

Reef health and impact summary



BleachWatch
Egypt

OBSERVER AND SITE DETAILS

Observer names: Date:

Vessel / organisation: Phone:

Reef Visitor Marine Tourism Industry Scientist Email:

Reef ID /name: Dive Site:

Lat: S Long: E Nearest Town:

Is this your first submission? (Y/N) Has the site condition changed since your last submission? (Y/N) Survey type: Snorkel S Dive D

Habitat

- Lagoon A
- Crest B
- Slope C
- Small patches of coral D
- Reef flat E

Other:

Site conditions

Air temperature:

Water temperature: 0-3m
5-10m

Freshwater plume from wadi (Y/N)

Suspended algal bloom (Y/N)

Visibility

<5m L

5-10m M

>10m H

Secchi depth (m):

Tide at survey time
(Low/Mid/High):

GENERAL HABITAT CONDITION

Benthos

- Live coral (hard & soft): %
- Dead coral (not rubble): %
- Coral rock /rubble: %
- Macroalgae: %
- Sand: %
- Seagrass: %
- TOTAL: 100 %

Coral lifeforms

(rank in order of abundance)

- 1 Branching
- 2 Plate
- 3 Massive
- Bushy
- Digitate
- Encrusting
- Soft Coral

Comments:

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Coral types present / bleached

	present	bleached
Branching	<input type="checkbox"/>	<input type="checkbox"/>
Plate	<input type="checkbox"/>	<input type="checkbox"/>
Massive	<input type="checkbox"/>	<input type="checkbox"/>
Bushy	<input type="checkbox"/>	<input type="checkbox"/>
Digitate	<input type="checkbox"/>	<input type="checkbox"/>
Encrusting	<input type="checkbox"/>	<input type="checkbox"/>
Soft Coral	<input type="checkbox"/>	<input type="checkbox"/>
	present	bleached
Acropora	<input type="checkbox"/>	<input type="checkbox"/>
Fungiidae	<input type="checkbox"/>	<input type="checkbox"/>
Pocillopora	<input type="checkbox"/>	<input type="checkbox"/>
Seriatopora	<input type="checkbox"/>	<input type="checkbox"/>
Turbinaria	<input type="checkbox"/>	<input type="checkbox"/>
Stylophora	<input type="checkbox"/>	<input type="checkbox"/>
Faviidae	<input type="checkbox"/>	<input type="checkbox"/>
Montipora	<input type="checkbox"/>	<input type="checkbox"/>
Porites	<input type="checkbox"/>	<input type="checkbox"/>
Sarcophyton	<input type="checkbox"/>	<input type="checkbox"/>
Lobophytum	<input type="checkbox"/>	<input type="checkbox"/>
Xenia	<input type="checkbox"/>	<input type="checkbox"/>

CORAL COMMUNITY AND DETAILED BLEACHING OBSERVATIONS

BLEACHING OBSERVATIONS

Bleached coral at this site

- Category 1 (1-10%) 1
- Category 2 (11-30%) 2
- Category 3 (31-50%) 3
- Category 4 (51-75%) 4
- Category 5 (76-100%) 5

Most common level of bleaching severity

- Bleached only on upper surface 1
- Pale/fluoro (very light or yellowish) 2
- Totally bleached white 3
- Recently dead coral with algae 4

Comments:

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Depth range of bleaching:

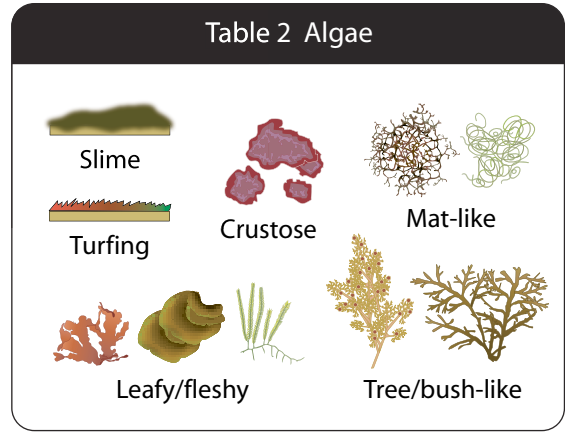
Min: m Max: m

ALGAE

None **Algae** (insert quantity and height codes - see Table 2)

Quantity*	Insert code		Insert code	Height
None	<input type="checkbox"/> 0		<input type="checkbox"/>	<input type="checkbox"/> A < 1cm
1-10% <i>(bits and pieces)</i>	<input type="checkbox"/> A	Slime	<input type="checkbox"/>	<input type="checkbox"/> B 1-3cm
11-50% <i>(large patches)</i>	<input type="checkbox"/> B	Turfing	<input type="checkbox"/>	<input type="checkbox"/> C 4-10cm
>50% <i>(everywhere)</i>	<input type="checkbox"/> C	Leafy/fleshy	<input type="checkbox"/>	<input type="checkbox"/> D 10-25cm
		Mat-like	<input type="checkbox"/>	<input type="checkbox"/> E 25-100cm
		Tree/bush-like	<input type="checkbox"/>	<input type="checkbox"/> F >100cm
		Crustose	<input type="checkbox"/>	

*(include algae growing on dead coral and rubble/rock)



CORAL DISEASE

None

White syndrome	Insert code	Black Band Disease	Insert code	Brown Band Disease	Insert code
Branching	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Plate	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Massive	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Bushy	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Digitate	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Encrusting	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

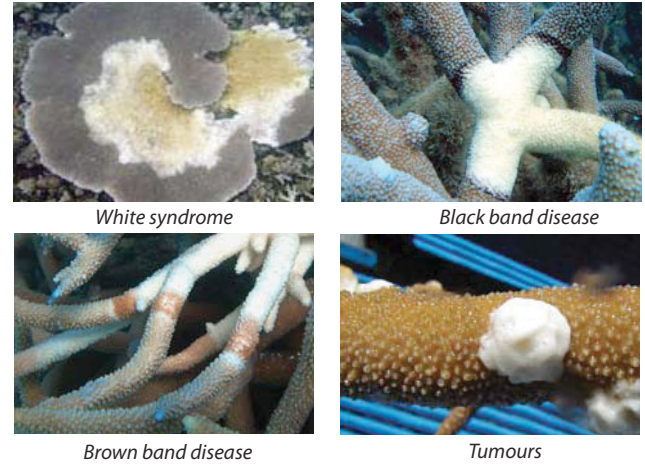
Code

0 none

A ≤5colonies

B 6-20 colonies

C >20 colonies



Other diseases/growth anomalies (tumours) observed:

RUBBISH

None

<input type="checkbox"/> A 1 piece	Fishing line	<input type="checkbox"/>
<input type="checkbox"/> B 2-5 pieces	Plastic	<input type="checkbox"/>
<input type="checkbox"/> C >5 pieces	Netting	<input type="checkbox"/>
	Rope	<input type="checkbox"/>

Other:

CORAL PREDATORS

None **Crown-of-thorns starfish (COTS) and *Drupella* snails**

Colonies affected by COTS	Insert code	Colonies affected by <i>Drupella</i> snails	Insert code
Branching	<input type="checkbox"/>	Branching	<input type="checkbox"/>
Plate	<input type="checkbox"/>	Plate	<input type="checkbox"/>
Massive	<input type="checkbox"/>	Massive	<input type="checkbox"/>
Bushy	<input type="checkbox"/>	Bushy	<input type="checkbox"/>
Digitate	<input type="checkbox"/>	Digitate	<input type="checkbox"/>
Encrusting	<input type="checkbox"/>	Encrusting	<input type="checkbox"/>

Code

0 none

A ≤5colonies

B 6-20 colonies

C >20 colonies

Number of COTS:

Number of *Drupella* snails:

RECENT CORAL BREAKAGE

None

Amount	Cause	Primary	Secondary
<input type="checkbox"/> Branching		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Plate		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Massive		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Bushy		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Digitate		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Encrusting		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Soft Coral		<input type="checkbox"/>	<input type="checkbox"/>

Code

0 none

A ≤5colonies

B 6-20 colonies

C >20 colonies

<input type="checkbox"/> A Anchor	<input type="checkbox"/> D Divers
<input type="checkbox"/> S Snorkellers	<input type="checkbox"/> W Weather/storm
<input type="checkbox"/> V Vessel	<input type="checkbox"/> C Animal

