

## Announcement

**THERMAL STRESS  
CONDITIONS IN THE  
EASTERN CARIBBEAN  
ARE PREDICTED TO  
BE BELOW  
BLEACHING LEVELS  
UNTIL JULY.**



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



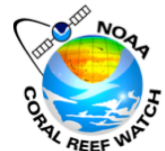
**HEADLINE IMPACTS  
IN THE  
CARIBBEAN**  
([CLICK HERE](#))



**DEVASTATING LOSS  
OF CORALS AT JARVIS  
ISLAND**  
([CLICK HERE](#))

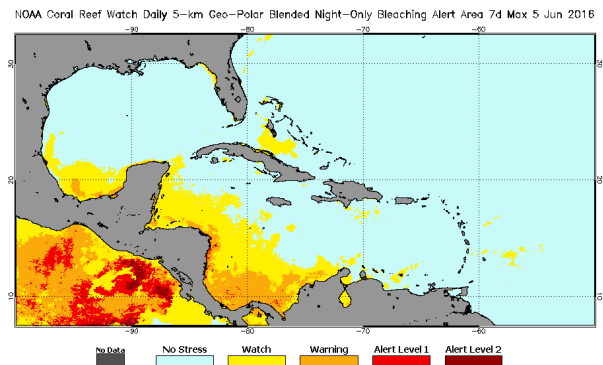


# CARIBBEAN CORAL REEF WATCH



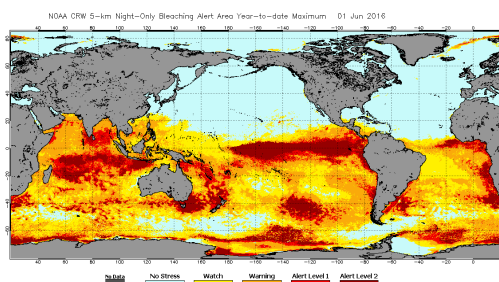
## Notable Observations

- ▶ La Niña is favored to develop during the Northern Hemisphere summer 2016. Sea surface temperature (SST) anomalies have decreased noticeably across most of the equatorial Pacific. [Read more....](#)
- ▶ Warm SSTs observed in the Caribbean but no significant thermal stress expected outside the southwestern Caribbean at this time.
- ▶ Bleaching watch issued for Aruba, Central Bahamas, Bonaire, NE and NW Cuba, Curaçao and Jamaica. Bleaching warning issued for Belize.



## Current Global Conditions

- ▶ Devastating loss of reef building corals at Jarvis Island. Reefs around Christmas Island, an atoll in Kiribati, have suffered a catastrophic mass die-off.
- ▶ Bleaching intensifying in the southern and southeast Asia, coral triangle. Bleaching reported across Indian Ocean, Australia, western and central Pacific.

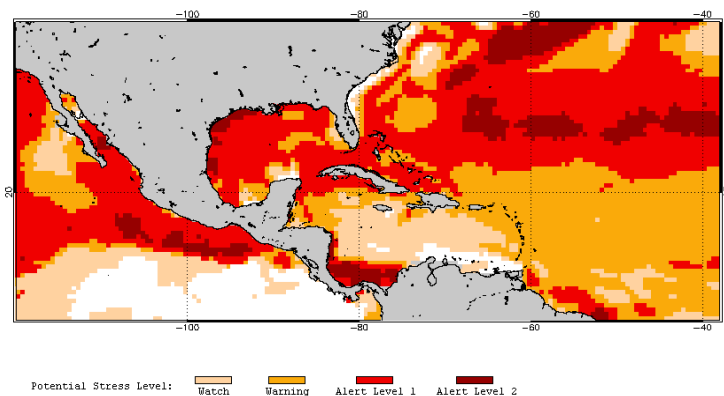


## Alert Level Guide

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 (June-Sept 2016)

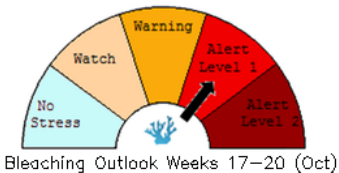
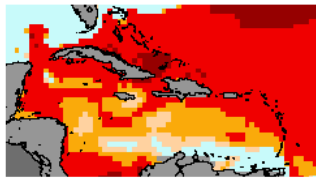
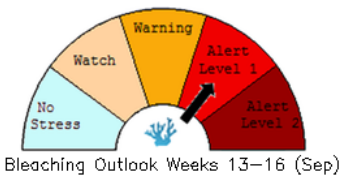
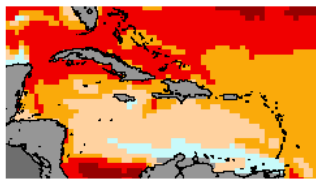
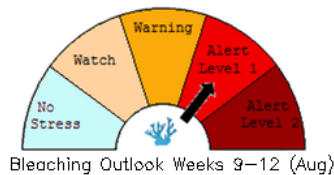
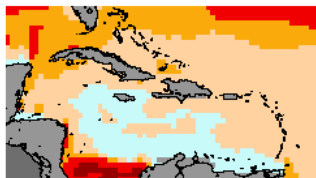
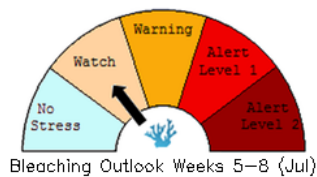
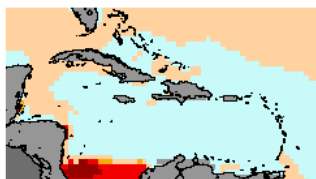
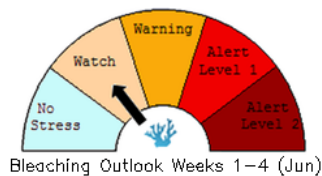
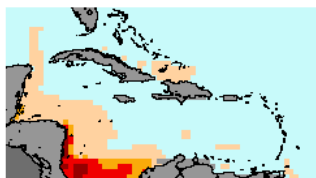
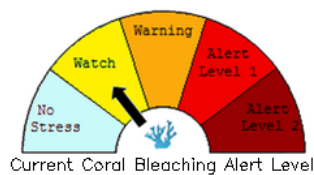
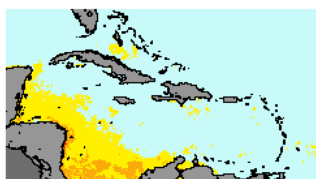
2016 May 31 NOAA 60% Probability Coral Bleaching Thermal Stress for Jun–Sep 2016  
Experimental, v3.0, CFSv2–based, 28–member Ensemble Forecast



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

## Bleaching Alert Area and Outlook

Caribbean Satellite Bleaching Alert Area and Outlook  
2016–05–31

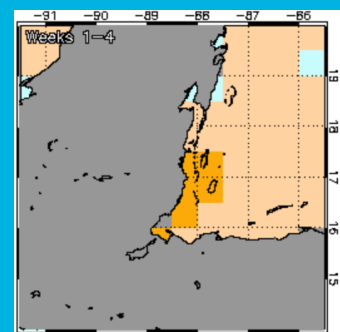


## Caribbean Bleaching Outlook

A bleaching Alert Level 1 is predicted for the Caribbean in 9–12 weeks (Aug).

Thermal stress conditions are predicted to be below bleaching levels until July (5–8 weeks) except for the southwestern Caribbean.

### 5-km Regional Virtual Stations



Bleaching warning for Belize, virtual station (Weeks 1–4)

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

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