

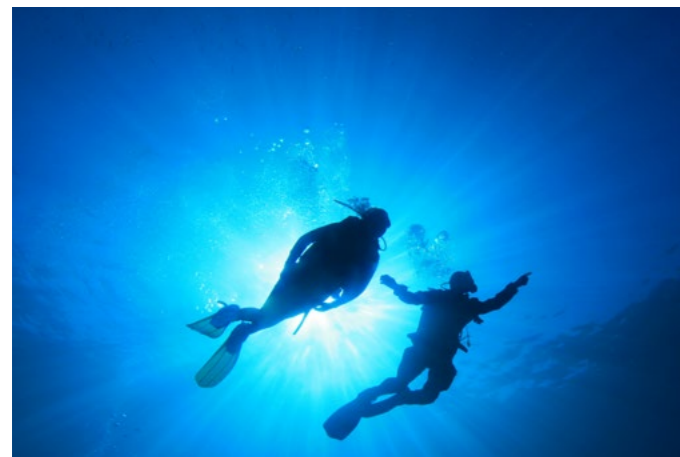


# Coral Spawning Predictions

## To observe spawning:

- Make multiple dives.
- Dive in a place with high coral cover.
- Do not dive deeper than 50 ft to maximize bottom time.
- Use a moderately bright dive light.
- Make sure you have good buoyancy control before going on a coral spawning night dive.
- Make sure you are familiar with the dive site chosen for coral spawning by diving it during the day
- Marine Park Rules apply at all times, DON'T TOUCH, DON'T TAKE, DON'T BRAKE

Buddy Dive cannot guarantee coral spawning based on these predictions.



## Get the most out of your dive!

Ask one of our Dive Guides to join you on a night dive. For availability and prices visit the diveshop or email our reservations team on [reservations@buddydive.com](mailto:reservations@buddydive.com) Night diving experience is required.

		Days after full moon			
		10	11	12	13
<b>Stony corals that spawn monthly from May until October</b>		9 May	10 May	11 May	12 May
		8 Jun	9 Jun	10 Jun	11 Jun
		8 Jul	9 Jul	10 Jul	11 Jul
		6 Aug	7 Aug	8 Aug	9 Aug
		5 Sep	6 Sep	7 Sep	8 Sep
		4 Oct	5 Oct	6 Oct	7 Oct
*consecutive monthly spawning events from spring to fall were observed for this species in Curaçao and Bonaire. It is however not known if this occurs across the Caribbean region.					
		3 Nov	4 Nov	5 Nov	6 Nov
Diploria labyrinthiformis (60 - 0 min BS)	Grooved brain coral	?*	5:10pm - 7:05pm	5:10pm - 7:05pm	?*

		Days after full moon									
		0	1	2	3	4	5	6	7	8	9
<b>Stony corals that spawn in July AND /OR August</b>		27 July	28 Jul	29 Jul	30 Jul	31 Jul	1 Aug	2 Aug	3 Aug	4 Aug	5 Aug
	*split spawning likely to occur	26 Aug	27 Aug	28 Aug	29 Aug	30 Aug	31 Aug	1 Sep	2 Sep	3 Sep	4 Sep
Acropora palmata (140 - 190 min AS)	Elkhorn Coral										
Acropora cervicornis (150 - 190 min AS)	Staghorn Coral	?*	?*	9:10pm - 10:30pm	9:10pm - 10:30pm	9:10pm - 10:30pm	?*	?*			
Dendrogyra cylindrus (105 - 155 min AS)	Pilar Coral			8:30pm - 9:40pm	8:30pm - 9:40pm	8:30pm - 9:40pm	?*				
Could happen any of these days (up to day 12) between 9:00pm - 10:30pm, this species is highly unpredictable.											

		Days after full moon									
		0	1	2	3	4	5	6	7	8	9
<b>Stony corals that spawn in August AND / OR September AND / OR October</b>				28 Aug	29 Aug	30 Aug	31 Aug	1 Sep	2 Sep	3 Sep	4 Sep
				26 Sep	27 Sep	28 Sep	29 Sep	30 Sep	1 Oct	2 Oct	3 Oct
				26 Oct	27 Oct	28 Oct	29 Oct	30 Oct	31 Oct	1 Nov	2 Nov
Dendrogyra cylindrus (105 - 155 min AS)	Pilar Coral			7:55pm - 9:25pm	7:55pm - 9:25pm	7:55pm - 9:25pm					
Pseudodiplora strigosa (40 - 60 and 220 - 270 min AS)	Symmetrical Brain Coral							?*	6:50pm - 7:45pm & 9:50pm - 11:15pm		?*
Colpophyllia natans (35 - 110 min AS)	Boulder Brain Coral								6:45pm - 8:35pm	6:45pm - 8:35pm	
Montastrea cavernosa (15 - 180 min AS)	Large-cup Star Coral							6:25pm - 10pm	6:25pm - 10pm	?*	
Montastrea annularis complex (195 - 250 min AS)	Star Corals						9:25pm - 10:55pm	9:25pm - 10:55pm	9:25pm - 10:55pm	?*	
Siderastrea siderea (210 - 280 min AS)	Massive Starlet Coral						9:40pm - 11:25pm	9:40pm - 11:25pm	9:40pm - 11:25pm		
Stephanocoenia intersepta	Blushing Star Coral						?*	10pm - 11pm	10pm - 11pm	10pm - 11pm	?*
Dichocoenia stokesi	Pineapple Coral					7:30pm - 8:15pm	7:30pm - 8:15pm	7:30pm - 8:15pm	7:30pm - 8:15pm	7:30pm - 8:15pm	7:30pm - 8:15pm
Eusmilia fastigiata (77 - 137 min AS)	Flower Coral						?*	7:20pm - midnight	7:20pm - midnight	7:20pm - midnight	7:20pm - midnight
Madracis senaria	Ten-ray Star Coral					All night	All night	All night	All night	All night	All night
Agaricia humilis/A. agaricites	Lettuce Coral					All night	All night	All night	All night	All night	All night
Meandrina meandrites	Maze Coral										
around 19 days after the full moon (15 Sept, and/or 13 Oct and/or 12 Nov) around 6:30pm											

		Days after full moon									
		0	1	2	3	4	5	6	7	8	9
<b>Sea-urchins, -stars, -cucumbers that spawn in August, September or October (see dates above)</b>											
Diadema Antillarum	Black Sea-Urchin										
Holothuria Mexicana	Donkeydung Sea Cucumber										
Ophiuroidea	Brittle stars/serpent Stars										
<b>Gorgonians that spawn in August, September or October (see dates above)</b>											
Plexaura	Sea Rods										
<b>Worms that spawn in August, September or October (see dates above)</b>											
Hermodice carunculata	Fire Worm										
Spirobranchus giganteus	Christmas Tree Worm										
<b>Sponges that spawn in August, September or October (see dates above)</b>											
Neofibularia nolitangere	Do-not-touch-me-Sponge					2pm - 5pm	2pm - 5pm	2pm - 5pm	?*		

\*Question marks indicate there may or may not be spawning on that night, unpredictable min BS = minutes before sunset and min AS = minutes after sunset.

These indicate the time window of peak release which will vary monthly based on sunset time (www.timeanddate.com).

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

The August spawning is especially hard to predict this year due to an early full moon. Please report all spawning observations (i.e. species, time and general observations, pictures if possible) to m.vermeij@carmabi.org