

2017 Coral Spawning Predictions: Southern Caribbean



		Number of nights after the full moon >>														
		1	2	3	4	5	6	7	8	9	10	11	12	13		
AUGUST 2017		(Full Moon Aug 7 14:10)														
		DATE:	8-Aug	9-Aug	10-Aug	11-Aug	12-Aug	13-Aug	14-Aug	15-Aug	16-Aug	17-Aug	18-Aug	19-Aug	20-Aug	
CORAL SPECIES		COMMON NAME	SUNSET:	18:58	18:58	18:57	18:57	18:57	18:56	18:56	18:55	18:55	18:54	18:54	18:53	18:53
<i>Acropora palmata</i>	Elkhorn Coral		?	?	21:15-22:10	21:15-22:10	21:15-22:10	21:15-22:10	21:15-22:10	?	?	?	?	?	?	?
<i>Acropora cervicornis</i>	Staghorn Coral	PREDICTED	?	21:25-22:10	21:25-22:10	21:25-22:10	21:25-22:10	21:25-22:10	21:25-22:10	?						
<i>Dendrogyra cylindrus</i>	Pillar Coral	SPAWNING		?	20:40-21:40	20:40-21:40	20:40-21:40									
<i>Dichocoenia stokesii</i> ***	Elliptical Star Coral	TIMES							??	20:00-21:30	20:00-21:30	??				
<i>Diploria labyrinthiformis</i> *	Grooved Brain Coral	>>											?	18:00-19:00	18:00-19:00	?
<i>Pseudodiploria strigosa</i> ***	Symmetrical Brain Coral						?		19:25-20:15 and 22:35-23:35		?					
<i>Montastraea cavernosa</i> ***	Great Star Coral						?		19:15-20:30							
SEPTEMBER 2017**		(Full Moon Sept 6 3:02)														
		DATE:	7-Sep	8-Sep	9-Sep	10-Sep	11-Sep	12-Sep	13-Sep	14-Sep	15-Sep	16-Sep	17-Sep	18-Sep	19-Sep	
CORAL SPECIES		COMMON NAME	SUNSET:	18:41	18:41	18:40	18:39	18:39	18:38	18:37	18:37	18:36	18:35	18:35	18:34	18:33
<i>Dendrogyra cylindrus</i>	Pillar Coral			?	20:20-21:20	20:20-21:20	20:20-21:20									
<i>Siderastrea siderea</i>	Massive Starlet Coral	PREDICTED				?		22:10-23:20	?							
<i>Montastraea cavernosa</i> ***	Great Star Coral	SPAWNING					?	18:55-20:10	18:55-20:10	?						
<i>Montastraea franksi</i>	Boulder Star Coral	TIMES					?	20:10-21:10	20:10-21:10	20:10-21:10	?					
<i>Montastraea/Orbicella faveolata</i> *	Mountainous Star Coral	>>					?	21:55-22:55	21:55-22:55	21:55-22:55	?					
<i>Montastraea/Orbicella annularis</i>	Boulder Star Coral					?	21:55-22:55	21:55-22:55	21:55-22:55	?						
<i>Colpophyllia natans</i> *	Boulder Brain Coral						?	19:15-20:30	19:15-20:30	?						
<i>Eusmilia fastigiata</i>	Smooth Flower Coral						?	?	20:00-21:00	?	?	?				
<i>Stephanocoenia intersepta</i>	Blushing Star Coral						?	22:00-23:00	22:00-23:00	22:00-23:00	?					
<i>Dichocoenia stokesii</i> ***	Elliptical Star Coral							??	20:00-21:30	20:00-21:30	??					
<i>Pseudodiploria clivosa</i> ***	Knobby Brain Coral							??	22:00-1:00	??	?	?				
<i>Pseudodiploria strigosa</i> ***	Symmetrical Brain Coral						?		19:05-19:55 and 22:20-23:10	?						
<i>Diploria labyrinthiformis</i> *	Grooved Brain Coral											?	17:40-18:40	17:40-18:40	?	
<i>Madracis senaria</i>	Ten-Ray Star Coral															
<i>Agaricia humilis & A. agaricites</i>	Lettuce Coral				all night	all night	all night	all night	all night	all night	all night	all night				
OCTOBER 2017		(Full Moon Oct 5 14:40)														
		DATE:	6-Oct	7-Oct	8-Oct	9-Oct	10-Oct	11-Oct	12-Oct	13-Oct	14-Oct	15-Oct	16-Oct	17-Oct	18-Oct	
CORAL SPECIES		COMMON NAME	SUNSET:	18:41	18:41	18:21	18:20	18:19	18:19	18:18	18:18	18:17	18:17	18:16	18:16	18:15
<i>Siderastrea siderea</i>	Massive Starlet Coral					?	21:50-23:00	?								
<i>Montastraea cavernosa</i> ***	Great Star Coral	PREDICTED					?	18:35-19:50	18:35-19:50	?						
<i>Montastraea franksi</i>	Boulder Star Coral	SPAWNING				?	19:50-20:50	19:50-20:50	19:50-20:50	?						
<i>Montastraea/Orbicella faveolata</i> *	Mountainous Star Coral	TIMES					?	21:30-22:30	21:30-22:30	?						
<i>Montastraea/Orbicella annularis</i>	Boulder Star Coral	>>					?	21:30-22:30	21:30-22:30	?						
<i>Colpophyllia natans</i> *	Boulder Brain Coral						?	18:55-20:10	18:55-20:10	?						
<i>Eusmilia fastigiata</i>	Smooth Flower Coral						?	?	19:35-20:35	?	?	?				
<i>Stephanocoenia intersepta</i>	Blushing Star Coral						?	22:00-23:00	22:00-23:00	22:00-23:00	?					
<i>Dichocoenia stokesii</i> ***	Elliptical Star Coral							??	20:00-21:30	20:00-21:30	??					
<i>Pseudodiploria clivosa</i> ***	Knobby Brain Coral							??	22:00-1:00	??	?	?				
<i>Pseudodiploria strigosa</i> ***	Symmetrical Brain Coral						?		18:45-19:35 and 22:00-22:50	?						
<i>Diploria labyrinthiformis</i> *	Grooved Brain Coral											?	17:20-18:20	17:20-18:20	?	
<i>Madracis senaria</i>	Ten-Ray Star Coral				all night	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	all night				
SPONGES, GORGONIANS, URCHINS, WORMS, ETC...		(Full Moon Sept 6 3:02)														
		DATE:	7-Sep	7-Oct	8-Oct	9-Oct	10-Oct	11-Oct	12-Oct	13-Oct	14-Oct	15-Oct	16-Oct	17-Oct	18-Oct	
SPECIES NAME		COMMON NAME	DATE:	6-Oct	8-Sep	9-Sep	10-Sep	11-Sep	12-Sep	13-Sep	14-Sep	15-Sep	16-Sep	17-Sep	18-Sep	19-Sep
<i>Neofibularia nolitangere</i>	Touch-me-not Sponge				14:00-17:00	14:00-17:00	14:00-17:00	?								
<i>Plexaura homomalla</i>	Black Sea Rod	PREDICTED			?	?	20:00-23:00	20:00-23:00	20:00-23:00	?	?					
<i>Pseudopterogorgia spp.</i>	Sea Plumes	SPAWNING				?	?	20:00-23:00	20:00-23:00	20:00-23:00	?					
<i>Plexaura, Pseudoplexaura, Eunicia</i>	Sea Rods	TIMES														
<i>Diadema antillarum</i>	Long-spine Sea Urchin	>>							Starting 19:00, every day							
Ophiuroidea	Brittle Stars/Serpent Stars								Approximately 12:00 to 21:00, every day							
<i>Holothuria mexicana</i>	Donkeydung Sea Cucumber								Approximately 19:30 to 23:00, every night							
<i>Hermodice carunculata</i>	Fire Worm								Approximately 12:00 to 18:00, every afternoon							
<i>Spirobranchus giganteus</i>	Christmas Tree Worm								Approximately 12:00 to 19:00, every afternoon							
									Approximately 21:00 to 22:30, every day							

*Impressive and most predictable spawning events. **In September, corals may spawn relatively early in their predicted date range. ***These species (marked with dotted lines) are still being figured out: please send observations to carmabilog@gmail.com. Thanks!
 To observe spawning: Make multiple dives, dive in a place with high coral cover, keep attention on "likely" species, dive shallower than 50 ft to maximize bottom time, use a moderately bright dive light, scan the water column for bundles

If possible, report coral spawning observations to carmabilog@gmail.com and report (1) site/ reef, (2) name observer, (3) depth where monitoring took place, (4) date of observation, (4) times that monitoring started and ended, (5) all species that were monitored, (6) all species that spawned or released larvae (7) the times that gametes were first visible, (8) the times that specific coral species spawned, (9) potentially interesting additional observations and if possible pictures!

Note also that many coral species are not listed here as their spawning times are currently unknown. Diving outside the time periods mentioned above, would thus likely contribute to observations on such species (e.g., *Dichocoenia stokesi*, *Meandrina meandrites*)