

2009		Full moon on:	Days after full moon						
			3	4	5	6	7	8	9
A= first spawning (Sept)		4-Sep	7-Sep	8-Sep	9-Sep	10-Sep	11-Sep	12-Sep	13-Sep
B= second spawning (Oct)		4-Oct	7-Oct	8-Oct	9-Oct	10-Oct	11-Oct	12-Oct	13-Oct
1. Scleractinia	Stony corals	Spawning cycle	Predicted spawning times						
1.1 <i>Acropora palmata</i>	Elkhorn Coral	A	??	21.15-21.45	21.15-21.45	??			
1.2 <i>Acropora cervicornis</i>	Staghorn Coral	A		??	21.00-22.00	21.00-22.00	??		
1.3 <i>Diploria spp.</i>	Brain corals	A				??	22.45-01.00	??	
1.4 <i>Montastrea cavernosa</i>	Large-cup Star Coral	AB		??	22.00-23.00	22.00-23.00	??		
1.5 <i>Montastrea annularis complex</i>	Mountainous/Boulder Star Corals	AB			??	21.45-23.00	21.45-23.00	??	
1.6 <i>Eusmilia fastigiata</i>	Flower Coral	AB			??	21.15-00.00	21.15-00.00	21.15-00.00	21.15-00.00
1.7 <i>Madracis senaria</i>	Ten-ray Star Coral	AB	all night	all night	all night	all night	all night	all night	all night
1.8 <i>Agaricia humilis/A. agaricites</i>	Lettuce Coral	AB	all night	all night	all night	all night	all night	all night	all night
1.9 <i>Stephanocoenia intersepta</i>	Blushing Star Coral	AB			??	22.00-23.00	22.00-23.00	22.00-23.00	??
2. Echinodermata	Sea-urchins, -stars, -cucumbers								
2.1 <i>Diadema antillarum</i>	Black Sea-urchin	AB	12:00 till around 18:00, every afternoon						
2.2 <i>Holothuria mexicana</i>	Donkeydung Sea Cucumber	AB	12:00 till around 18:00, every afternoon						
2.3 Ophiuroidea	Brittle stars/serpent stars	AB	19.30-23.00, every night						
3. Gorgonacea	Gorgonians								
3.1 <i>Plexaura</i>	Sea Rods	AB	around 19.00, every day						
4. Annelida	Worms								
4.1 <i>Hermodice carunculata</i>	Fire Worm	AB	12.00 till around 19.00, every afternoon						
4.2 <i>Spirobranchus giganteus</i>	Christmas Tree Worm	AB	22.00-23.00						
5. Spongia	Sponges								
5.1 <i>Neofibularia nolitangere</i>	Do-not-touch-me Sponge	AB	14.00-17.00	14.00-17.00	14.00-17.00	??			

* 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.

To increase the likelihood of observing corals spawning, make multiple dives, dive in a place with high coral cover, do not dive deeper than 50ft to maximize bottom time and use a moderately bright dive light.

Please report all spawning observations (i.e. species, time and general observations) to the Bonaire Marine Park (marinepark@stinapa.org) or Mark Vermeij (m.vermeij@carmabi.org)