2013 Coral spawning predictions

	Days after full moon	2	3	4	5	6	7	8	9
Stony corals that spawn in August		23-Aug	24-Aug	25-Aug	26-Aug	27-Aug	28-Aug	29-Aug	30-Aug
1.1 Acropora palmata	Elkhorn Coral	little	2100-2200	little	?*				
1.2 Acropora cervicornis	Staghorn Coral	?*	1900-2230	1900-2230	?*	?*			
Stony corals that spawn in September OR October		21-Sep 21-Oct	22-Sep 22-Oct	23-Sep 23-Oct	24-Sep 24-Oct	25-Sep 25-Oct	26-Sep 26-Oct	27-Sep 27-Oct	28-Sep 28-Oct
1.3 Diploria spp.	Brain corals					?*	2245-0100	?*	
1.4 Montastrea cavernosa	Large-cup Star Coral			?*	2200-2300	2200-2300	?*		
1.5 Montastrea annularis complex	Star Corals				2140-2240	2140-2240	2140-2240	?*	
1.6 Eusmilia fastigiata	Flower Coral				?*	2115-0000	2115-0000	2115-0000	2115-0000
1.7 Madracis senaria	Ten-ray Star Coral		all night	all night	all night	all night	all night	all night	all night
1.8 Agaricia humilis/A. agaricites	Lettuce Coral		all night	all night	all night	all night	all night	all night	all night
1.9 Stephanocoenia intersepta	Blushing Star Coral				?*	2200-2300	2200-2300	2200-2300	?*
1.10 Siderastrea siderea	Massive starlet Coral				2205-2215				
2. Sea-urchins, -stars, -cucumbers that spawn in September or October (see dates above)									
2.1 Diadema antilliarum	Black Sea-urchin	← 1200 till around 1800, every afternoon →							
2.2 Holothuria mexicana	Donkeydung Sea Cucumber	← 1200 till around 1800, every afternoon →							
2.3 Ophiuroidea	Brittle stars/serpent stars	← 1930-2300, every night →							
3. Gorgonians that spawn in September or October (see dates above)									
3.1 Plexaura	Sea Rods	← around 1900, every day →							
4. Worms that spawn in September or October (see dates above)									
4.1 Hermodice carunculata	Fire Worm	← 1200 till around 1900, every afternoon →							
4.2 Spirobranchus giganteus	Christmas Tree Worm	← 2100-2230, every day →							
5. Sponges that spawn in September or October (see dates above)									
5.1 Neofibularia nolitangere	Do-not-touch-me Sponge		1400-1700	1400-1700	1400-1700	?*			

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 marinepark@stinapa.org or m.vermeij@carmabi.org

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