

			Days AFM:																	
			Calendar Date:																	
			Sunset Time:																	
Latin name	Common Name	Spawning Window																		
<i>Diploria labyrinthiformis</i> *	Grooved Brain Coral	60-0 min BS															10	11	12	13
																	27-Jun	28-Jun	29-Jun	30-Jun
																	19:03	19:03	19:04	19:04

*Consecutive monthly spawning events have been observed from May to October in Curaçao, Bonaire, the Dominican Republic, and Mexico. It is unknown if this occurs across the entire region. New observations are encouraged!

			Days AFM:																	
			Calendar Date:																	
			Sunset Time:																	
Latin name	Common Name	Spawning Window	0	1	2	3	4	5	6	7	8	9	10	11	12	13				
<i>Dendrogyra cylindrus</i>	Pillar Coral	105-155 min AS	?	?	?			20:45-21:45												
<i>Montastraea cavemosa</i>	Great Star Coral	15-165 min AS				?	?	?												
<i>Colpophyllia natans</i>	Boulder Brain Coral	35-110 min AS																		
<i>Pseudodiploria strigosa</i> (Early group)	Symmetrical Brain Coral	40-60 min AS																		
<i>Pseudodiploria strigosa</i> (Late group)	Symmetrical Brain Coral	220-270 min AS																		
<i>Diploria labyrinthiformis</i> *	Grooved Brain Coral	60-0 min BS																		

			Days AFM:																	
			Calendar Date:																	
			Sunset Time:																	
Latin name	Common Name	Spawning Window	0	1	2	3	4	5	6	7	8	9	10	11	12	13				
<i>Acropora palmata</i>	Elkhorn Coral	140-190 min AS																		
<i>Acropora cervicornis</i>	Staghorn Coral	150-190 min AS																		
<i>Dendrogyra cylindrus</i>	Pillar Coral	105-155 min AS	?																	
<i>Montastraea cavemosa</i>	Great Star Coral	15-165 min AS																		
<i>Colpophyllia natans</i>	Boulder Brain Coral	35-110 min AS																		
<i>Pseudodiploria strigosa</i> (Early group)	Symmetrical Brain Coral	40-60 min AS																		
<i>Pseudodiploria strigosa</i> (Late group)	Symmetrical Brain Coral	220-270 min AS																		
<i>Diploria labyrinthiformis</i> *	Grooved Brain Coral	60-0 min BS																		

			Days AFM:																	
			Calendar Date:																	
			Sunset Time:																	
Latin name	Common name	Spawning Window	0	1	2	3	4	5	6	7	8	9	10	11	12	13				
<i>Dendrogyra cylindrus</i>	Pillar Coral	105-155 min AS	?																	
<i>Siderastrea siderea</i>	Massive Starlet Coral	210-280 min AS																		
<i>Montastraea cavemosa</i>	Great Star Coral	15-165 min AS																		
<i>Montastraea/Orbicella annularis</i>	Lobed/Boulder Star Coral	195-250 min AS																		
<i>Montastraea/Orbicella faveolata</i>	Mountainous Star Coral	195-250 min AS																		
<i>Montastraea/Orbicella franksi</i>	Boulder Star Coral	90-150 min AS																		
<i>Colpophyllia natans</i>	Boulder Brain Coral	35-110 min AS																		
<i>Pseudodiploria strigosa</i> (Early group)	Symmetrical Brain Coral	40-60 min AS																		
<i>Pseudodiploria strigosa</i> (Late group)	Symmetrical Brain Coral	220-270 min AS																		
<i>Pseudodiploria clivosa</i>	Knobby Brain Coral	210-255 min AS																		
<i>Stephanocoenia intersepta</i>	Blushing Star Coral	170-205 min AS																		
<i>Dichocoenia stokesii</i>	Pineapple Coral	90-170 min AS																		
<i>Eusmilia fastigiata</i>	Smooth Flower Coral	75-140 min AS																		
<i>Meandrina meandrites</i>	Maze Coral	10-70 min AS																		
<i>Madracis senaria</i>	Ten-Ray Star Coral	all night																		
<i>Agaricia humilis/Agaricia agaricites</i>	Lettuce Coral	all night																		
<i>Diploria labyrinthiformis</i> *	Grooved Brain Coral	60-0 min BS																		

			Days AFM:																	
			Calendar Date:																	
			Sunset Time:																	
Latin name	Common Name	Spawning Window	0	1	2	3	4	5	6	7	8	9	10	11	12	13				
<i>Dendrogyra cylindrus</i>	Pillar Coral	105-155 min AS	?	?	?															
<i>Siderastrea siderea</i>	Massive Starlet Coral	210-280 min AS																		
<i>Montastraea cavemosa</i>	Great Star Coral	15-165 min AS																		
<i>Montastraea/Orbicella annularis</i>	Lobed/Boulder Star Coral	195-250 min AS																		
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<i>Montastraea/Orbicella franksi</i>	Boulder Star Coral	90-150 min AS																		
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<i>Pseudodiploria strigosa</i> (Early group)	Symmetrical Brain Coral	40-60 min AS																		
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			Days AFM:																	
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			Sunset Time:																	
Latin name	Common Name	Spawning Window	0	1	2	3	4	5	6	7	8	9	10	11	12	13				
<i>Neofibularia nolitangere</i>	Touch-Me-Not Sponge																			
<i>Plexaura homomalla</i>	Black Sea Rod																			
<i>Pseudopterogorgia</i> spp.	Sea Plume																			
<i>Plexaura, Pseudoplexaura, Eunicia</i>	Sea Rod																			
<i>Diadema antillarum</i>	Long-Spined Sea Urchin																			
<i>Holothuria mexicana</i>	Donkeydung Sea Cucumber																			
<i>Ophiuroidea</i>	Brittle Sea Star/Serpent Star																			
<i>Hermodice carunculata</i>	Fire Worm																			
<i>Spirobranchus giganteus</i>	Christmas Tree Worm																			

Legend:

Days AFM: Days After the Full Moon
 min BS = Minutes Before Sunset
 min AS = Minutes After Sunset

Gray with ?: Spawning is unlikely but possible (This species is understudied for these dates and times. Additional observations during these windows are highly encouraged!)

Pale Yellow: Spawning is possible

Bright Orange: Spawning is likely

Red: Spawning is very likely

To Observe Spawning

- Make multiple dives
- Dive in a place with high coral cover
- Enter the water at least 15 min before predicted times
- Do not dive deeper than 50 ft to maximize bottom time
- Use a moderately bright dive light
- Scan the water column for clouds of spawn

Notes

Your observations help coral research! Please report your spawning observations (including species, date, time, location, and pictures if possible) to carmablog@gmail.com. If you would like to become a regular contributor to the Coral Restoration Consortium coral spawning database, please contact v.chamberland@secore.org

These predictions are based on observations from previous years: They do not guarantee that spawning will occur during these times.

Spawning times vary monthly based on local sunset times. To look up your local sunset times, visit www.sunandmoon.com.

Thank you to everyone who has collected and contributed spawning information over the past 25+ years! We wish you a safe and productive spawning season!

