



Florida Department of Environmental Protection  
Coral Reef Conservation Program  
**SEAFAN BleachWatch Program**



**BleachWatch Data Sheet**

Online Forms: [www.SEAFAN.net/BleachWatch](http://www.SEAFAN.net/BleachWatch)

**A. OBSERVER INFORMATION:**      **Date of Visit:** \_\_\_\_\_      **Time:** \_\_\_\_\_

Name: \_\_\_\_\_ Email: \_\_\_\_\_

Phone: \_\_\_\_\_ Organization (if applicable): \_\_\_\_\_

Observer Category (circle): Resident   Visitor   Tourism   Commercial   Education   Research   Government   NGO

**B. SITE INFORMATION:**      **Latitude:** \_\_\_\_\_      **Longitude:** \_\_\_\_\_

Site Name/Location: \_\_\_\_\_ Depth Range: (ft / m): \_\_\_\_\_ Min. \_\_\_\_\_ Max.

**County (circle):** Miami-Dade   Broward   Palm Beach   Martin   Other: \_\_\_\_\_

**Environmental Conditions (Optional):**    Wind Speed (circle): 0-5 kts   5-10 kts   10-15 kts   15-20 kts   20+ kts

Air Temp.: \_\_\_\_\_ Water Temp. (Surface): \_\_\_\_\_ Water Temp. (Bottom): \_\_\_\_\_ Underwater Vis. (ft / m): \_\_\_\_\_

Cloud cover (circle): Clear   Partly Cloudy   Mostly Cloudy   Overcast

**Did you observe signs of BLEACHING?**

**YES** – Please continue with Section C and D

**NO**

**Did you observe signs of DISEASE?**

**YES** – Please continue with Section C and D

**NO**

**C. BLEACHING AND DISEASE OBSERVATIONS:**    Single (S) - 1    Few (F) - 2-5    Many (M) - 5+

	<b>Bleaching:</b>				<b>Disease:</b>				*Other observations/further description (i.e. lesion pattern, color, speed of progression, etc.)
	No Stress	Paling	Partial Bleaching	Bleached	Black Band	Tissue Loss (white)	Growth Anomaly	Other*	
Brain	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Branching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Fleshy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Flowering/Cup	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Leaf/Plate/Sheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Mound/Boulder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**D. OVERALL OBSERVATIONS:**

What was the overall severity of bleaching over the entire site? (Please check one)

\_\_\_ Pale (light color)    \_\_\_ Partially bleached    \_\_\_ Fully Bleached    \_\_\_ Dead with algae

What percent of overall coral cover was **BLEACHED** at the site? (Please check one)

\_\_\_ 1 – 10%    \_\_\_ 11 – 30%    \_\_\_ 31 – 50%    \_\_\_ 51 – 75%    \_\_\_ 76 – 100%

What percent of overall coral cover was **DISEASED** at the site? (Please check one)

\_\_\_ 1 – 10%    \_\_\_ 11 – 30%    \_\_\_ 31 – 50%    \_\_\_ 51 – 75%    \_\_\_ 76 – 100%

Check if you saw bleaching on:

\_\_\_ Fire Coral (Hydrocoral)

\_\_\_ Palythoa (Zoanths)

\_\_\_ Gorgonians (Soft Coral)

**E. NOTES:** (Specific species of coral affected, other observations about the site)

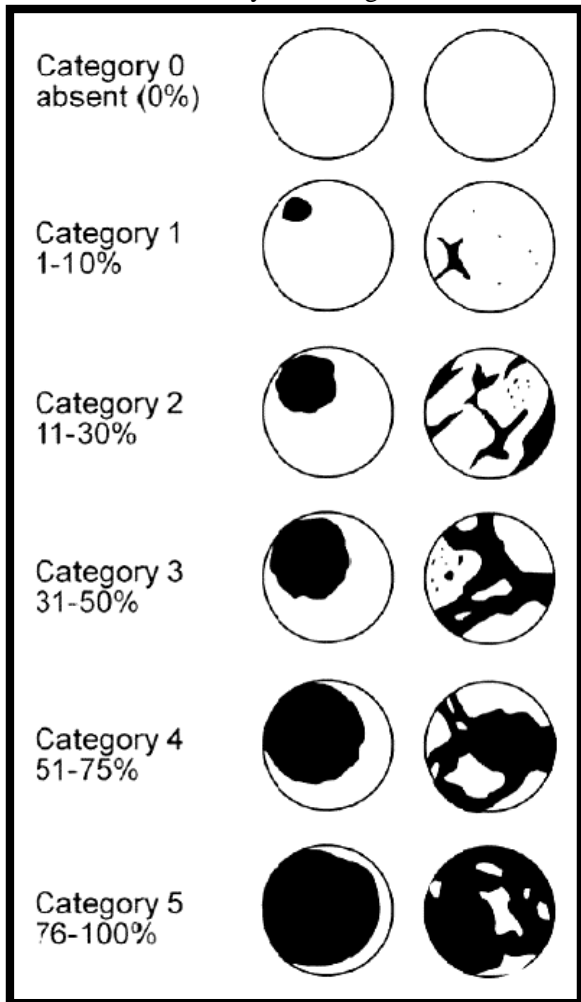
**Thank you for your participation!**  
Program Coordinator  
Phone: (561) 681-6631  
Email: [coral@FloridaDEP.gov](mailto:coral@FloridaDEP.gov)  
[www.SEAFAN.net/BleachWatch](http://www.SEAFAN.net/BleachWatch)

**Program Partners:**






**Table 1: Percent Live Coral Bleaching**

The figure below is to help estimate percent of living coral cover affected by bleaching on the overall site.



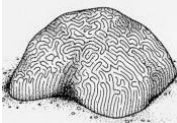


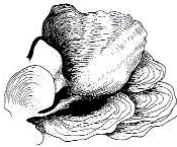


**Table 3: Non-Stony Coral ID Key**

The Table below helps identify major groups of non stony corals. These corals are great baseline indicators of a mass bleaching event.

Palythoa	Fire Coral	Gorgonians
		
<ul style="list-style-type: none"> <li>• Zoanthid</li> <li>• Encrusting</li> <li>• Anemone-like</li> </ul>	<ul style="list-style-type: none"> <li>• Hydrocoral</li> <li>• Encrusting</li> <li>• Stinging polyps</li> </ul>	<ul style="list-style-type: none"> <li>• Octocorals</li> <li>• Soft corals</li> <li>• Branching or encrusting</li> </ul>

**Table 2: Coral ID Key**

The Table below helps identify major groups of corals. More experienced observers are encouraged to identify by family, genus, and/or species where possible.

	<p><b>Brain Corals:</b> Includes all of the following:</p> <ul style="list-style-type: none"> <li>• Brain Corals</li> <li>• Maze Corals</li> <li>• Rose Corals</li> </ul>
	<p><b>Encrusting, Mound &amp; Boulder:</b> Includes all corals that often take the shape of what they grow over or the massive /boulder shaped excluding brain corals.</p>
	<p><b>Branching &amp; Pillar</b> Include all of the following:</p> <ul style="list-style-type: none"> <li>• Branching</li> <li>• Pillar</li> <li>• Finger-like</li> <li>• Knobby</li> </ul>
	<p><b>Plate, Leaf &amp; Sheet</b> Includes all corals that are flattened and are usually layered.</p>
	<p><b>Flowering &amp; Cup</b> Includes all corals that the corallites appears independent from the rest of the colony.</p>
	<p><b>Fleshy Corals</b> Includes all corals with a fleshy appearance.</p> <ul style="list-style-type: none"> <li>▪ Cactus Corals</li> </ul>

Drawings courtesy of Reef Coral Identification-2003 copyright New world Publications www.fishid.com

*Note: Any information submitted in this form becomes public record and may be used by the Florida Department of Environmental Protection in any manner necessary. Participating in this activity is at your own risk and the Department and staff are not responsible for personal injury or loss of property.*