

Breakers Reef (Shallow)
Palm Beach County, Florida

PB Break (SHALLOW)	Baseline Low	Baseline High	3rd Qtr **	1st Qtr	2nd Qtr	3rd Qtr	Average	1st Qtr	3rd Qtr	4th Qtr	Average	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Average	1st Qtr	Overall Average
Dates	8/97-3/01	8/97-3/01	Aug-97	Feb-98	May-98	Aug-98	1998	Feb-99	Jul-99	Dec-99	1999	Mar-00	Jun-00	Aug-00		2000	Mar-01	
Hard Coral	3.6	23.2	5.8	6.1	3.6	4.5	5.0	11	8.5	9.2	9.6	23.2	6.7	7.6		12.5	9.0	8.7
Soft Coral	2	16.2	3.7	3.4	5.1	9.6	5.5	2	3.5	2	2.5	11.1	10.8	16.2		12.7	3.0	6.4
Algae	1.5	45.9	44.7	44.4	10.2	36.9	34.1	1.5	12.6	45.9	20.0	13.1	15.9	14.2		14.4	22.6	23.8
Palithoa	0.3	7.1	1.1	0.3	4.1	2	1.9	5	4	2.6	3.9	3.5	1.5	7.1		4.0	4.0	3.2
Abiotic	22.4	61.9	25.8	33.1	61.9	25.8	36.7	57	47.2	22.4	42.2	35.4	48.2	30.5		38.0	40.7	38.9
Other Biotics	12.6	24.4	18.9	12.6	15.2	21.2	17.0	23.5	24.1	17.9	21.8	13.6	16.9	24.4		18.3	20.6	19.0
Hard Coral Healthy	60	100	90.9		60	100	83.6	100	100	100	100.0	100	100	100		100.0	100.0	95.1
Hard Coral Bleached	0	40	9.1		40	0	16.4	0	0	0	0.0	0	0	0		0.0	0.0	4.9
Hard Coral Sick	0	0	0		0	0	0.0	0	0	0	0.0	0	0	0		0.0	0.0	0.0
# Hard Coral Species	1	10	3			5	4.0	10		1	5.50		4			4.0		4.6

Species Found		D. clivosa		C. natans		C. natans	Mound	M. annularis		Star	D. strigosa	Star		Branch
		D. strigosa		D. strigosa		D. strigosa	Fire			Brain	F. fragum	Brain		Mound
		M. cavernosa		F. fragum		F. fragum	Star			Leaf	M. cavernos	Mound		Star
		5nold		M. cavernosa		M. meand	Brain			Fire	S. michilini	Other		Fire
				S. radians		M. alcorn					2 no ID			

M. cavern
M. annu
P. astreoids
S. radians
S. siderea