

## Announcement

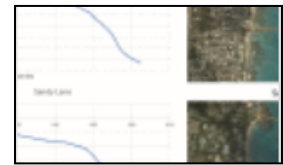
**HEAT STRESS  
CONDITIONS ARE  
PREDICTED TO BE AT  
BLEACHING LEVELS IN  
THE CARIBBEAN FROM  
APPROXIMATELY  
SEPTEMBER TO  
DECEMBER.**



**REPORT CORAL  
BLEACHING  
OBSERVATIONS**

Topic	Summary	Key messages
<b>2021-2022 Seasonal Outlook</b>	Forecasting coral bleaching risk for the 2021-2022 season based on current climate conditions and trends.	Forecasting coral bleaching risk for the 2021-2022 season based on current climate conditions and trends.
<b>2021-2022 Seasonal Outlook</b>	Forecasting coral bleaching risk for the 2021-2022 season based on current climate conditions and trends.	Forecasting coral bleaching risk for the 2021-2022 season based on current climate conditions and trends.
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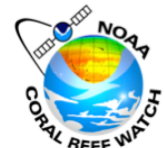
**CORAL RESTORATION – A  
SYSTEMATIC REVIEW OF  
CURRENT METHODS,  
SUCCESSSES, FAILURES  
AND FUTURE DIRECTIONS**



**CORAL REEF RESTORATION  
FOR COASTAL PROTECTION:  
CRAFTING TECHNICAL AND  
FINANCIAL SOLUTIONS**

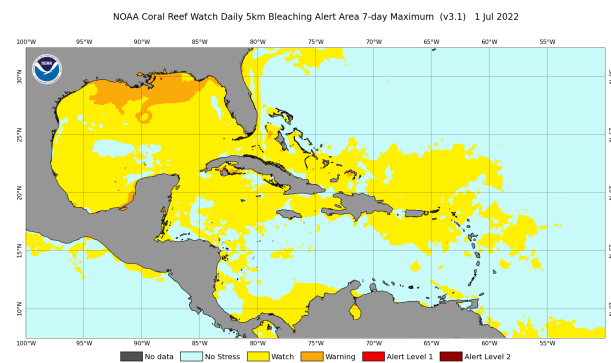


# CARIBBEAN CORAL REEF WATCH



## Notable Observations

- Warming continues in the Gulf of Mexico, and throughout the Bahamas and northern Caribbean.
- Bleaching watch alerts issued for the Bahamas, Turks & Caicos, Cuba, Jamaica, Hispaniola, Puerto Rico, the Virgin Islands, and the N. Leeward Islands.
- The average global land and ocean temperature for Jan-Jun 2022 0.85°C above 20th Century average of 13.5°C... [Read more](#)



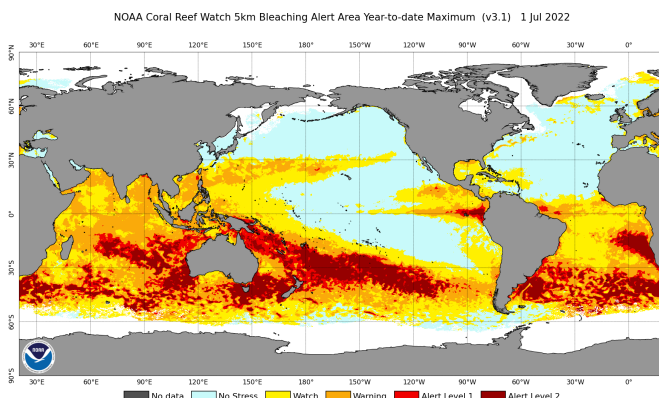
[Click here to track current conditions](#)

## Current Global Conditions

- Bleaching watch alerts issued throughout the Indian Ocean. Watch and warning alerts issued throughout Southeast Asia, the Pacific, and the Atlantic.
- S. Taiwan, Ogasawara Islands, and Northern and Central Philippines under Alert Level 1.

### Alert Level Guide

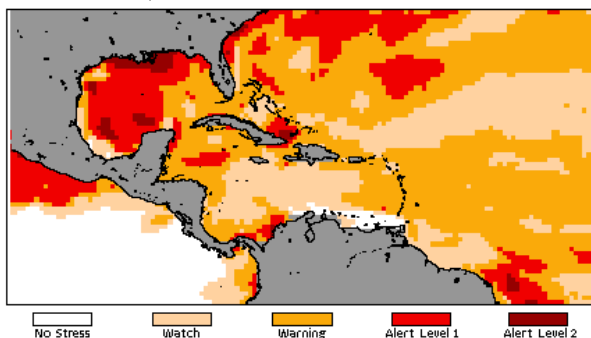
Alert Level	Interpretation
No Stress	No Thermal Stress
Watch	Low-level thermal stress
Warning	Thermal stress is accumulating
Alert level 1	Bleaching expected
Alert level 2	Widespread bleaching and some mortality expected



## Current Outlook (July-October 2022)

- 4-Month Outlook indicates that Coral Bleaching Heat Stress will be at Alert Level 1 around Florida and the Bahamas in 13-16 weeks (Sep).

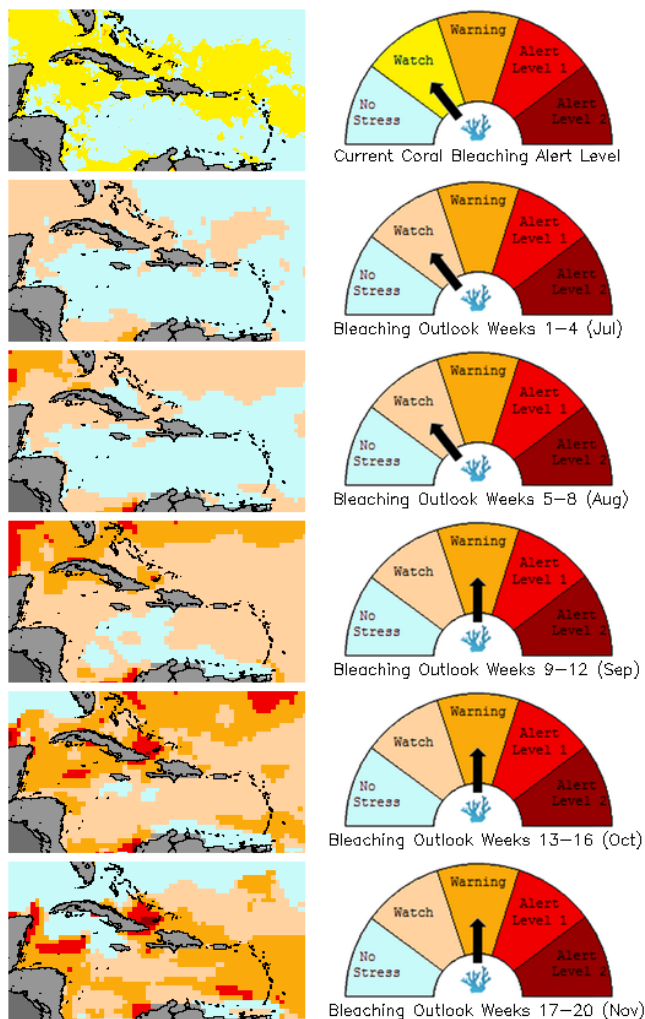
2022 Jun 28 NOAA 80% Probability Bleaching Heat Stress for Jul-Oct 2022  
Experimental, v5.0, CFSv2-based, 28 to 112 Members



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

## Bleaching Alert Area and Outlook

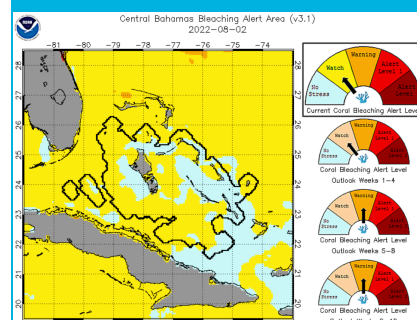
Caribbean Satellite Bleaching Alert Area and Outlook  
2022-06-30



## Caribbean Bleaching Outlook

The bleaching alert and outlook for the Caribbean indicates that extensive watch and warning alert level conditions could be expected throughout the region in October to December. Significant heat stress not predicted until September.

[View all 5-km Regional Virtual Stations here](#)



**Central Bahamas currently under a coral bleaching watch.**

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

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