

Announcement

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



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



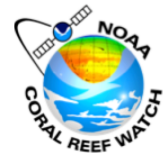
HEADLINE IMPACTS IN THE CARIBBEAN
([CLICK HERE](#))



ONLY 7% OF THE GBR HAS AVOIDED BLEACHING
([CLICK HERE](#))



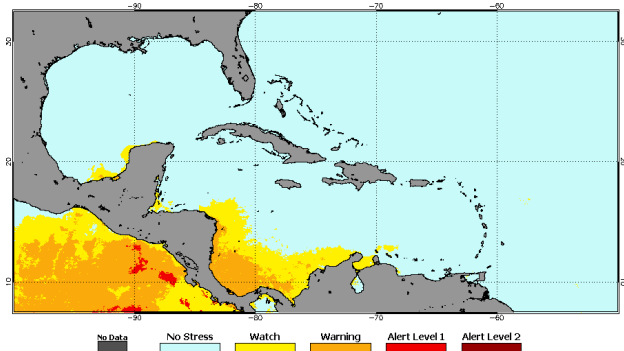
CARIBBEAN CORAL REEF WATCH



Notable Observations

- ▶ El Niño is rapidly weakening. Sea surface temperature (SST) anomalies have decreased noticeably across most of the central and eastern 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, Belize, Bonaire and Curaçao.

NOAA Coral Reef Watch Daily 5-km Geo-Polar Blended Night-Only Bleaching Alert Area 7d Max 3 May 2016

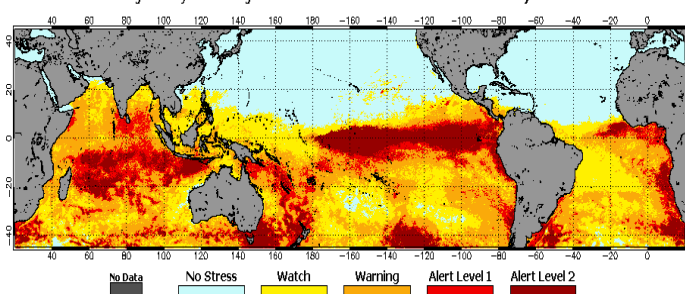


[Click here to track current conditions](#)

Current Global Conditions

- ▶ Reefs around Kiritimati, an atoll in Kiribati, have suffered a catastrophic mass die-off.
- ▶ Bleaching intensifying in the Maldives, India and Sri Lanka. Bleaching also reported in Seychelles, New Caledonia, and French Polynesia.
- ▶ 93% of the Great Barrier reef has been affected by coral bleaching.

NOAA CRW 5-km Night-Only Bleaching Alert Area Year-to-date Maximum 05 May 2016

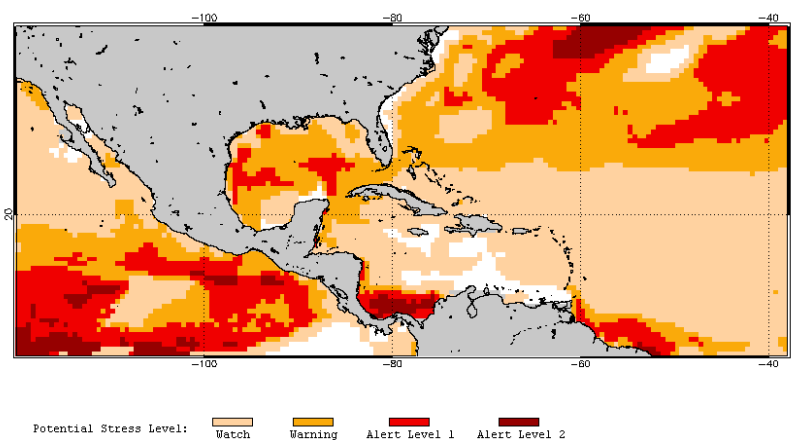


Alert Level Guide

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

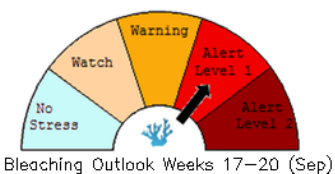
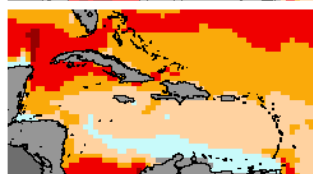
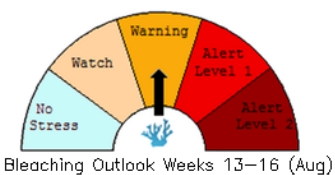
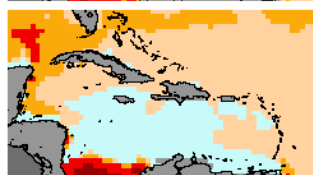
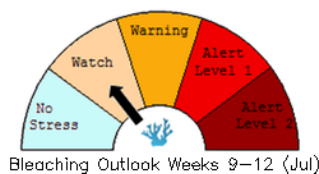
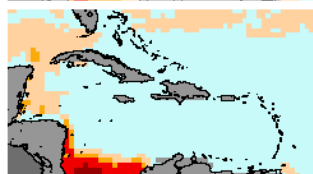
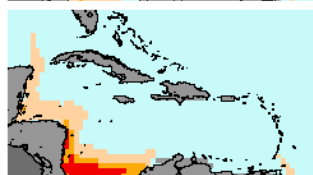
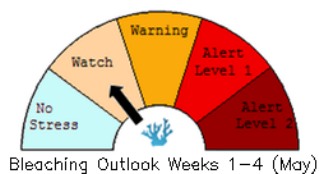
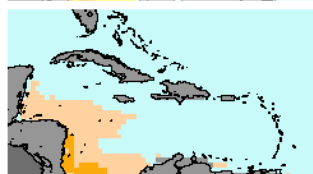
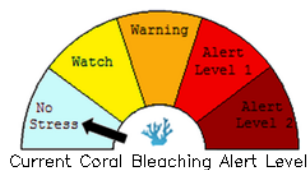
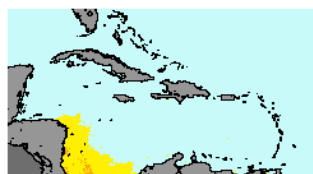
Current Outlook (May-Aug 2016)

2016 May 3 NOAA 60% Probability Coral Bleaching Thermal Stress for May–Aug 2016
Experimental, v3.0, CFSv2–based, 28–member Ensemble Forecast



Bleaching Alert Area and Outlook

Caribbean Satellite Bleaching Alert Area and Outlook
2016–04–30

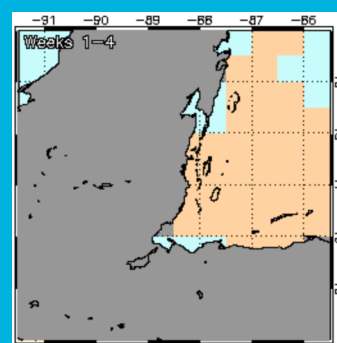


Caribbean Bleaching Outlook

A bleaching Alert Level 1 is predicted for the Caribbean in 17–20 weeks (Sept).

Thermal stress conditions are predicted to be below bleaching levels until August (13–16 weeks) except for the southwestern Caribbean.

5-km Regional Virtual Stations



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

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

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