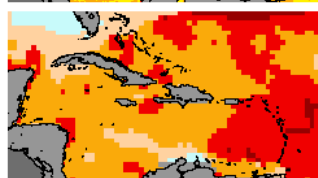
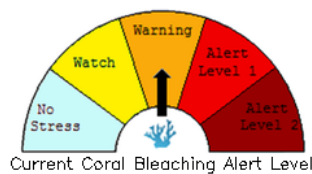
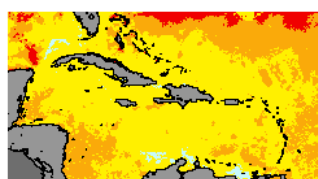
2016 Sep 6 NOAA 60% Probability Coral Bleaching Thermal Stress for Sep-Dec 2016  
Experimental, v3.0, CFSv2-based, 28-member Ensemble Forecast



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

## Bleaching Alert Area and Outlook

Caribbean Satellite Bleaching Alert Area and Outlook  
2016-08-31

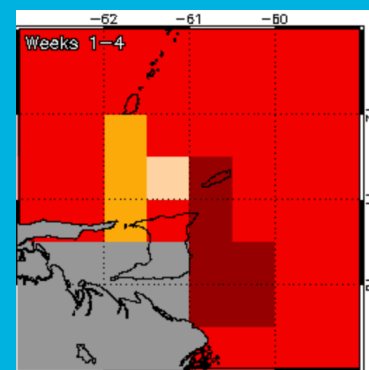


## Caribbean Bleaching Outlook

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

Thermal stress conditions are predicted to return to below bleaching levels in 17-20 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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