

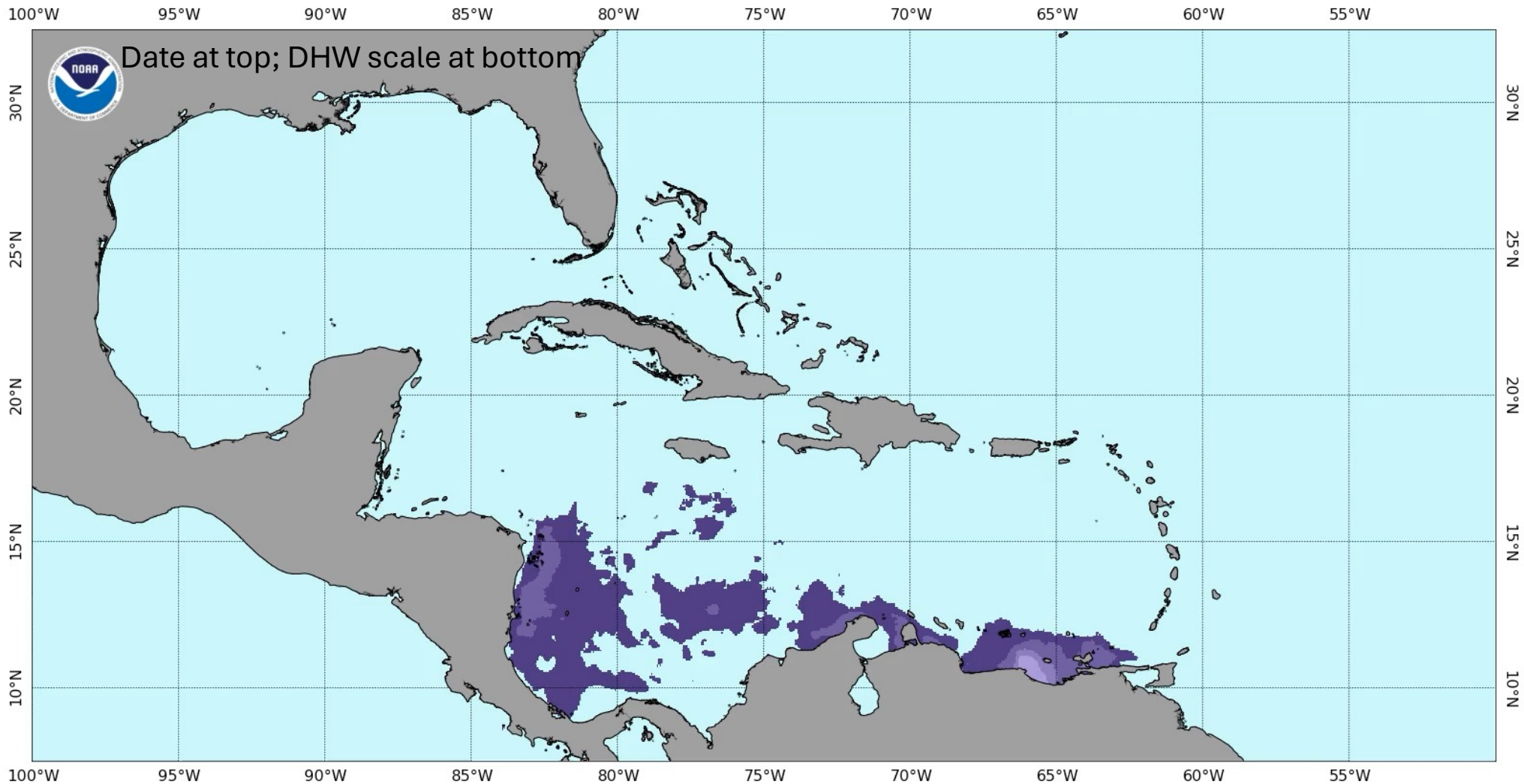
The Status of the Fourth Global Coral Bleaching Event and the Role of the Global Coral Reef Community

Judith C. Lang
Atlantic and Gulf Rapid Reef Assessment



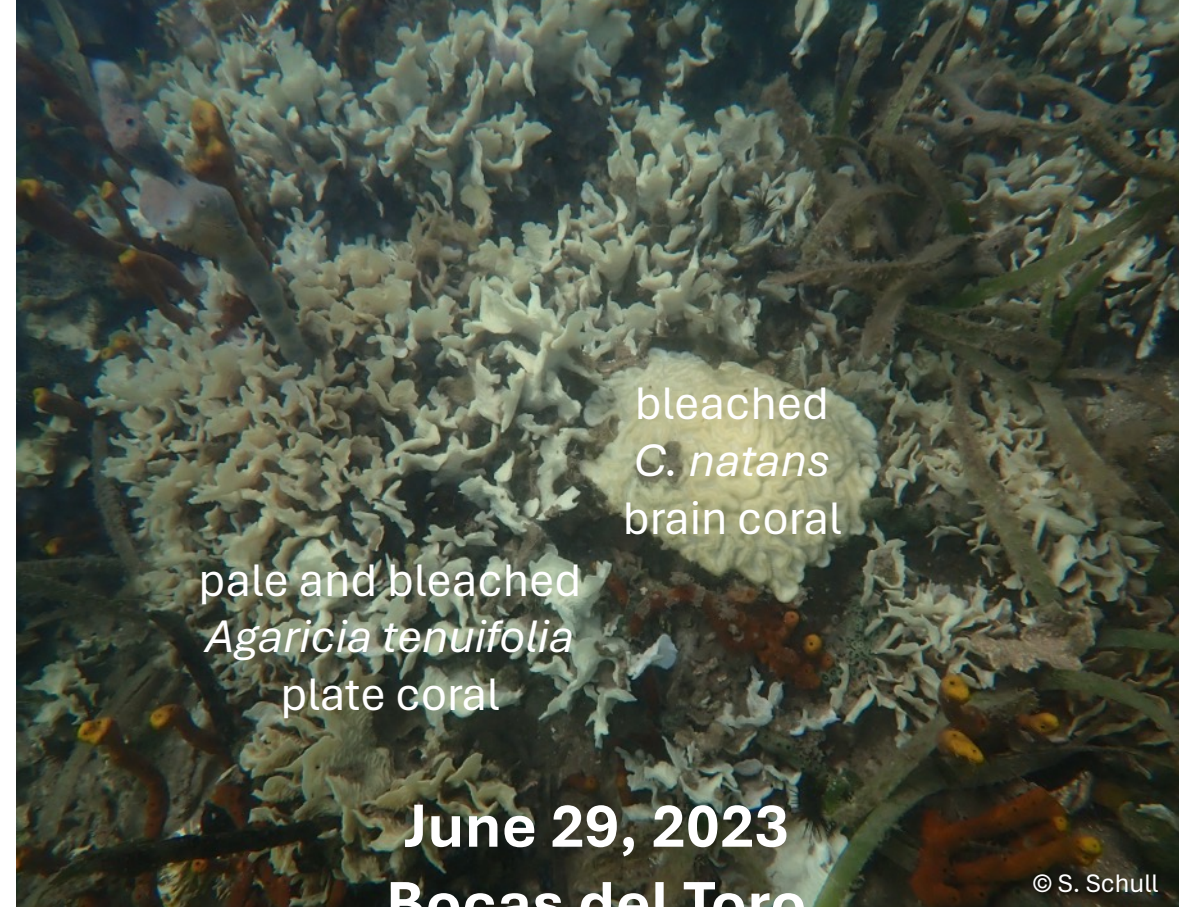
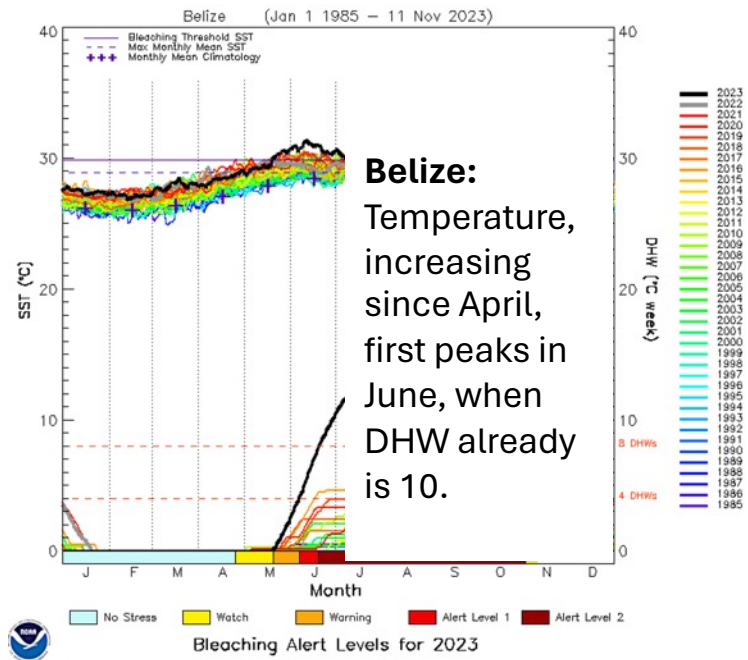
May 14, 2024

NOAA Coral Reef Watch Daily 5km Degree Heating Weeks (v3.1) 1 Feb 2023



■ No data
□ Ice





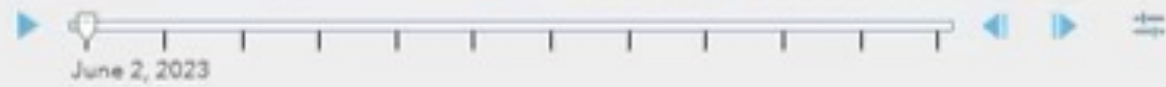
Tracking the 2023+ Coral Bleaching Event
at the AGRRA Reef Monitoring website
March 2023-March 2024

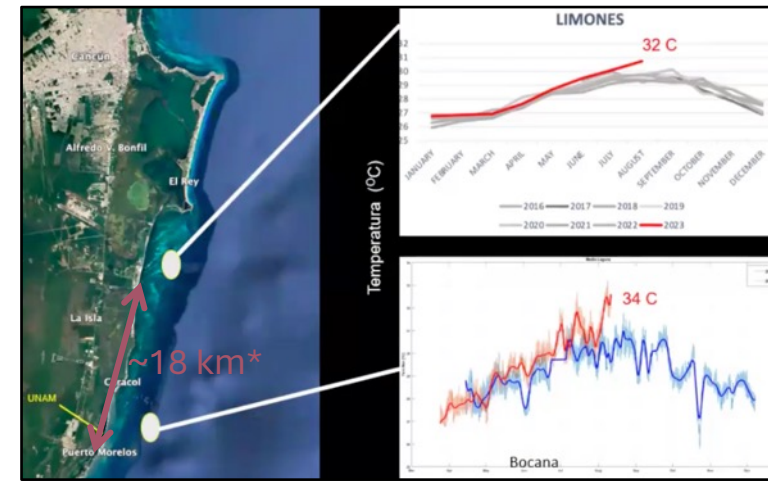
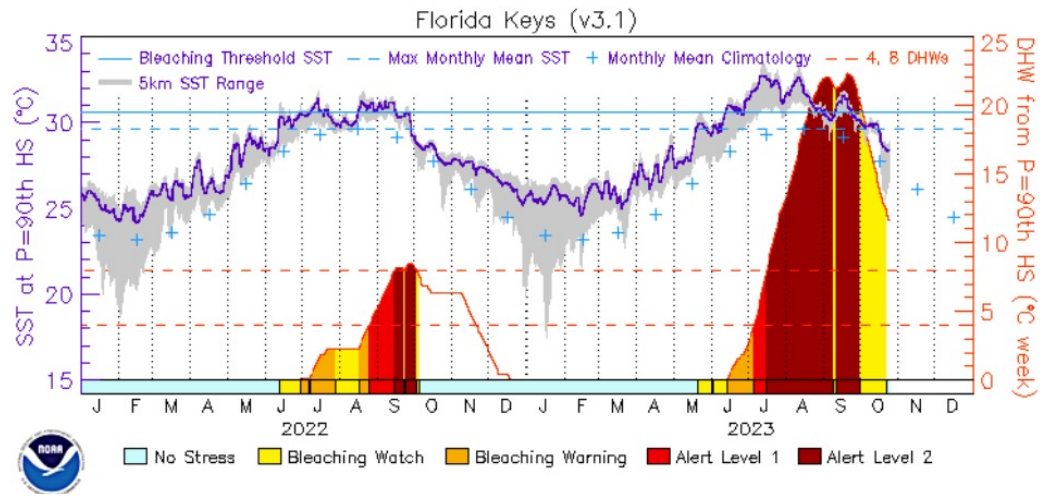
Σ433 sites

(includes Belize & Florida bleach surveys)

<https://www.agrra.org/coral-bleaching/>

DRAFT

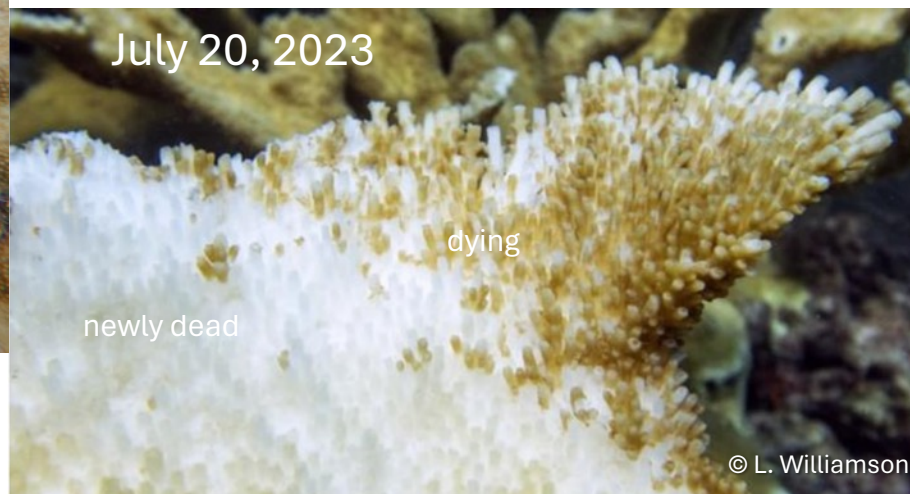




* ~100% mortality: *Acropora* spp.,
Ag. tenuifolia, fire corals

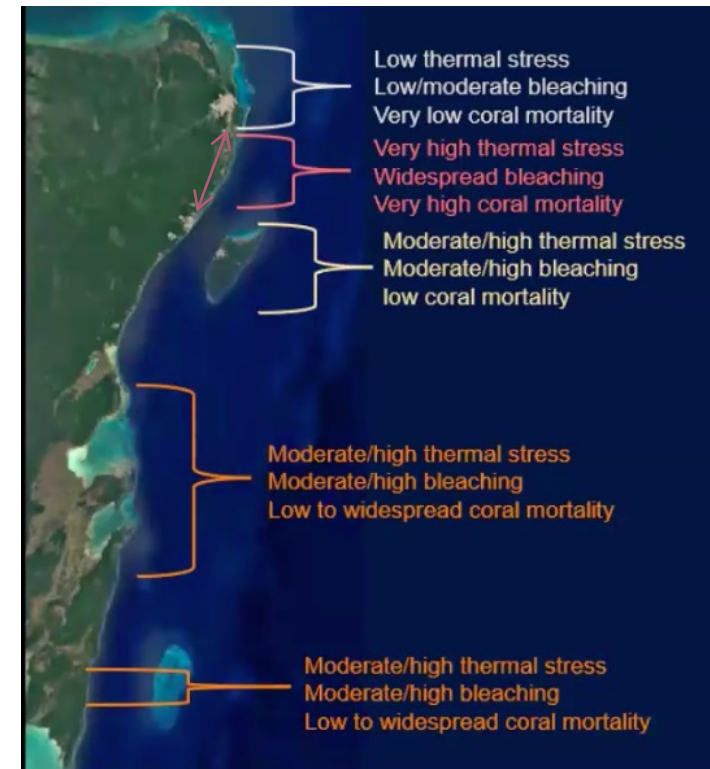


N. Florida Keys
Acropora palmata
elkhorn coral



© L. Williamson

Mexican Caribbean Regional Perspective



© K. Cummings

Salt Marsh, Jamaica

bleached *O. annularis*
a star coral

Dead *Ac. palmata*
3lkhorn coral

bleached *Millepora*
a fire coral

bleached finger
Porites



Responses



Lessons Learned



CARIBBEAN

- 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

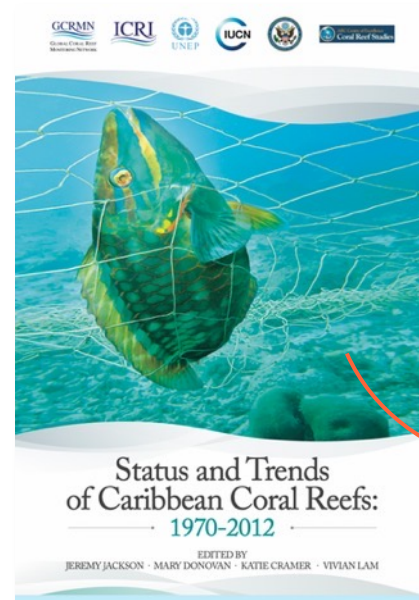
Website

<https://gcrmn.net/caribbean/>



REGION

Caribbean



2025
New regional report!

Call for data on the region's coral reefs for July 2024
In progress