



Coral Spawning Predictions

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.
- 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.

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!)
- **Yellow:** Spawning is possible
- **Blue:** Spawning is likely
- **Orange:** Spawning is very likely

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 Night diving experience is required.

Latin name	Common Name	Spawning Window														
			Days AFM:													
			0	1	2	3	4	5	6	7	8	9	10	11	12	13
			Calendar Date:													
			16-Jul	17-Jul	18-Jul	19-Jul	20-Jul	21-Jul	22-Jul	23-Jul	24-Jul	25-Jul	26-Jul	27-Jul	28-Jul	29-Jul
			Sunset Time:													
			19:04	19:04	19:04	19:04	19:04	19:04	19:03	19:03	19:03	19:03	19:03	19:02	19:02	19:02
<i>Dendrogyra cylindrus</i>	Pillar Coral	105-155 min AS	?	?	?			20:45-21:45								
<i>Montastraea cavernosa</i>	Great Star Coral	15-165 min AS				?	?	?		19:15-21:55						
<i>Colpophyllia natans</i>	Boulder Brain Coral	35-110 min AS								19:30-21:00						
<i>Pseudodiploria strigosa (Early group)</i>	Symmetrical Brain Coral	40-60 min AS								19:40-20:05						
<i>Pseudodiploria strigosa (Late group)</i>	Symmetrical Brain Coral	220-270 min AS								22:40-23:40						
<i>Diploria labyrinthiformis*</i>	Grooved Brain Coral	60-0 min BS												17:55-19:05		
August			Calendar Date:													
			15-Aug	16-Aug	17-Aug	18-Aug	19-Aug	20-Aug	21-Aug	22-Aug	23-Aug	24-Aug	26-Aug	27-Aug	28-Aug	29-Aug
			Sunset Time:													
			18:55	18:55	18:54	18:54	18:53	18:53	18:52	18:52	18:51	18:51	18:50	18:49	18:49	18:48
<i>Acropora palmata</i>	Elkhorn Coral	140-190 min AS	21:10-22:10 (Spawning could happen any of these days. This species is highly unpredictable in the Southern Caribbean)													
<i>Acropora cervicornis</i>	Staghorn Coral	150-190 min AS				21:20-22:10										
<i>Dendrogyra cylindrus</i>	Pillar Coral	105-155 min AS	?				20:35-21:35									
<i>Montastraea cavernosa</i>	Great Star Coral	15-165 min AS				?	?	?		19:05-21:40						
<i>Colpophyllia natans</i>	Boulder Brain Coral	35-110 min AS								18:50-20:50						
<i>Pseudodiploria strigosa (Early group)</i>	Symmetrical Brain Coral	40-60 min AS								19:30-19:55						
<i>Pseudodiploria strigosa (Late group)</i>	Symmetrical Brain Coral	220-270 min AS								22:25-23:35						
<i>Diploria labyrinthiformis*</i>	Grooved Brain Coral	60-0 min BS												17:45-18:55		
September			Calendar Date:													
			13-Sep	14-Sep	15-Sep	16-Sep	17-Sep	18-Sep	19-Sep	20-Sep	21-Sep	22-Sep	23-Sep	24-Sep	25-Sep	26-Sep
			Sunset Time:													
			18:37	18:36	18:36	18:35	18:34	18:33	18:33	18:32	18:31	18:31	18:30	18:29	18:29	18:28
<i>Dendrogyra cylindrus</i>	Pillar Coral	105-155 min AS	?				20:15-21:15									
<i>Siderastrea siderea</i>	Massive Starlet Coral	210-280 min AS						22:00-23:15								
<i>Montastraea cavernosa</i>	Great Star Coral	15-165 min AS								18:45-21:25						
<i>Montastraea/Orbicella annularis</i>	Lobed/Boulder Star Coral	195-250 min AS								21:40-22:50						
<i>Montastraea/Orbicella faveolata</i>	Mountainous Star Coral	195-250 min AS								21:40-22:50						
<i>Montastraea/Orbicella franksi</i>	Boulder Star Coral	90-150 min AS								20:00-21:05						
<i>Colpophyllia natans</i>	Boulder Brain Coral	35-110 min AS								19:05-20:30						
<i>Pseudodiploria strigosa (Early group)</i>	Symmetrical Brain Coral	40-60 min AS								19:05-19:35						
<i>Pseudodiploria strigosa (Late group)</i>	Symmetrical Brain Coral	220-270 min AS								22:10-23:05						
<i>Pseudodiploria clivosa</i>	Knobby Brain Coral	210-255 min AS								22:00-22:55						
<i>Stephanocoenia intersepta</i>	Blushing Star Coral	170-205 min AS				?				21:15-22:05						
<i>Dichocoenia stokesii</i>	Pineapple Coral	90-170 min AS		?	?					20:00-21:25 (Spawns more than 20 nights in a row, expected through Oct 7 or later)						
<i>Eusmilia fastigiata</i>	Smooth Flower Coral	75-140 min AS								19:20-00:00						
<i>Meandrina meandrites</i>	Maze Coral	10-70 min AS			?	?				18:40-19:50 (Spawns many different nights in this range, expected through Oct 3 or later)						
<i>Madracis senaria</i>	Ten-Ray Star Coral	all night								all night						
<i>Agaricia humilis/Agaricia agaricites</i>	Lettuce Coral	all night								all night						
<i>Diploria labyrinthiformis*</i>	Grooved Brain Coral	60-0 min BS												17:25-18:35		
October			Calendar Date:													
			14-Oct	15-Oct	16-Oct	17-Oct	18-Oct	19-Oct	20-Oct	21-Oct	22-Oct	23-Oct	24-Oct	25-Oct	26-Oct	27-Oct
			Sunset Time:													
			18:17	18:17	18:16	18:16	18:15	18:15	18:14	18:14	18:13	18:13	18:13	18:12	18:12	18:28
<i>Dendrogyra cylindrus</i>	Pillar Coral	105-155 min AS	?	?	?			20:05-20:55								
<i>Siderastrea siderea</i>	Massive Starlet Coral	210-280 min AS						21:40-23:00								
<i>Montastraea cavernosa</i>	Great Star Coral	15-165 min AS				?				18:25-21:05						
<i>Montastraea/Orbicella annularis</i>	Lobed/Boulder Star Coral	195-250 min AS								21:25-22:30						
<i>Montastraea/Orbicella faveolata</i>	Mountainous Star Coral	195-250 min AS								21:25-22:30						
<i>Montastraea/Orbicella franksi</i>	Boulder Star Coral	90-150 min AS								19:40-20:50						
<i>Colpophyllia natans</i>	Boulder Brain Coral	35-110 min AS								18:35-20:10						
<i>Pseudodiploria strigosa (Early group)</i>	Symmetrical Brain Coral	40-60 min AS								18:50-19:20						
<i>Pseudodiploria strigosa (Late group)</i>	Symmetrical Brain Coral	220-270 min AS								21:50-22:50						
<i>Pseudodiploria clivosa</i>	Knobby Brain Coral	210-255 min AS								21:40-22:35						
<i>Stephanocoenia intersepta</i>	Blushing Star Coral	170-205 min AS				?				21:00-21:45						
<i>Dichocoenia stokesii</i>	Pineapple Coral	90-170 min AS		?	?					19:40-21:10 (Spawns more than 20 nights in a row, expected through Nov 6 or later)						
<i>Eusmilia fastigiata</i>	Smooth Flower Coral	75-140 min AS								19:00-00:00						
<i>Meandrina meandrites</i>	Maze Coral	10-70 min AS			?	?				18:20-19:30 (Spawns many different nights in this range, expected through Nov 2 or later)						
<i>Madracis senaria</i>	Ten-Ray Star Coral	all night								all night						
<i>Agaricia humilis/Agaricia agaricites</i>	Lettuce Coral	all night								all night						
<i>Diploria labyrinthiformis*</i>	Grooved Brain Coral	60-0 min BS												17:05-18:15		
August, September, and/or October			Calendar Date:													
			See tables above for calendar dates in August, September, and October													
<i>Neofibularia nolitangere</i>	Touch-Me-Not Sponge						14:00-17:00									
<i>Plexaura homomalla</i>	Black Sea Rod							19:00-23:00								
<i>Pseudopterogorgia spp.</i>	Sea Plume							20:00-23:00								
<i>Plexaura, Pseudoplexaura, Eunicia</i>	Sea Rod							starting at 19:00								
<i>Diadema antillarum</i>	Long-Spined Sea Urchin									12:00-21:00, every day						
<i>Holothuria mexicana</i>	Donkeydung Sea Cucumber									12:00-18:00, every afternoon						
<i>Ophiuroidea</i>	Brittle Sea Star/Serpent Star									19:30-23:00, every night						
<i>Hermodice carunculata</i>	Fire Worm									12:00-19:00, every afternoon						
<i>Spirobranchus giganteus</i>	Christmas Tree Worm									21:00-22:30, every night						

*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!