Announcement

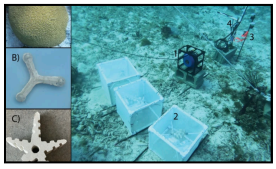
AS OF NOVEMBER 15, SIGNIFICANT HEAT STRESS (ALERT LEVEL 1 AND ABOVE) HAS BEEN OBSERVED IN THE EASTERN GREATER ANTILLES, THE LEEWARD ISLANDS, THE WINDWARD ISLANDS, TRINIDAD AND TOBAGO, AND SOME STRETCHES OF SOUTH AMERICA. THERE IS A HIGH PROBABILITY THAT IT MAY CONTINUE TO IMPACT EASTERN CARIBBEAN REGIONS THROUGH NOVEMBER.



REPORT CORAL BLEACHING OBSERVATIONS



THE SUPER EL NIÑO IS COOKING CORAL REEFS — CAN LULLABIES AND PROBIOTICS SAVE THEM?

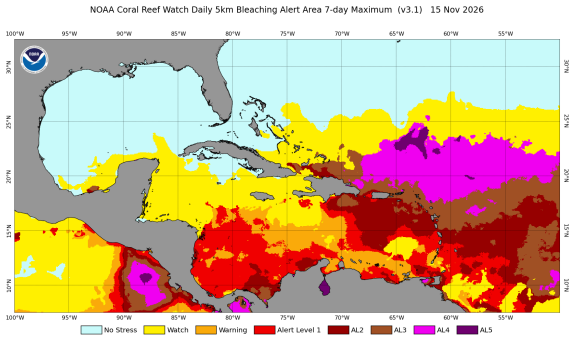


EFFECTS OF ACOUSTIC ENRICHMENT ON SETTLEMENT OF A CRITICALLY ENDANGERED BROADCAST SPAWNING CORAL

CARIBBEAN CORAL REEF WATCH

Notable Observations (As of Nov 15)

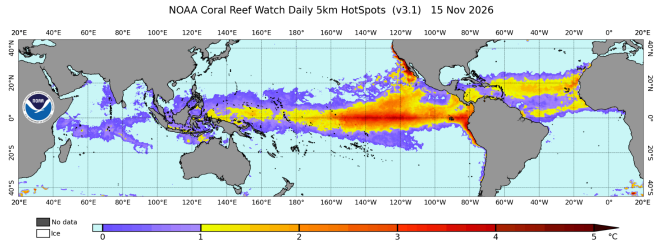
- Alert Levels 1-3 heat stress conditions currently persist in the eastern Greater Antilles, the Leeward Islands, the northern Windward Islands, and Trinidad and Tobago. Most of the central and southern Caribbean basin remains at Bleaching Warning with some areas experiencing Alert Level 1 heat stress.
- ENSO Alert System Status: El Niño Advisory! El Niño continues to strengthen, with a strong-to-very strong El Niño likely through January-March 2027 (remaining greater than an 79% chance). Read more…

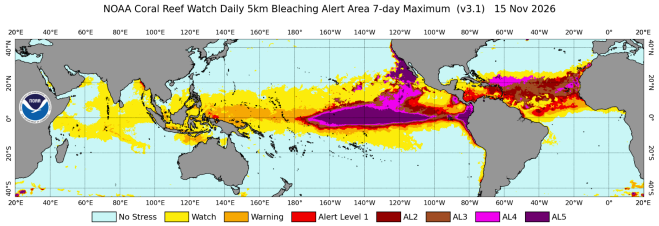


Click here to track current conditions

Current Global Conditions (As of Nov 15)

- High instantaneous heat stress (Hotspot values of 1°C or higher), is most active across the central and eastern equatorial Pacific Ocean, eastern North Pacific Ocean, and across the equatorial Atlantic Ocean between 0°N and 40°N Latitude.
- Alert Levels 1-5 heat stress are present in the following regions (based on NOAA CRW Regional Virtual Stations): Cape Verde Islands, 68% of Caribbean stations, ~86% of stations in Eastern Pacific, Line Islands, Howland and Baker, Phoenix Islands (Kiribati), northern Myanmar, Brunei Darussalam, ~13% of the Coral Triangle, Al Wusta (Oman), and Dhofar (Oman).



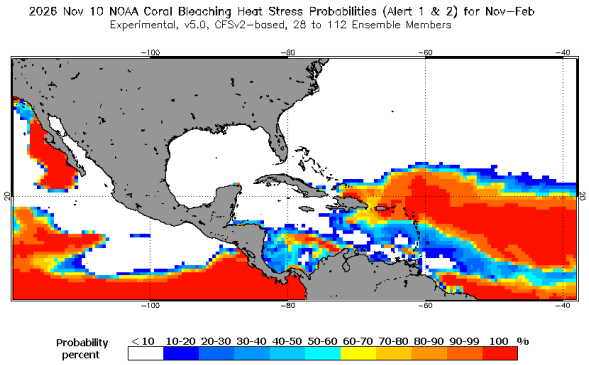


Alert Level Guide

Stress Level	Interpretation
No Stress	No Bleaching
Watch	
Warning	Risk of Possible Bleaching
Alert Level 1	Risk of Reef-Wide Bleaching
Alert Level 2	Risk of Reef-Wide Bleaching with Mortality of Heat-Sensitive Corals
Alert Level 3	Risk of Multi-Species Mortality
Alert Level 4	Risk of Severe, Multi-Species Mortality (> 50% of corals)
Alert Level 5	Risk of Near Complete Mortality (> 80% of corals)

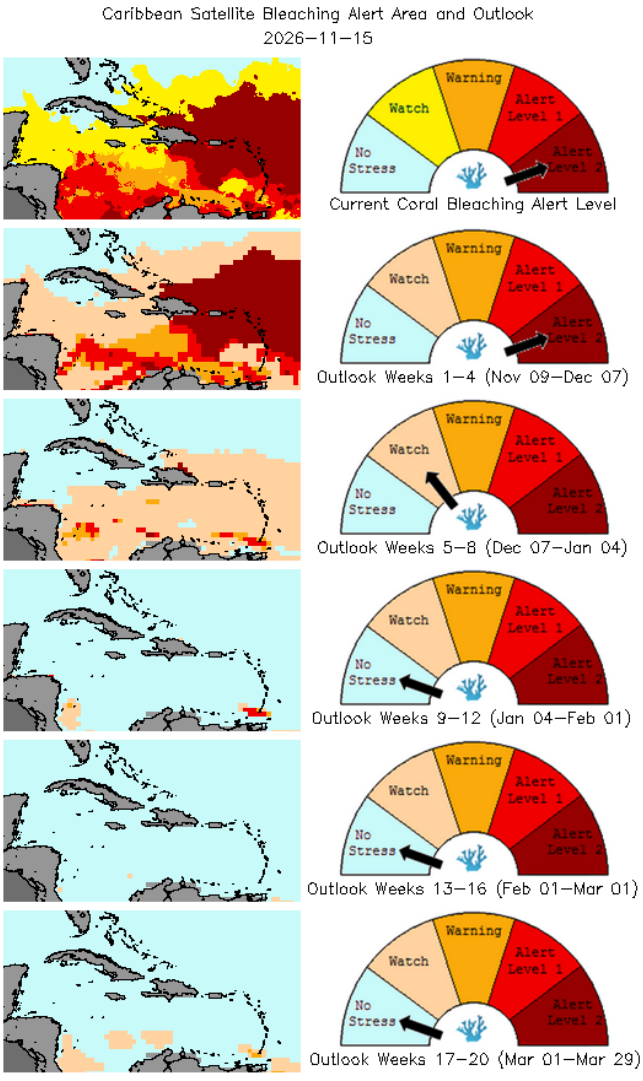
Caribbean Outlook (Nov. '26-Feb. '27)

- Based on the 4-Month Probabilistic Outlook of November 15, there are very high probabilities (> 90%) the eastern Greater Antilles and the Leeward Islands will continue to experience Alert Level 1 or 2 heat stress through late November and possibly early December. Heat stress expected to quickly dissipate after early December.



Click here to track the 4-month probabilistic bleaching outlook

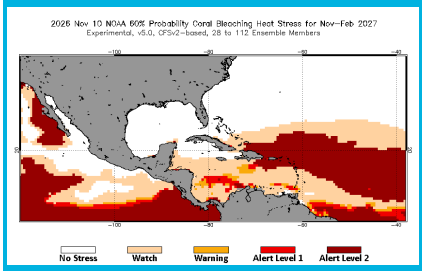
Bleaching Alert Area and Outlook



Caribbean Bleaching Outlook

As of November 10, 2026, NOAA CRW's 4-Month Coral Bleaching Outlook (60% probability) predicts Bleaching Alert level 1 and 2 conditions will continue to affect the eastern Greater Antilles, the Leeward Islands, and the Windward Islands until late November. Heat stress is predicted to persist into early December, but with limited spatial coverage in the southeastern Caribbean.

View all 5-km NOAA CRW Regional Virtual Stations



4-month Coral Bleaching Outlook (60% probability)

4-month Coral Bleaching Outlook (90% probability)

Click here for more information about the NOAA Coral Reef Watch methodology

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