

2015 CORAL SPAWNING PREDICTIONS FOR THE SOUTHERN CARIBBEAN

Stony corals that spawn in August		2-Aug	3-Aug	4-Aug	5-Aug	6-Aug	7-Aug	8-Aug	9-Aug
<i>Acropora palmata</i>	Elkhorn Coral	little	2100-2200	little	?*	?*	?*	?*	
<i>Acropora cervicornis</i>	Staghorn Coral	?*	1900-2230	1900-2230	?*	?*			
<i>Dendrogyra cylindrus</i>	Pilar Coral	2045-2130	2045-2130	2045-2130	2045-2130				
	Days after full moon	2	3	4	5	6	7	8	9

Stony corals that spawn in September OR October		31-Aug	1-Sep	2-Sep	3-Sep	4-Sep	5-Sep	6-Sep	7-Sep
October		29-Sep	30-Sep	1-Oct	2-Oct	3-Oct	4-Oct	5-Oct	6-Oct
<i>Diploria spp.</i>	Brain corals					?*	2245-0100	?*	
<i>Colpophylia natans</i>	Boulder brain coral						1900-1940	1900-1940	
<i>Montastrea cavernosa</i>	Large-cup Star Coral			?*	2200-2300	2200-2300	?*		
<i>Montastrea annularis complex</i>	Star Corals				2140-2240	2140-2240	2140-2240	?*	
<i>Eusmilia fastigiata</i>	Flower Coral				?*	2115-0000	2115-0000	2115-0000	2115-0000
<i>Madracis senaria</i>	Ten-ray Star Coral		all night	all night	all night	all night	all night	all night	all night
<i>Agaricia humilis/A. agaricites</i>	Lettuce Coral		all night	all night	all night	all night	all night	all night	all night
<i>Stephanocoenia intersepta</i>	Blushing Star Coral				?*	2200-2300	2200-2300	2200-2300	?*
<i>Siderastrea siderea</i>	Massive starlet Coral						2205-2300		
	Days after full moon	2	3	4	5	6	7	8	9

2. Sea-urchins, -stars, -cucumbers that spawn in September or October (see dates above)

<i>Diadema antillarum</i>	Black Sea-urchin	←————— 1200 till around 1800, every afternoon —————→
<i>Holothuria mexicana</i>	Donkeydung Sea Cucumber	←————— 1200 till around 1800, every afternoon —————→
Ophiuroidea	Brittle stars/serpent stars	←————— 1930-2300, every night —————→

3. Gorgonians that spawn in September or October (see dates above)

<i>Plexaura</i>	Sea Rods	←————— starting 1900, every day —————→
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4. Worms that spawn in September or October (see dates above)

<i>Hermodice carunculata</i>	Fire Worm	←————— 1200 till around 1900, every afternoon —————→
<i>Spirobranchus giganteus</i>	Christmas Tree Worm	←————— 2100-2230, every day —————→

5. Sponges that spawn in September or October (see dates above)

<i>Neofibularia nolitangere</i>	Do-not-touch-me Sponge	1400-1700 1400-1700 1400-1700 ?*
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To observe spawning:
 make multiple dives
 dive in a place with high coral cover
 do not dive deeper than 50ft to maximize bottom time
 use a moderately bright dive light

* Question marks indicate there may or may not be spawning on that night, unpredictable

Note that the times listed in this table are predictions based on last year's observations. They do not guarantee that spawning occurs during this times.

Please report all spawning observations (i.e. species, time and general observations) to m.vermeij@carmabi.org

