The Status of the Fourth Global Coral Bleaching Event and the Role of the Global Coral Reef Community

Judith C. Lang
Atlantic and Gulf Rapid Reef Assessment

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Belize: Temperature, increasing since April, first peaks in June, when DHW already is 10.

22Jun23 Loggerhead patch
Belize Lagoon

June 29, 2023
Bocas del Toro
Panama

bleached C. natans
brain coral

bleached Porites porites
finger coral

pale & bleached Acropora prolifera
fused staghorn coral

pale and bleached Agaricia tenuifolia
plate coral
Tracking the 2023+ Coral Bleaching Event at the AGRRA Reef Monitoring website
March 2023-March 2024
\( \Sigma 433 \) sites
(includes Belize & Florida bleach surveys)
https://www.agrra.org/coral-bleaching/

DRAFT
~100% mortality: Acropora spp., Ag. tenuifolia, fire corals

N. Florida Keys
Acropora palmata
elkhorn coral

Mexican Caribbean Regional Perspective
Dead Ac. palmata
31khorn coral

bleached O. annularis
a star coral

bleached Millepora
a fire coral

bleached finger Porites

Salt Marsh, Jamaica
Responses

Lessons Learned
Coordinated by SPAW-RAC and Healthy Reefs for Healthy People Initiative

Led by a dynamic Steering Committee of 17 members

250+ Members in the Caribbean Forum

Website: https://gcrmn.net/caribbean/

2025 New regional report!

Call for data on the region’s coral reefs for July 2024

In progress