

Indian Ocean Coral Bleaching Reporting Form

Dear partners,

In our efforts to better understand the impacts of coral bleaching events in the region, we are seeking consistent, basic-level coral bleaching data from our partners across the region. Please use this form to contribute to this initiative. When you are at the reef, kindly dedicate approximately 15 minutes to applying the method outlined below and then fill and submit this form.

Method:

- Conduct a 5-minute timed swim and observe the reef.
- Examine all visible hard corals, noting their growth shape (refer to the graphic below).
- Estimate the percentage of coral cover bleached in the area covered during the 5 minutes and record the severity of bleaching (categories provided below).
- If you possess an underwater camera, take 2-3 general images from the reef area, along with 10 or more vertical images 1 meter above the substrate, separated by 2 or more meters.
- If possible, repeat the survey 4-5 times by moving along your reef, calculating the average values for the site.
- Complete this form and submit your images for each survey.
- If you are unable to fill out all the information, please do not worry.
- Endeavor to undertake monitoring as regularly as possible during the bleaching season.

Thank you for assisting our regional coral bleaching reporting efforts!

This simplified web form has been set up to aid non-specialists in the basic reporting of coral bleaching observations in the WIO, Red Sea & Gulfs, and South Asia & NE Indian Ocean. All data will be submitted to the global bleaching form supported by the NOAA Coral Reef Watch program.

For more information, please go to:

<https://cordioea.net/coral-reef-research/vulnerability/indian-ocean-coral-bleaching/>

* Indicates required question

1. OBSERVER NAME *

Name of the person submitting the report

2. EXPERIENCE

Monitoring experience of observer

⌵ Dropdown

Mark only one oval.

- ☐ Beginner
- ☐ Intermediate
- ☐ Advanced
- ☐ Expert

3. ORGANISATION

Name of the organization/institution where observer is affiliated. Could be individual

4. REGION


(Please select the region you are reporting from)

⌵ Dropdown

Mark only one oval.

- ☐ Western Indian Ocean
- ☐ South Asia & NE Indian Ocean
- ☐ Red Sea & Gulfs

5. COUNTRY *

 Dropdown

Country for which the report is being submitted

Mark only one oval.

- ☐ Tanzania
- ☐ Kenya
- ☐ Mozambique
- ☐ Madagascar
- ☐ Seychelles
- ☐ Mauritius
- ☐ Reunion
- ☐ Comoros
- ☐ South Africa
- ☐ Other

6. LOCATION

Name of the area/locality within a country where report is being submitted

7. SITE NAME

Name of the dive site (smaller area within the location), if available, or the local community

8. LATITUDE, LONGITUDE *

For help with your location, visit <https://www.google.com/maps> navigate to your area, right click and copy the coordinates

9. DEPTH

Depth of survey (where available) (m)

10. BLEACHING_SEVERITY (CODE)

See Bleaching Severity key (below)

LEVEL	BLEACHING SEVERITY
-1	% unknown
0	No bleaching
1	Mild (1-10% bleaching)
2	Moderate (11-50% bleaching)
3	Severe (>50% bleaching)

11. PERCENT_BLEACHED

Percent of coral bleached (where available)

Mark only one oval.

- ☐ None_(< 1%)
- ☐ Low_(1-10%)
- ☐ Medium_(10-50%)
- ☐ High_(50-90%)
- ☐ Extreme_(> 90%)

12. PERCENT_MORTALITY

Percent mortality, as a fraction of coral cover (where available)

Mark only one oval.

- ☐ None_(< 1%)
- ☐ Low_(1-10%)
- ☐ Medium_(10-50%)
- ☐ High_(50-90%)
- ☐ Extreme_(> 90%)

13. % METRIC USED

(e.g, % of total survey area, coral area, or number of colonies)

14. PHOTO TAKEN

If you took a photo(s) at this site, kindly provide a link or send them through bleaching@cordioea.net

15. SURVEY TYPE

Survey type (e.g. random swim, PITs, etc. where available)

16. WATER TEMPERATURE

Water temperature at depth of observation (°C)

17. SOURCE

Initial source of the report (e.g. individual if different from observer)

18. COMMENTS

Any additional comments on the record

19. PERMISSION TO SUBMIT DATA

Mark only one oval.

- ☐ Grant permission: Yes, you have permission to submit data
- ☐ Deny permission: No, you do not have permission to submit data
- ☐ Conditional Permission: Permission is granted provided source is acknowledged
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