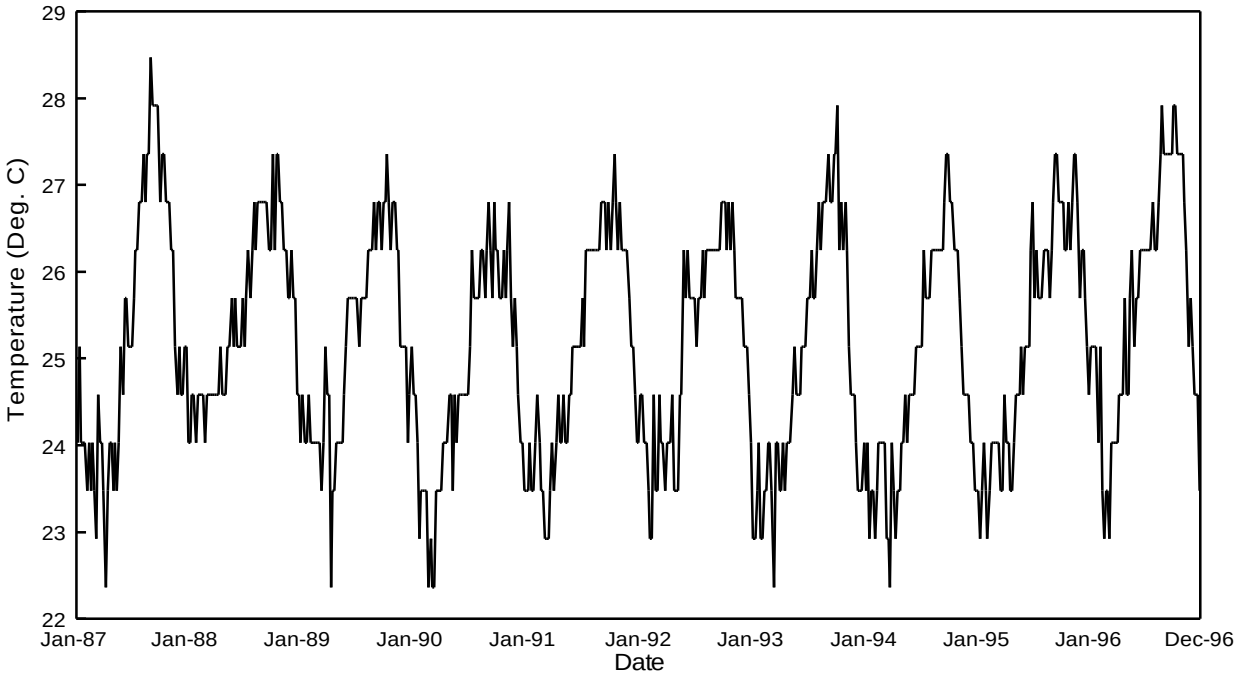
Figure 3. Kahe Ambient Water
Temperatures, 1987 Through 1996



Kahe Coral Percent Coverage

1981

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	Replaced in 1986								
2B	2	17.3	0.0	13.8	0.0	0.2	2.5	0.0	0.0	33.8
2B	3	Replaced in 1987								
2B	4	8.7	0.0	14.4	0.0	0.0	1.6	0.0	0.0	24.7
2B	5	23.7	0.0	2.9	0.0	0.2	0.0	0.0	9.7	26.8
2B	6	28.9	2.1	8.2	0.0	0.0	0.0	0.0	4.3	39.2
2B	7	9.5	0.0	2.1	0.0	1.2	0.6	0.0	0.0	13.4
2B	8	6.0	0.0	3.1	0.0	1.4	2.5	0.4	2.9	13.4
2B	9	22.5	0.0	4.9	1.6	0.2	0.0	0.6	0.0	29.9
2B	10	23.3	0.0	9.5	0.0	0.2	0.0	0.2	0.0	33.2
6B	1	7.4	0.0	1.6	0.0	3.3	2.5	0.2	0.0	15.1
6B	2	Replaced in 1991								
6B	3	6.2	0.0	5.4	0.0	2.3	2.3	1.2	0.0	17.3
6B	4	3.5	0.0	5.6	0.0	0.0	0.0	0.0	0.0	9.1
6B	2	Replaced in 1991								
6B	6	11.3	0.0	11.3	0.0	1.0	2.9	0.0	2.3	26.6
6B	7	5.8	3.7	1.4	0.0	0.0	0.0	0.0	3.1	10.9
6B	8	Replaced in 1987								
6B	9	6.0	0.0	3.1	0.0	0.4	0.0	0.0	0.0	9.5
6B	10	5.4	0.0	3.9	0.0	0.6	0.0	0.0	0.0	9.9
8A	1	15.3	0.0	1.4	0.0	4.1	4.1	0.0	0.0	24.9
8A	2	2.9	0.0	1.9	0.0	1.4	1.9	0.0	0.0	8.0
8A	3	8.0	0.0	2.3	0.0	1.9	0.8	0.0	0.0	13.0
8A	4	Replaced in 1987								
8A	5	7.0	0.0	1.9	0.0	0.0	0.4	0.4	0.0	9.7
8A	6	21.4	0.0	5.4	0.0	0.2	1.2	0.2	7.2	28.5
8A	7	20.0	0.0	1.4	1.0	0.0	0.0	0.0	1.9	22.5
8A	8	29.9	0.0	0.4	0.0	0.0	0.0	0.0	2.9	30.3
8A	9	14.8	0.0	1.2	0.8	1.0	0.0	0.0	0.4	17.9
8A	10	20.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	21.0
CTL	1	6.8	0.0	6.6	0.0	0.0	1.6	0.2	0.0	15.3
CTL	2	10.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	10.5

CTL	3	9.3	0.0	0.0	0.0	0.0	0.0	1.4	0.0	10.7
CTL	4	15.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	15.9
CTL	5	20.2	0.0	1.4	0.0	0.0	0.0	0.8	6.8	22.5
CTL	6	No data in1981								
CTL	7	Replaced in 1986								
CTL	8	22.7	0.0	1.9	0.0	0.4	0.0	0.0	1.2	24.9
CTL	9	24.1	0.0	4.9	0.0	1.9	0.0	0.0	0.0	30.9
CTL	10	14.2	0.0	5.2	0.0	1.4	2.7	0.0	0.0	23.5

Sta	Quad	P_lob	P_com	P_mean	1982 L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	Replaced in 1986								
2B	2	20.2	0.0	12.0	0.0	0.0	0.0	0.0	5.4	32.2
2B	3	Replaced in 1987								
2B	4	8.8	0.0	15.0	0.0	0.0	1.4	0.0	1.8	25.2
2B	5	18.8	0.0	0.6	0.0	0.0	0.4	0.0	0.0	19.8
2B	6	26.4	2.2	8.0	0.0	0.0	0.0	0.0	16.1	36.6
2B	7	11.2	0.0	3.0	0.0	1.0	1.0	0.0	1.6	16.2
2B	8	4.8	0.0	3.4	0.0	0.0	3.6	0.4	2.4	12.2
2B	9	23.0	0.0	5.4	0.0	0.0	2.6	0.6	0.0	31.6
2B	10	18.2	0.0	9.8	0.0	0.0	0.8	0.6	4.2	29.4
6B	1	6.8	0.0	2.8	0.0	0.0	3.0	0.6	0.0	13.2
6B	2	Replaced in 1991								
6B	3	5.8	0.0	5.6	0.0	1.2	3.2	1.6	0.0	17.4
6B	4	4.0	0.0	4.4	0.0	0.2	0.0	0.0	0.0	8.6
6B	2	Replaced in 1991								
6B	6	0.0	0.0	8.8	0.0	0.0	4.0	0.0	2.2	12.8
6B	7	6.2	4.6	1.0	0.0	0.0	0.0	0.0	2.4	11.8
6B	8	9.4	0.0	6.4	0.0	0.0	3.8	0.0	1.4	19.8
6B	9	5.4	0.0	1.4	0.0	0.0	0.4	0.0	0.0	7.2
6B	10	4.4	0.0	4.6	0.0	0.2	0.4	0.0	0.0	9.6
8A	1	No data in1982								
8A	2	7.2	0.0	3.2	0.0	0.0	2.2	0.0	2.6	12.6
8A	3	6.8	0.0	2.2	0.0	0.2	1.0	0.0	0.0	10.2
8A	4	Replaced in 1986								
8A	5	11.0	0.0	1.8	0.0	0.0	0.4	0.4	1.2	13.6
8A	6	22.6	0.0	5.0	0.0	0.0	1.4	0.4	5.4	29.4
8A	7	21.4	0.0	2.6	0.6	0.0	0.0	0.0	1.8	24.6
8A	8	25.8	0.8	0.6	0.0	0.0	0.6	0.0	0.6	27.8
8A	9	15.4	0.0	1.4	0.0	0.2	0.8	0.0	1.6	17.8
8A	10	17.2	0.0	2.2	0.0	0.0	0.0	0.0	0.6	19.4
CTL	1	3.0	2.2	6.2	0.0	0.0	0.0	0.0	2.0	11.4
CTL	2	5.8	0.0	0.0	0.0	0.0	1.0	0.0	1.0	6.8
CTL	3	8.4	0.0	0.0	0.0	0.0	0.0	1.4	2.2	9.8

CTL	4	9.0	0.0	0.6	0.0	0.0	0.0	0.0	1.2	9.6
CTL	5	15.0	2.0	1.2	0.0	0.0	1.4	0.0	7.2	19.6
CTL	6	3.4	0.0	0.0	0.0	0.0	0.0	0.0	6.0	3.4
CTL	7	Replaced in 1986								
CTL	8	8.0	1.2	2.0	0.0	0.0	1.6	0.0	1.6	12.8
CTL	9	15.4	0.0	2.0	0.0	0.0	0.2	0.0	3.0	17.6
CTL	10	10.8	0.0	3.4	0.0	0.0	0.0	0.2	4.8	14.4

1983

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	Replaced in 1986								
2B	2	21.0	0.0	10.8	0.0	0.0	0.0	0.0	1.2	31.8
2B	3	Replaced in 1987								
2B	4	11.4	0.0	11.6	0.0	0.0	0.4	0.0	3.0	23.4
2B	5	16.4	0.0	0.6	0.0	0.0	0.6	0.0	3.2	17.6
2B	6	16.4	2.8	6.6	0.0	0.0	0.6	0.0	1.0	26.4
2B	7	12.0	0.0	3.8	0.0	1.0	1.0	0.0	3.8	17.8
2B	8	5.6	0.0	2.6	0.0	0.0	2.0	0.6	3.0	10.8
2B	9	22.4	0.0	6.6	1.4	0.0	0.8	0.4	0.0	31.6
2B	10	23.0	0.0	9.2	0.0	0.0	0.6	0.8	2.0	33.6
6B	1	11.4	0.0	0.6	0.0	0.0	3.2	0.6	0.0	15.8
6B	2	Replaced in 1991								
6B	3	2.8	0.0	0.6	0.0	0.8	1.6	1.4	0.0	7.2
6B	4	4.8	0.0	6.8	0.0	0.8	0.0	0.0	0.0	12.4
6B	2	Replaced in 1991								
6B	6	11.6	0.0	12.2	0.0	1.2	3.6	0.0	2.6	28.6
6B	7	8.2	0.0	0.8	0.0	0.0	0.0	0.0	3.2	9.0
6B	8	9.4	0.0	8.0	0.0	0.0	3.6	0.0	0.0	21.0
6B	9	6.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	7.4
6B	10	8.0	0.0	5.6	0.0	0.2	0.4	0.0	0.0	14.2
8A	1	10.4	0.0	4.2	0.0	0.0	0.0	0.0	2.6	14.6
8A	2	7.0	0.0	3.6	0.0	0.0	1.0	0.0	2.0	11.6
8A	3	6.8	0.0	3.8	0.0	0.0	0.0	0.0	1.8	10.6
8A	4	Replaced in 1986								
8A	5	7.8	0.0	3.2	0.0	0.0	0.0	0.0	2.8	11.0
8A	6	14.8	0.0	0.0	0.0	0.4	0.6	1.4	4.6	17.2
8A	7	14.8	0.0	4.8	1.0	0.0	0.0	0.0	1.0	20.6
8A	8	24.0	1.2	1.4	0.2	0.0	0.2	0.0	0.0	27.0
8A	9	9.2	0.0	2.2	0.0	0.0	0.6	0.0	2.0	12.0
8A	10	11.2	0.0	4.2	0.0	0.0	0.0	0.0	5.8	15.4
CTL	1	6.4	2.2	6.6	0.0	0.0	0.0	0.0	0.6	13.0
CTL	2	5.8	0.0	0.0	0.0	0.0	0.0	0.2	2.0	6.0
CTL	3	7.2	0.0	0.0	0.0	0.0	0.0	1.4	0.0	8.6

CTL	4	9.2	0.0	0.4	0.0	0.2	0.0	0.0	0.6	9.8
CTL	5	14.8	0.0	1.8	0.0	0.0	0.4	0.0	5.8	17.0
CTL	6	3.2	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.2
CTL	7	Replaced in 1986								
CTL	8	7.4	1.2	0.0	0.0	0.0	1.6	0.0	2.8	9.0
CTL	9	11.8	0.0	0.0	0.0	0.0	0.4	0.0	3.6	12.2
CTL	10	10.0	0.0	0.0	3.6	0.0	0.0	0.0	2.6	13.6

1984

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	Replaced in 1986								
2B	2	17.5	0.0	7.2	0.0	0.0	1.2	0.2	0.0	26.2
2B	3	Replaced in 1987								
2B	4	10.0	0.0	6.6	0.2	0.0	1.0	0.0	0.0	8.9
2B	5	21.6	0.0	0.8	0.0	0.4	0.0	0.0	0.2	22.9
2B	6	18.4	1.2	0.6	0.0	0.0	0.0	0.0	0.0	20.2
2B	7	11.3	0.0	3.3	0.0	0.8	0.0	0.0	0.0	15.9
2B	8	8.7	0.0	2.5	0.0	1.9	0.0	0.0	0.0	13.0
2B	9	26.0	0.0	6.0	1.6	0.6	0.0	0.0	0.0	34.2
2B	10	20.8	0.0	8.2	0.0	0.0	1.0	0.2	0.0	30.3
6B	1	8.5	0.0	0.2	0.0	1.2	1.2	0.2	0.0	11.3
6B	2	Replaced in 1991								
6B	3	3.3	0.0	1.0	0.0	1.2	1.4	1.4	0.0	8.5
6B	4	3.7	0.0	7.4	0.0	0.0	0.0	0.0	0.0	11.1
6B	5	Replaced in 1991								
6B	6	12.8	0.0	15.3	0.0	2.1	1.0	0.2	2.1	33.2
6B	7	7.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	7.6
6B	8	Replaced in 1987								
6B	9	4.5	0.0	1.2	0.0	0.0	0.0	0.0	0.0	5.8
6B	10	8.0	0.0	7.2	0.0	0.0	0.0	0.0	0.0	15.3
8A	1	6.4	0.0	7.0	0.0	0.2	0.8	0.0	0.0	14.4
8A	2	4.7	0.0	4.5	0.0	0.8	0.0	0.0	0.0	10.1
8A	3	6.8	0.0	4.5	0.0	0.0	0.2	0.0	0.0	11.5
8A	4	Replaced in 1986								
8A	5	8.0	0.0	3.7	0.0	0.0	0.0	0.2	0.0	12.0
8A	6	20.0	0.0	5.4	0.0	0.0	0.6	0.6	0.0	26.6
8A	7	14.0	0.0	6.8	0.4	0.0	0.0	0.0	0.0	21.6
8A	8	17.1	0.4	2.9	0.0	0.0	0.0	0.0	0.0	20.4
8A	9	7.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	11.8
8A	10	8.9	0.0	5.6	0.0	0.0	0.0	0.0	0.0	14.4
CTL	1	3.7	0.8	7.4	0.0	0.6	0.0	0.0	0.0	12.6
CTL	2	No data in1984								
CTL	3	9.1	0.0	0.0	0.0	0.0	0.0	0.6	0.0	7.0

CTL	4	7.4	0.0	1.0	0.0	0.0	1.4	0.0	0.0	9.9
CTL	5	12.8	0.0	1.9	0.0	0.0	0.0	0.0	0.0	14.6
CTL	6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
CTL	7	Replaced in 1986								
CTL	8	4.9	0.0	3.1	0.0	0.0	1.4	0.0	0.0	9.5
CTL	9	5.8	0.0	0.0	0.0	0.2	0.2	0.0	3.5	6.2
CTL	10	11.8	0.6	2.5	0.0	0.4	0.0	0.0	0.0	15.3

1985

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	Replaced in 1986								
2B	2	18.5	0.0	7.8	0.0	0.0	0.0	0.0	0.0	26.5
2B	3	Replaced in 1987								
2B	4	11.3	0.0	8.0	0.0	0.0	1.0	0.0	0.0	20.3
2B	5	16.1	0.0	1.8	0.0	0.4	0.0	0.0	0.0	18.3
2B	6	21.0	0.8	1.0	0.0	0.0	0.0	0.0	0.0	22.0
2B	7	11.5	0.0	2.8	0.0	0.8	0.0	0.0	0.0	14.3
2B	8	10.9	0.0	2.4	0.0	0.0	2.7	0.0	0.0	16.0
2B	9	22.5	0.0	5.4	1.6	0.4	0.0	0.0	0.0	28.3
2B	10	26.2	0.0	7.0	0.0	0.0	0.0	0.0	0.0	33.4
6B	1	12.5	0.0	0.8	0.0	1.0	0.0	0.2	0.0	14.3
6B	2	Replaced in 1991								
6B	3	2.5	0.0	1.6	2.1	1.2	0.0	1.8	0.0	8.6
6B	4	5.2	0.0	7.0	0.0	0.0	0.6	0.0	0.0	12.2
6B	5	Replaced in 1991								
6B	6	15.5	0.0	15.7	0.0	0.0	0.0	0.0	4.7	31.2
6B	7	6.6	0.0	1.8	0.0	0.0	0.0	0.0	0.0	8.4
6B	8	Replaced in 1987								
6B	9	3.3	0.0	1.6	0.0	0.0	0.0	0.0	0.0	4.9
6B	10	7.4	0.0	7.8	0.0	0.0	0.0	0.0	0.0	15.2
8A	1	Missing in 1985								
8A	2	4.7	0.0	6.8	0.0	0.2	0.0	0.0	0.0	11.7
8A	3	7.6	0.0	6.8	0.0	0.0	0.4	0.0	0.0	14.8
8A	4	Replaced in 1986								
8A	5	6.6	0.0	5.8	0.0	0.0	0.0	0.0	0.0	12.4
8A	6	13.8	0.0	4.7	0.0	0.0	0.0	0.0	0.0	18.5
8A	7	15.2	0.0	11.8	0.4	0.0	0.0	0.0	6.2	27.0
8A	8	16.9	0.0	3.7	0.0	0.0	0.0	0.0	0.4	20.6
8A	9	7.4	0.0	2.7	0.0	0.0	0.0	0.0	0.0	10.1
8A	10	7.4	0.0	7.4	0.0	0.0	0.0	0.0	0.0	14.8
CTL	1	3.9	0.8	7.4	0.0	0.6	0.0	0.0	0.0	11.3
CTL	2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
CTL	3	4.9	0.0	0.0	0.0	0.0	0.0	0.6	0.0	4.9

CTL	4	9.5	0.0	1.6	0.0	0.0	1.4	0.0	0.0	11.1
CTL	5	9.9	0.0	1.9	0.0	0.0	0.0	0.0	0.0	11.8
CTL	6	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
CTL	7	Replaced in 1986								
CTL	8	3.1	0.0	7.4	0.0	0.0	1.4	0.0	0.0	10.5
CTL	9	5.6	0.0	0.0	0.0	0.2	0.2	0.0	0.0	5.6
CTL	10	8.6	0.6	2.4	0.0	0.4	0.0	0.0	0.0	11.0

1986

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	12.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	13.8
2B	2	13.0	0.0	10.3	0.0	0.0	0.0	0.6	0.0	23.9
2B	3	Replaced in 1987								
2B	4	12.6	0.0	8.7	0.0	0.0	0.0	0.0	0.0	21.2
2B	5	23.7	0.0	3.3	0.0	0.0	0.0	0.0	0.0	27.0
2B	6	16.7	2.1	1.4	0.0	0.0	0.0	0.0	0.0	20.2
2B	7	15.3	0.0	7.6	0.0	0.0	0.0	0.0	0.0	22.9
2B	8	14.4	0.0	3.3	0.0	0.0	0.0	0.0	0.0	17.7
2B	9	23.9	0.0	6.4	0.0	0.4	0.0	0.0	0.0	30.7
2B	10	20.8	0.0	7.4	0.0	0.0	0.0	0.6	0.6	29.5
6B	1	10.7	0.0	2.7	0.0	0.6	0.0	0.6	0.0	14.6
6B	2	Replaced in 1991								
6B	3	4.3	0.0	3.1	0.0	0.0	1.9	3.3	0.0	12.6
6B	4	3.7	0.0	12.0	0.0	0.0	0.0	0.0	0.0	15.7
6B	5	Replaced in 1991								
6B	6	Missing								
6B	7	7.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	10.9
6B	8	Replaced in 1987								
6B	9	4.9	0.0	3.9	0.0	0.0	0.0	0.0	0.0	8.9
6B	10	Missing								
8A	1	7.8	0.0	6.0	0.0	0.0	0.0	0.0	1.2	15.1
8A	2	5.2	0.0	7.8	0.0	0.0	0.2	0.0	0.4	13.6
8A	3	8.0	0.0	7.6	0.0	0.0	0.0	0.0	0.0	15.7
8A	4	Replaced in 1987								
8A	5	7.0	0.0	8.7	0.0	0.0	0.0	0.4	0.0	16.1
8A	6	14.0	0.0	5.4	0.0	0.0	0.0	0.0	4.3	23.7
8A	7	16.5	0.0	9.9	0.6	0.0	0.0	0.0	1.0	28.0
8A	8	16.1	0.0	10.3	0.0	0.0	0.0	0.0	0.0	26.4
8A	9	9.1	0.0	4.3	0.0	0.0	0.0	0.0	0.0	13.4
8A	10	9.1	0.0	9.1	0.0	0.0	0.0	0.0	1.4	19.6
CTL	1	2.8	0.0	0.9	0.0	0.0	0.0	0.0	0.0	3.6
CTL	2	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
CTL	3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8

CTL	4	9.7	0.0	1.9	0.0	0.0	0.0	0.0	0.0	11.5
CTL	5	12.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	13.4
CTL	6	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4
CTL	7	Replaced in 1987								
CTL	8	3.9	0.0	3.7	0.0	0.0	0.0	0.0	0.0	7.6
CTL	9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	3.3	6.4
CTL	10	9.5	0.0	2.3	0.0	0.0	0.0	0.0	1.4	13.2

1987

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	9.2	0.0	2.9	0.0	0.0	0.0	0.6	0.0	12.7
2B	2	13.8	0.0	8.9	0.4	0.0	1.8	0.0	0.0	24.9
2B	3	23.7	1.0	6.8	2.5	0.2	0.0	0.0	0.0	34.2
2B	4	14.0	0.0	9.9	0.0	0.0	0.0	0.0	0.0	23.9
2B	5	30.3	0.0	0.2	0.0	0.4	0.0	0.0	0.0	30.9
2B	6	23.3	2.3	3.3	0.0	0.0	0.0	0.0	0.0	28.9
2B	7	14.6	0.0	11.3	0.0	0.2	0.0	0.0	0.6	26.1
2B	8	16.5	0.0	2.7	0.2	0.2	0.0	0.0	0.0	19.6
2B	9	30.9	0.0	7.2	0.0	0.2	8.2	0.0	0.0	46.5
2B	10	25.8	0.0	8.9	0.6	0.0	0.0	0.6	0.6	35.9
6B	1	Missing								0.0
6B	2	Replaced in 1991								0.0
6B	3	4.9	0.0	3.5	0.0	0.0	0.4	2.1	0.0	10.9
6B	4	3.3	0.0	14.8	0.0	0.0	0.0	0.0	0.0	18.1
6B	5	Replaced in 1991								0.0
6B	6	12.2	0.0	3.3	0.6	0.0	1.8	0.0	0.0	17.9
6B	7	9.5	0.0	9.9	0.0	0.0	0.0	0.0	0.0	19.4
6B	8	9.7	0.0	8.2	0.0	0.0	0.0	0.0	0.0	17.9
6B	9	4.9	0.0	7.2	0.0	0.0	0.0	0.0	0.0	12.1
6B	10	10.1	0.0	14.8	0.0	0.0	0.0	0.0	0.0	24.9
8A	1	6.8	0.0	9.7	0.0	0.2	0.2	0.0	0.0	16.9
8A	2	6.8	0.0	9.1	0.0	0.0	0.0	0.0	0.0	15.9
8A	3	9.5	0.0	19.3	0.0	0.0	0.0	0.1	0.0	28.9
8A	4	5.2	0.0	7.4	0.0	0.0	0.0	0.0	0.0	12.6
8A	5	5.8	0.0	1.2	0.0	0.0	0.0	0.0	0.0	7.0
8A	6	19.4	0.0	4.9	0.0	0.0	1.0	0.0	4.3	25.3
8A	7	17.7	0.0	8.2	0.6	0.0	0.0	0.0	0.0	26.5
8A	8	17.3	1.6	13.6	0.0	0.0	0.0	0.0	0.0	32.5
8A	9	13.4	0.0	17.0	0.0	0.1	0.0	0.0	0.0	30.5
8A	10	12.8	0.0	10.1	0.0	0.0	0.0	0.0	0.0	22.9
CTL	1	4.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	6.2
CTL	2	6.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	6.6
CTL	3	6.4	0.0	0.6	0.0	0.0	0.0	0.0	0.0	7.0

CTL	4	7.2	0.0	2.2	0.0	0.0	0.0	0.0	0.0	9.4
CTL	5	12.6	0.0	1.6	0.0	0.0	0.0	0.0	0.0	14.2
CTL	6	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8
CTL	7	15.7	0.0	3.7	0.0	0.0	0.0	0.0	0.0	19.4
CTL	8	4.1	0.0	6.0	0.0	0.0	0.0	0.0	0.0	10.1
CTL	9	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
CTL	10	13.4	0.0	3.0	0.0	0.4	0.0	0.0	0.0	16.8

1990

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	9.9	0.0	8.0	4.9	0.4	0.4	0.6	0.0	24.3
2B	2	22.3	0.0	12.8	0.0	0.0	0.8	0.0	0.0	35.9
2B	3	34.8	0.0	8.7	0.0	0.2	0.0	0.0	0.0	43.7
2B	4	14.0	0.0	10.9	0.0	0.0	0.0	0.0	0.0	24.9
2B	5	35.9	0.0	2.1	0.0	0.0	2.1	0.0	0.0	40.0
2B	6	35.9	2.1	2.1	0.0	0.0	0.0	0.0	0.0	40.0
2B	7	No data in 1990								
2B	8	19.8	0.0	4.7	0.0	1.2	3.3	0.0	0.0	29.1
2B	9	29.5	0.0	0.0	0.0	1.4	0.0	0.0	0.0	30.9
2B	10	23.3	0.0	6.2	0.0	0.0	0.4	0.4	0.0	30.3
6B	1	10.3	0.0	0.0	0.0	0.6	1.9	0.0	0.0	12.8
6B	2	Replaced in 1991								
6B	3	5.2	0.0	0.0	0.0	0.4	1.0	2.1	0.0	8.7
6B	4	5.8	0.0	4.9	0.0	0.0	0.0	0.0	0.0	10.7
6B	5	Replaced in 1991								
6B	6	8.7	0.0	8.9	0.0	0.0	1.6	0.0	0.0	19.2
6B	7	14.4	0.0	8.0	0.0	0.0	0.0	0.0	0.0	22.5
6B	8	11.5	0.0	13.8	0.0	0.0	0.2	0.0	1.0	25.6
6B	9	9.3	0.0	14.8	0.0	0.2	0.0	0.0	0.0	24.3
6B	10	10.5	0.0	13.2	0.0	0.0	0.0	0.0	0.0	23.7
8A	1	5.4	0.0	10.3	0.0	0.0	0.0	0.0	3.3	15.7
8A	2	8.2	0.0	9.9	0.0	0.0	0.6	0.0	0.0	18.8
8A	3	5.8	0.0	5.8	0.0	0.0	0.0	0.2	6.2	11.8
8A	4	4.7	0.0	8.0	0.0	0.0	0.0	0.2	0.0	13.0
8A	5	10.9	0.0	9.5	0.0	0.0	0.0	0.4	0.0	20.8
8A	6	18.1	0.0	0.0	0.0	0.0	0.0	0.4	0.0	18.6
8A	7	19.2	0.0	6.0	0.6	0.0	0.0	0.0	0.6	25.8
8A	8	17.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	17.5
8A	9	12.8	0.0	1.2	0.0	0.0	0.0	0.0	1.4	14.0
8A	10	6.0	0.0	10.7	0.0	0.0	0.0	0.0	0.0	16.7
CTL	1	No data in 1990								
CTL	2	14.6	0.6	4.9	0.0	0.0	0.0	0.0	0.0	20.2
CTL	3	11.1	0.0	3.1	0.0	0.0	0.4	0.0	0.0	14.6

CTL	4	15.7	1.6	7.0	0.6	0.0	0.0	0.0	0.0	24.9
CTL	5	9.1	0.0	0.2	0.0	0.0	0.0	0.0	2.1	9.3
CTL	6	12.4	1.2	0.8	0.0	0.0	0.0	0.0	0.0	14.4
CTL	7	15.5	0.0	9.3	0.0	0.0	0.0	0.0	0.0	24.7
CTL	8	11.3	0.8	10.9	0.0	0.0	0.0	0.0	0.0	23.1
CTL	9	14.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	14.4
CTL	10	14.0	0.0	3.1	0.0	1.0	0.0	0.0	0.0	18.1

1991

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	8.2	0.0	8.0	6.6	0.4	0.8	0.0	0.0	24.1
2B	2	25.8	0.0	10.7	0.0	0.0	0.4	0.0	0.0	36.9
2B	3	33.0	0.0	8.7	0.0	0.4	0.0	0.0	0.0	42.1
2B	4	13.4	0.0	14.8	0.0	0.0	0.0	0.0	0.0	28.2
2B	5	41.4	0.0	1.6	0.0	0.0	2.3	0.0	0.0	45.4
2B	6	39.6	2.3	2.7	0.0	0.0	0.0	0.0	0.0	44.5
2B	7	15.7	0.0	7.6	0.0	0.0	0.6	0.0	0.0	23.9
2B	8	21.4	0.0	5.2	0.0	1.2	2.1	0.2	0.0	30.1
2B	9	34.4	0.0	0.0	0.0	1.0	0.6	0.0	0.0	36.1
2B	10	22.3	0.0	5.8	0.0	0.0	0.8	0.6	0.0	29.5
6B	1	11.8	0.0	0.0	0.0	0.4	1.0	0.0	0.8	13.2
6B	2	14.4	0.0	3.9	0.0	0.8	2.5	1.0	0.0	22.7
6B	3	4.9	0.0	0.0	0.0	1.2	0.2	0.0	0.0	6.4
6B	4	6.2	0.0	6.0	0.0	0.0	0.0	0.0	0.0	12.2
6B	5	18.8	0.0	3.7	0.0	0.0	0.0	0.0	0.0	22.5
6B	6	8.7	0.0	10.1	0.0	0.0	1.9	0.0	0.6	20.6
6B	7	13.0	0.0	6.0	0.0	0.0	0.0	0.0	0.8	19.0
6B	8	11.1	0.0	13.0	0.0	0.0	0.0	0.0	0.0	24.1
6B	9	8.2	0.0	13.2	0.0	0.0	0.0	0.0	0.0	21.4
6B	10	11.3	0.0	12.6	0.0	0.0	0.0	0.0	0.0	23.9
8A	1	1.4	0.0	4.1	0.0	0.0	0.0	0.0	2.3	5.6
8A	2	4.3	0.0	9.1	0.0	0.0	0.0	0.4	0.0	13.8
8A	3	2.9	0.0	4.3	0.0	0.0	0.0	0.0	0.0	7.2
8A	4	4.7	0.0	6.0	0.0	0.0	0.0	0.0	3.3	10.7
8A	5	7.4	0.0	2.9	0.0	0.0	0.0	0.4	6.2	10.7
8A	6	13.0	0.0	0.0	0.0	0.0	0.0	0.2	6.2	13.2
8A	7	18.4	0.0	4.7	0.4	0.0	0.0	0.0	0.4	23.5
8A	8	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7
8A	9	4.1	0.0	9.9	0.0	0.0	0.0	0.0	2.1	14.0
8A	10	5.2	0.0	6.8	0.0	0.0	0.0	0.0	0.0	12.0
CTL	1	9.7	1.6	7.4	0.0	0.0	0.0	0.0	0.0	18.8
CTL	2	15.9	0.6	4.7	0.0	0.0	0.0	0.0	0.0	21.2
CTL	3	9.1	0.0	1.4	0.0	0.0	0.4	0.0	0.0	10.9

CTL	4	15.3	2.3	7.6	0.8	0.0	0.0	0.0	0.0	26.0
CTL	5	10.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	10.9
CTL	6	13.0	2.9	0.4	0.0	0.0	0.0	0.0	0.0	16.3
CTL	7	13.4	0.0	11.1	0.0	0.0	0.0	0.0	0.0	24.5
CTL	8	6.4	0.2	11.1	0.0	0.0	0.0	0.0	0.0	17.7
CTL	9	11.1	0.0	0.0	0.0	0.6	0.0	0.0	0.0	11.8
CTL	10	7.4	0.0	2.9	0.0	0.8	0.0	0.0	0.0	11.1

1992

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	9.2	0.0	10.0	5.2	0.0	0.2	0.0	3.0	24.6
2B	2	27.0	0.0	11.0	0.0	0.6	0.2	0.0	1.2	38.8
2B	3	36.2	0.0	10.0	0.0	0.8	0.0	0.0	0.0	47.0
2B	4	18.6	0.0	18.0	0.0	0.0	0.0	0.0	2.0	36.6
2B	5	45.0	0.0	2.4	0.0	0.0	0.0	0.0	1.0	47.4
2B	6	41.2	5.0	3.6	0.0	0.0	0.0	0.0	2.0	49.8
2B	7	17.4	0.0	8.4	0.0	0.2	0.0	0.0	1.8	26.0
2B	8	20.2	0.0	3.0	0.0	0.4	0.8	0.0	6.0	24.4
2B	9	34.0	0.0	0.0	0.0	2.8	0.0	0.0	0.4	36.8
2B	10	22.6	0.0	5.6	0.0	0.6	1.2	0.0	0.0	30.0
6B	1	13.0	0.0	0.0	0.0	0.0	0.4	0.4	2.0	13.8
6B	2	15.2	0.0	3.6	0.0	2.4	0.8	0.0	3.0	22.0
6B	3	8.6	0.0	0.0	0.0	0.2	1.0	0.0	0.0	9.8
6B	4	7.2	0.0	6.2	0.0	0.2	0.0	0.0	0.8	13.6
6B	5	18.2	0.0	5.6	0.0	0.0	0.0	0.0	1.0	23.8
6B	6	9.2	0.0	11.4	0.0	1.2	0.0	0.0	1.8	21.8
6B	7	13.2	0.0	6.4	0.0	0.0	0.4	0.0	3.8	20.0
6B	8	11.6	0.0	6.6	0.0	0.0	0.0	0.0	5.4	18.2
6B	9	7.6	0.0	13.2	0.0	0.0	0.0	0.0	0.0	20.8
6B	10	9.2	0.0	12.8	0.0	0.2	0.0	0.0	1.0	22.2
8A	1	2.0	0.0	4.4	0.0	0.0	0.0	0.0	4.0	6.4
8A	2	2.6	0.0	6.6	0.0	0.0	0.0	0.0	4.4	9.2
8A	3	3.2	0.0	4.2	0.0	0.0	0.4	0.0	0.0	7.8
8A	4	5.4	0.0	0.0	0.0	0.2	0.0	0.0	7.2	5.6
8A	5	8.0	0.0	1.8	0.0	0.2	0.4	0.0	0.0	10.4
8A	6	14.4	0.0	0.0	0.0	0.6	0.0	0.0	2.8	15.0
8A	7	15.6	0.0	3.6	0.2	0.2	0.0	0.0	1.0	19.6
8A	8	4.8	0.0	0.0	0.0	0.2	0.0	0.0	0.0	5.0
8A	9	4.2	0.0	10.0	0.0	0.0	0.0	0.0	1.0	14.2
8A	10	5.2	0.0	5.8	0.0	0.0	0.0	0.0	4.4	11.0
CTL	1	8.6	3.4	7.4	0.0	0.0	0.0	0.0	0.0	19.4
CTL	2	14.2	0.0	5.6	0.0	0.0	0.0	0.0	0.0	19.8
CTL	3	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4

CTL	4	13.4	3.0	7.6	0.0	0.0	0.0	0.0	0.0	24.0
CTL	5	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8
CTL	6	13.6	2.6	1.4	0.0	0.0	0.0	0.0	0.0	17.6
CTL	7	10.4	0.0	11.2	0.0	0.0	0.0	0.0	2.2	21.6
CTL	8	3.6	1.0	10.4	0.0	0.0	0.0	0.0	5.0	15.0
CTL	9	11.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	12.0
CTL	10	9.0	0.0	1.4	0.0	1.8	0.0	0.0	1.4	12.2

1993

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	5.8	0.0	9.7	7.2	0.0	0.6	0.8	0.0	24.1
2B	2	16.1	0.0	9.9	0.0	0.0	1.0	0.2	0.0	27.2
2B	3	33.0	0.0	10.7	0.0	0.0	0.4	0.0	0.0	44.1
2B	4	8.7	0.0	12.4	0.0	0.0	1.6	0.0	0.2	22.7
2B	5	27.8	0.0	3.3	0.0	0.0	1.9	0.0	0.0	33.0
2B	6	50.3	6.8	3.5	0.0	0.0	0.0	0.0	0.0	60.6
2B	7	29.9	0.0	3.3	0.0	0.0	0.0	0.0	0.0	33.2
2B	8	20.4	0.0	3.1	0.0	0.6	2.9	0.0	0.0	27.0
2B	9	34.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.2
2B	10	6.6	0.0	3.7	0.0	0.0	1.6	0.8	0.0	12.8
6B	1	12.8	0.0	0.0	0.0	0.4	1.2	0.0	0.0	14.4
6B	2	17.1	0.0	4.3	0.0	0.0	3.9	0.0	0.0	25.4
6B	3	3.7	0.0	0.2	0.0	0.6	3.3	0.0	0.0	7.8
6B	4	7.6	0.0	5.6	0.0	0.0	0.8	0.2	1.2	14.2
6B	5	18.4	0.0	7.6	0.0	0.0	0.6	0.0	0.0	26.6
6B	6	10.9	0.0	10.9	0.0	0.0	0.8	0.0	0.8	23.5
6B	7	12.2	0.0	4.7	0.0	0.0	0.4	0.0	0.0	17.3
6B	8	11.3	0.0	7.0	0.4	0.2	0.6	0.0	0.0	19.6
6B	9	6.2	0.0	2.1	0.0	0.0	0.0	0.0	0.0	8.2
6B	10	8.2	0.0	13.8	0.0	0.0	0.0	0.0	0.0	22.1
8A	1	1.4	0.0	2.1	0.0	0.0	0.0	0.0	0.0	3.5
8A	2	2.1	0.0	0.0	0.0	0.0	0.6	0.0	0.0	2.7
8A	3	1.2	0.0	3.7	0.0	0.0	0.2	0.0	0.0	5.2
8A	4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
8A	5	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
8A	6	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7
8A	7	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
8A	8	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
8A	9	7.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	4.9
8A	10	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
CTL	1	8.9	1.2	10.9	0.0	0.0	0.0	0.0	0.0	21.0
CTL	2	13.0	0.0	2.9	0.0	6.0	0.0	0.0	0.0	15.9
CTL	3	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2

CTL	4	8.7	0.0	3.9	0.0	0.0	0.8	0.0	0.0	13.4
CTL	5	11.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
CTL	6	7.8	0.2	0.6	0.0	0.8	0.8	0.0	0.0	10.3
CTL	7	7.4	0.0	10.9	0.0	0.0	0.0	0.0	0.0	18.4
CTL	8	7.2	0.0	11.8	0.0	0.0	0.4	0.0	0.0	19.4
CTL	9	12.4	0.0	0.0	0.0	1.4	0.0	0.0	0.0	13.8
CTL	10	6.2	0.0	1.6	0.0	1.4	0.0	0.0	0.0	9.3

1994

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	5.1	0.0	6.8	7.4	0.0	0.0	0.6	0.0	19.9
2B	2	12.5	0.0	11.5	0.0	0.0	0.0	0.2	0.0	24.2
2B	3	24.3	0.0	11.1	0.0	0.4	0.8	0.0	0.0	36.6
2B	4	8.7	0.0	12.3	0.0	0.0	0.0	0.2	0.0	21.2
2B	5	20.2	0.0	3.1	0.0	0.0	2.1	0.0	0.0	25.4
2B	6	49.1	11.1	3.9	0.0	0.0	0.0	0.0	0.0	64.1
2B	7	16.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	20.1
2B	8	17.1	0.0	1.6	0.0	0.6	2.5	0.2	0.0	22.0
2B	9	26.0	0.0	0.2	0.0	1.6	0.0	0.0	0.0	27.8
2B	10	2.4	0.0	4.7	0.0	0.0	0.0	0.2	0.0	7.3
6B	1	12.0	0.0	0.0	0.2	0.4	0.0	0.0	0.8	12.6
6B	2	16.5	0.0	4.7	0.0	0.6	2.1	0.0	2.5	23.9
6B	3	4.3	0.0	0.6	0.0	0.0	2.2	0.0	0.0	7.1
6B	4	5.6	0.0	4.3	0.0	0.0	0.0	0.6	0.6	10.5
6B	5	8.7	0.0	3.1	0.0	0.0	0.0	0.0	0.4	11.8
6B	6	9.7	0.0	9.7	0.0	0.0	0.6	0.0	0.6	20.0
6B	7	12.5	0.0	5.2	0.0	0.0	0.0	0.0	1.2	17.7
6B	8	10.7	0.0	6.2	0.0	0.0	0.0	0.0	0.8	16.9
6B	9	4.5	0.0	2.9	0.0	0.0	0.0	0.0	0.2	7.4
6B	10	7.6	0.0	10.1	0.0	0.0	0.0	0.0	0.0	17.7
8A	1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
8A	2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
8A	3	6.2	0.0	4.3	0.0	0.0	0.0	0.0	0.4	10.5
8A	4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.0
8A	5	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	7.4
8A	6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9
8A	7	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	7.4
8A	8	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9
8A	9	4.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	4.9
8A	10	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
CTL	1	4.1	0.0	5.6	0.0	0.0	0.0	0.0	0.0	9.7
CTL	2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
CTL	3	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6

CTL	4	6.8	0.0	6.2	0.0	0.0	0.0	0.0	0.0	13.0
CTL	5	11.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	12.1
CTL	6	7.8	0.0	1.0	0.0	0.0	0.0	0.0	0.0	8.8
CTL	7	7.6	0.0	13.0	0.0	0.0	0.0	0.0	0.0	20.6
CTL	8	3.9	0.0	4.3	0.0	0.0	0.0	0.0	0.0	8.2
CTL	9	14.2	0.0	0.2	0.0	1.0	0.0	0.0	0.0	15.4
CTL	10	7.4	0.0	2.1	0.0	0.8	0.0	0.0	0.0	10.3

1995

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	5.6	0.0	4.7	8.2	0.0	0.6	0.0	0.0	19.2
2B	2	9.3	0.0	5.6	0.0	0.0	0.8	0.0	0.0	15.7
2B	3	16.1	0.0	10.5	0.0	1.0	0.0	0.0	0.0	27.6
2B	4	8.9	0.0	6.8	0.0	0.0	0.0	0.0	0.0	15.7
2B	5	25.6	0.0	3.1	0.0	0.2	2.7	0.0	0.0	31.5
2B	6	51.8	8.9	4.1	0.0	0.0	0.0	0.0	0.0	64.7
2B	7	16.1	0.0	6.8	0.0	0.0	0.0	0.0	0.2	23.1
2B	8	19.2	0.0	2.5	0.0	0.0	1.9	0.0	0.0	23.5
2B	9	24.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24.5
2B	10	1.4	0.0	0.2	0.0	0.0	0.0	0.2	0.0	1.9
6B	1	13.6	0.0	0.0	0.2	0.4	0.8	0.0	0.0	15.1
6B	2	15.3	0.0	2.9	0.0	0.0	3.3	0.0	2.5	23.9
6B	3	4.5	0.0	1.4	0.0	0.0	3.9	0.0	0.0	9.9
6B	4	6.8	0.0	6.0	0.0	0.2	0.0	0.6	0.0	13.6
6B	5	9.5	0.0	3.7	0.0	0.0	0.4	0.0	0.0	13.6
6B	6	10.9	0.0	7.0	0.2	0.0	1.0	0.0	0.0	19.2
6B	7	14.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	18.8
6B	8	13.0	0.0	6.6	0.6	0.0	0.0	0.0	2.1	22.3
6B	9	5.2	0.0	3.7	0.0	0.0	0.0	0.0	0.6	9.5
6B	10	8.9	0.0	9.1	0.0	0.0	0.0	0.0	0.0	17.9
8A	1	1.0	0.0	0.2	0.0	0.0	0.0	0.0	2.3	3.5
8A	2	1.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.9
8A	3	0.8	0.0	5.4	0.0	0.0	0.2	0.0	0.0	6.4
8A	4	1.0	0.0	0.0	0.2	0.0	0.0	0.0	2.5	3.7
8A	5	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
8A	6	7.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	8.0
8A	7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
8A	8	3.7	0.0	0.4	0.0	0.0	0.0	0.0	0.4	4.5
8A	9	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
8A	10	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.9
CTL	1	7.8	0.0	6.4	0.0	0.0	0.0	0.0	0.0	14.2
CTL	2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4
CTL	3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3

CTL	4	7.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	13.0
CTL	5	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8
CTL	6	5.6	0.0	0.6	0.0	0.0	0.8	0.0	0.0	7.0
CTL	7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
CTL	8	2.9	0.0	3.3	0.0	0.0	0.0	0.0	0.0	6.2
CTL	9	11.1	0.0	0.4	0.0	0.8	0.0	0.0	0.0	12.4
CTL	10	4.5	0.0	2.9	0.0	1.0	0.0	0.0	0.0	8.5

1996

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	8.2	0.0	4.7	9.1	0.0	2.5	0.2	0.0	24.7
2B	2	5.3	0.0	8.4	0.0	0.0	2.1	0.0	0.0	15.8
2B	3	15.0	0.0	10.9	0.0	1.0	1.8	0.0	0.0	28.7
2B	4	8.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	14.2
2B	5	23.5	0.0	1.8	0.0	0.0	0.0	0.0	2.6	25.3
2B	6	53.2	12.3	7.2	0.0	0.0	0.4	0.0	0.0	73.1
2B	7	18.1	0.0	6.2	0.0	0.0	0.0	0.0	0.0	24.3
2B	8	19.5	0.0	2.1	0.0	0.4	3.3	0.0	0.0	25.3
2B	9	34.4	0.0	1.8	0.0	1.6	0.0	0.0	0.0	37.8
2B	10	1.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	3.8
6B	1	3.0	0.0	0.2	0.0	1.0	2.1	0.0	0.0	6.3
6B	2	19.0	0.0	0.0	0.0	3.5	0.0	0.0	1.6	22.5
6B	3	5.8	0.0	3.9	0.0	1.2	3.1	0.0	0.0	14.0
6B	4	5.2	0.0	7.8	0.0	0.0	0.8	0.0	0.6	13.8
6B	5	10.5	0.0	6.0	0.0	0.0	0.0	0.0	0.0	16.5
6B	6	12.0	0.0	9.6	0.0	0.0	0.8	0.0	0.0	22.4
6B	7	13.6	0.0	0.8	0.0	0.0	1.0	0.0	0.0	15.4
6B	8	12.2	0.0	7.2	0.0	0.0	3.5	0.0	0.0	22.9
6B	9	7.4	0.0	4.9	0.0	0.0	0.0	0.0	0.0	12.3
6B	10	6.0	0.0	9.4	0.0	0.0	0.0	0.0	0.0	15.4
8A	1	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	2.0
8A	2	2.1	0.0	0.6	0.0	0.0	0.0	0.0	1.0	2.7
8A	3	0.6	0.0	6.8	0.0	0.0	0.0	0.0	0.0	7.4
8A	4	3.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	3.6
8A	5	3.5	0.0	0.6	0.0	0.0	0.0	0.0	0.6	4.1
8A	6	7.6	0.0	1.2	0.0	0.0	0.0	0.0	0.0	8.8
8A	7	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4
8A	8	6.6	0.0	1.6	0.0	0.0	0.0	0.0	0.0	8.2
8A	9	4.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	4.4
8A	10	2.9	0.0	1.2	0.0	0.0	0.0	0.0	0.0	4.1
CTL	1	2.1	0.0	8.6	0.0	0.0	0.0	0.0	0.0	10.7
CTL	2	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9
CTL	3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3

CTL	4	5.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	5.5
CTL	5	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6
CTL	6	2.6	0.0	0.0	0.0	0.0	0.8	0.0	0.0	3.4
CTL	7	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
CTL	8	2.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	3.0
CTL	9	10.9	0.0	1.2	0.0	1.4	0.0	0.0	0.0	13.5
CTL	10	7.8	0.0	1.6	0.0	1.0	0.0	0.0	0.0	10.4

1997

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	6.8	0.0	9.2	6.2	0.1	5.2	0.4	0.0	27.9
2B	2	7.8	0.0	11.8	0.0	0.0	2.2	0.0	0.0	21.8
2B	3	15.2	0.0	11.1	0.0	0.2	2.5	0.0	0.0	29.0
2B	4	12.8	0.0	6.0	0.0	0.0	0.0	0.0	0.0	18.8
2B	5	22.4	0.0	1.9	0.0	0.0	0.0	0.0	2.0	26.3
2B	6	47.8	8.4	5.2	0.0	0.0	0.0	0.0	0.0	61.4
2B	7	22.1	0.0	4.7	0.0	0.0	0.0	0.0	0.0	26.8
2B	8	27.6	0.0	1.6	0.0	1.4	3.9	0.0	0.0	34.5
2B	9	34.2	0.0	1.6	0.0	1.4	0.0	0.0	0.0	37.2
2B	10	1.8	0.0	3.3	0.0	0.0	0.2	0.0	0.0	5.3
6B	1	14.4	0.0	0.6	0.0	1.0	1.0	0.0	0.0	17.0
6B	2	19.1	0.0	0.8	0.0	0.0	1.8	0.0	1.4	23.1
6B	3	6.0	0.0	4.1	0.0	1.8	3.3	0.0	0.0	15.2
6B	4	7.8	0.0	8.2	0.0	0.4	0.4	0.0	0.4	17.2
6B	5	9.5	0.0	6.6	0.0	0.0	0.0	0.0	0.0	16.1
6B	6	14.2	0.0	11.5	0.0	0.0	1.2	0.0	0.0	26.9
6B	7	14.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	15.0
6B	8	11.7	0.0	7.8	0.0	0.0	4.1	0.0	0.8	24.4
6B	9	8.4	0.0	5.3	0.0	0.0	0.0	0.0	0.0	13.7
6B	10	6.2	0.0	11.3	0.0	0.0	0.0	0.0	0.0	17.5
8A	1	2.9	0.0	1.2	0.0	0.0	0.0	0.0	0.0	4.1
8A	2	3.1	0.0	3.1	0.0	0.0	0.0	0.0	0.0	6.2
8A	3	0.6	0.0	18.8	0.0	0.2	0.0	0.0	0.0	19.6
8A	4	3.5	0.0	0.8	0.0	0.0	0.0	0.0	0.0	4.3
8A	5	3.3	0.0	1.4	0.1	0.1	0.0	0.0	0.0	4.9
8A	6	13.2	0.0	2.2	0.0	0.0	0.4	0.0	0.6	16.4
8A	7	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8
8A	8	6.6	0.0	3.7	0.0	0.0	0.0	0.0	0.0	10.3
8A	9	7.4	0.0	0.8	0.0	0.0	0.0	0.0	0.0	8.2
8A	10	4.7	0.0	1.6	0.0	0.4	0.0	0.0	0.0	6.7
CTL	1	1.6	0.0	9.5	0.0	0.0	0.0	0.0	0.0	11.1
CTL	2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6
CTL	3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7

CTL	4	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2
CTL	5	14.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0	14.8
CTL	6	4.3	0.0	0.0	0.0	0.0	0.8	0.0	0.0	5.1
CTL	7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
CTL	8	3.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0	3.7
CTL	9	11.1	0.0	0.0	0.0	2.6	0.0	0.0	0.0	13.7
CTL	10	7.6	0.0	4.5	0.0	1.2	0.0	0.0	0.0	13.3

Sta	Quad				1993					
2B	1	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	2	6.0	0.0	9.2	0.0	0.0	7.0	0.6	0.2	22.8
2B	3	15.4	0.0	10.0	0.0	0.0	0.6	0.2	0.4	26.2
2B	4	30.4	0.0	11.4	0.0	0.8	0.0	0.0	0.0	42.6
2B	5	10.8	0.0	13.0	0.0	0.0	0.0	0.4	0.4	24.2
2B	6	28.6	0.0	3.4	0.0	0.0	0.0	0.0	1.0	32.0
2B	7	47.4	8.2	3.6	0.0	0.0	0.0	0.0	0.8	59.2
2B	8	19.4	0.0	3.8	0.0	0.0	0.0	0.0	3.0	23.2
2B	9	17.2	0.0	3.8	0.0	4.6	0.0	0.0	4.2	25.6
2B	10	32.6	0.0	0.0	0.0	0.0	1.4	0.0	0.0	34.0
6B	1	7.0	0.0	3.8	0.0	0.0	0.6	1.0	4.2	12.4
6B	2	12.8	0.0	0.0	0.0	1.0	0.0	0.0	2.0	13.8
6B	3	18.2	0.0	4.6	0.0	0.0	0.6	0.0	4.2	23.4
6B	4	7.0	0.0	0.0	0.0	0.2	0.4	0.0	0.8	7.6
6B	5	8.0	0.0	4.8	0.0	0.0	0.0	0.0	3.4	12.8
6B	6	19.2	0.0	7.0	0.0	0.0	0.0	0.0	1.0	26.2
6B	7	8.6	0.0	10.6	0.0	0.0	0.4	0.0	1.2	19.6
6B	8	13.6	0.0	5.2	0.0	0.0	0.0	0.0	1.6	18.8
6B	9	10.2	0.0	5.6	0.0	0.2	0.8	0.0	4.8	16.8
6B	10	5.4	0.0	4.0	0.0	0.0	0.0	0.2	2.4	9.6
8A	1	7.6	0.0	13.2	0.0	0.0	0.6	0.0	1.2	21.4
8A	2	1.8	0.0	1.4	0.0	0.6	0.0	0.0	2.1	3.8
8A	3	2.6	0.0	0.0	0.0	0.0	0.0	0.0	7.8	2.6
8A	4	0.8	0.0	3.8	0.0	0.0	0.0	0.0	5.2	4.6
8A	5	1.8	0.0	0.0	0.0	0.0	0.0	0.2	6.6	2.0
8A	6	7.2	0.0	0.0	0.0	0.0	0.0	0.0	6.0	7.2
8A	7	9.8	0.0	0.0	0.0	0.0	0.2	0.0	8.0	10.0
8A	8	7.8	0.0	0.0	0.0	0.6	0.0	0.0	2.6	8.4
8A	9	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	7.0
8A	10	4.6	0.0	0.4	0.0	0.0	0.0	0.0	1.0	5.0
CTL	1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	4.0
CTL	2	10.4	1.4	11.6	0.0	0.4	0.0	0.0	0.0	23.8
CTL	3	12.6	0.0	3.8	0.0	0.0	0.0	0.0	1.4	16.4
CTL	4	8.4	0.0	0.0	0.0	0.0	0.0	0.2	0.0	8.6
CTL	5	12.2	0.0	3.8	0.0	0.0	0.4	0.0	0.0	16.4
CTL	6	13.6	0.4	0.0	0.0	0.0	0.0	0.0	0.6	14.0

CTL	7	8.6	2.0	0.8	0.0	1.2	0.0	0.0	3.0	12.6
CTL	8	9.8	0.0	10.0	0.0	0.0	0.0	0.0	2.4	19.8
CTL	9	8.4	0.0	10.6	0.0	0.0	0.0	0.0	5.6	19.0
CTL	10	13.2	0.0	0.0	0.0	1.6	0.0	0.0	4.2	14.8
		9.2	0.0	3.0	0.0	1.2	0.0	0.0	4.6	13.4

Sta	Quad				1994					
2B	1	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	2	5.8	0.0	7.6	7.2	1.0	0.6	0.8	0.0	23.1
2B	3	12.6	0.0	12.0	0.0	0.0	1.0	0.2	0.0	25.8
2B	4	24.9	0.0	11.1	2.2	0.0	0.6	0.0	0.0	36.9
2B	5	7.0	0.0	12.0	0.0	0.4	1.4	0.2	0.0	21.0
2B	6	23.3	0.0	3.3	0.0	0.4	2.1	0.0	0.0	29.1
2B	7	49.1	11.8	4.7	0.0	0.0	0.0	0.0	0.0	65.6
2B	8	15.5	0.0	3.9	0.0	0.0	0.0	0.0	0.0	19.4
2B	9	15.7	0.0	2.5	0.0	0.8	1.9	0.2	0.0	21.0
2B	10	26.6	0.0	0.2	0.0	1.4	0.0	0.0	0.0	28.2
6B	1	1.4	0.0	5.6	0.0	0.0	1.4	0.2	0.0	8.7
6B	2	12.6	0.0	0.0	0.2	0.4	1.0	0.0	2.3	14.2
6B	3	15.9	0.0	4.9	0.0	0.6	2.7	0.0	3.1	24.1
6B	4	4.1	0.0	0.6	0.0	0.4	2.9	0.2	0.8	8.2
6B	5	6.0	0.0	4.3	0.0	0.4	0.0	0.6	0.8	11.3
6B	6	8.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	11.1
6B	7	11.3	0.0	9.9	0.4	0.0	0.8	0.0	1.2	22.5
6B	8	13.0	0.0	4.9	0.0	0.0	0.4	0.0	2.5	19.0
6B	9	12.4	0.0	6.8	0.6	0.0	0.4	0.0	0.6	20.2
6B	10	5.4	0.0	3.1	0.0	0.0	0.2	0.0	1.0	8.7
8A	1	10.9	0.0	11.3	0.0	0.0	0.0	0.0	0.0	22.3
8A	2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
8A	3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
8A	4	0.8	0.0	4.1	0.0	0.0	0.0	0.0	0.0	4.9
8A	5	1.0	0.0	0.0	0.2	0.0	0.0	0.2	3.1	1.0
8A	6	6.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	6.2
8A	7	8.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	9.1
8A	8	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	6.0
8A	9	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6
8A	10	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2

CTL	1	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
CTL	2	7.2	0.0	5.2	0.0	0.0	0.0	0.0	0.0	12.4
CTL	3	7.4	0.0	0.0	0.0	6.0	0.0	0.0	0.0	7.4
CTL	4	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8
CTL	5	9.3	0.4	4.1	0.0	0.0	0.8	0.0	0.0	14.6
CTL	6	11.8	0.8	0.0	0.0	0.0	0.4	0.0	0.0	13.0
CTL	7	7.2	0.0	0.8	0.0	0.8	1.0	0.0	0.0	9.1
CTL	8	8.2	0.0	12.8	0.0	0.0	0.0	0.0	0.0	21.0
CTL	9	4.7	0.0	11.8	0.0	0.0	0.0	0.0	0.0	16.5
CTL	10	13.8	0.0	0.2	0.0	1.4	0.0	0.0	0.0	15.5
		7.8	0.0	2.5	0.0	0.8	0.0	0.0	0.0	11.1

Sta	Quad				1995					
2B	1	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	2	5.8	0.0	4.3	8.5	0.0	0.8	0.0	0.0	19.4
2B	3	10.1	0.0	5.8	0.0	0.0	0.8	0.0	0.0	16.7
2B	4	15.9	0.0	10.7	0.0	1.2	0.0	0.0	0.0	27.8
2B	5	10.3	0.0	7.0	0.0	0.0	0.0	0.0	0.0	17.3
2B	6	24.7	0.0	3.5	0.0	0.2	2.2	0.0	0.0	30.6
2B	7	52.8	9.5	4.7	0.0	0.0	0.0	0.0	0.0	67.0
2B	8	15.9	0.0	6.2	0.0	0.0	0.0	0.0	0.2	22.1
2B	9	18.8	0.0	2.3	0.0	0.0	1.8	0.0	0.0	22.9
2B	10	23.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24.1
6B	1	1.4	0.0	0.2	0.0	0.0	0.0	0.2	0.0	1.8
6B	2	14.2	0.0	0.0	0.2	0.4	0.8	0.0	0.0	15.4
6B	3	15.0	0.0	3.3	0.0	0.0	3.5	0.0	2.4	21.7
6B	4	4.9	0.0	1.6	0.0	0.0	3.9	0.0	0.0	10.4
6B	5	6.6	0.0	5.6	0.0	0.2	0.0	0.6	0.0	13.0
6B	6	8.9	0.0	3.5	0.0	0.0	0.4	0.0	0.0	12.8
6B	7	10.5	0.0	8.0	0.4	0.0	1.0	0.0	0.0	19.5
6B	8	13.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	15.0
6B	9	12.6	0.0	7.2	0.6	0.0	0.0	0.0	1.0	20.4
6B	10	4.7	0.0	3.1	0.0	0.0	0.0	0.0	0.6	7.8
8A	1	9.3	0.0	8.9	0.0	0.0	0.0	0.0	0.0	18.2
8A	2	1.0	0.0	0.2	0.0	0.0	0.0	0.0	1.2	1.2
8A	3	1.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	2.0
8A	4	1.0	0.0	5.1	0.0	0.0	0.2	0.0	0.0	6.3

8A	5	1.2	0.0	0.0	0.2	0.0	0.0	0.0	1.4	1.2
8A	6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
8A	7	6.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	7.0
8A	8	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
8A	9	3.7	0.0	0.6	0.0	0.0	0.0	0.0	0.4	4.3
8A	10	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
CTL	1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.9
CTL	2	3.9	0.0	6.6	0.0	0.0	0.0	0.0	0.0	10.5
CTL	3	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9
CTL	4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
CTL	5	6.4	0.0	7.0	0.0	0.0	0.0	0.0	0.0	13.4
CTL	6	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.2
CTL	7	5.6	0.0	0.6	0.0	0.0	1.0	0.0	0.0	6.2
CTL	8	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
CTL	9	3.2	0.0	3.7	0.0	0.0	0.0	0.0	0.0	6.9
CTL	10	12.0	0.0	0.4	0.0	1.0	0.0	0.0	0.0	13.4
		5.3	0.0	2.2	0.0	0.8	0.0	0.0	0.0	8.3

Sta	Quad				1996					
2B	1	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	2	9.5	0.0	4.3	10.1	0.2	2.7	0.4	0.0	27.2
2B	3	5.2	0.0	8.2	0.0	0.0	1.9	0.0	0.0	15.3
2B	4	16.7	0.0	12.0	0.0	0.2	2.1	0.0	0.0	30.9
2B	5	9.9	0.0	7.4	0.0	0.0	0.0	0.0	0.0	17.3
2B	6	21.4	0.0	1.9	0.0	0.0	0.0	0.0	1.4	24.7
2B	7	53.4	12.6	6.6	0.0	0.0	0.4	0.0	0.0	73.0
2B	8	17.1	0.0	6.8	0.0	0.0	0.0	0.0	0.0	23.9
2B	9	20.8	0.0	1.9	0.0	0.0	2.7	0.0	0.0	25.4
2B	10	34.6	0.0	1.4	0.0	1.4	0.0	0.0	0.0	37.5
6B	1	1.9	0.0	2.1	0.0	0.0	0.0	0.0	0.0	3.9
6B	2	11.5	0.0	0.4	0.0	1.0	1.6	0.0	0.0	14.6
6B	3	18.1	0.0	0.0	0.0	0.4	2.9	0.0	1.9	23.3
6B	4	5.8	0.0	3.5	0.0	1.9	3.9	0.0	0.0	15.1
6B	5	7.2	0.0	6.6	0.0	1.4	0.0	0.0	0.4	15.7
6B	6	10.5	0.0	4.5	0.0	0.0	0.2	0.0	0.0	15.3
6B	7	12.4	0.0	10.9	0.0	0.0	0.8	0.0	0.0	24.1
6B	8	15.5	0.0	0.4	0.0	0.0	0.6	0.0	0.0	16.5

6B	9	14.0	0.0	8.0	0.0	0.0	3.7	0.0	1.0	26.8
6B	10	7.4	0.0	4.9	0.0	0.0	0.0	0.0	0.0	12.4
8A	1	6.2	0.0	9.7	0.0	0.0	0.0	0.0	0.0	15.9
8A	2	2.5	0.0	0.4	0.0	0.2	0.0	0.0	0.0	3.1
8A	3	2.3	0.0	0.6	0.0	0.0	0.2	0.0	0.8	3.9
8A	4	2.9	0.0	6.4	0.0	0.0	0.4	0.0	0.4	10.0
8A	5	2.5	0.0	0.2	0.0	0.0	0.0	0.0	0.6	3.3
8A	6	3.9	0.0	0.6	0.0	0.0	0.0	0.0	0.0	4.5
8A	7	9.2	0.0	1.2	0.0	0.0	0.0	0.0	0.6	11.1
8A	8	7.2	0.0	0.2	0.0	0.0	0.0	0.0	0.2	7.6
8A	9	7.2	0.0	2.3	0.0	0.0	0.0	0.0	0.0	9.4
8A	10	4.3	0.0	0.8	0.0	0.0	0.0	0.0	0.0	5.1
CTL	1	3.3	0.0	8.0	0.0	0.0	0.0	0.0	0.0	11.3
CTL	2	3.3	0.0	0.6	0.0	0.6	0.0	0.0	0.0	4.5
CTL	3	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9
CTL	4	4.9	0.0	0.6	0.0	0.0	0.0	0.0	0.0	5.5
CTL	5	8.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	9.0
CTL	6	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5
CTL	7	3.9	0.0	0.0	0.0	0.0	0.6	0.0	0.0	4.5
CTL	8	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9
CTL	9	2.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	2.9
CTL	10	11.3	0.0	1.0	0.0	1.4	0.8	0.0	0.0	14.5
		7.2	0.0	2.7	0.0	0.0	0.0	0.0	0.0	9.8

Kahe Coral Percent Coverage

1981

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	Replaced in 1986								
2B	2	17.3	0.0	13.8	0.0	0.2	2.5	0.0	0.0	33.8
2B	3	Replaced in 1987								
2B	4	8.7	0.0	14.4	0.0	0.0	1.6	0.0	0.0	24.7
2B	5	23.7	0.0	2.9	0.0	0.2	0.0	0.0	9.7	26.8
2B	6	28.9	2.1	8.2	0.0	0.0	0.0	0.0	4.3	39.2
2B	7	9.5	0.0	2.1	0.0	1.2	0.6	0.0	0.0	13.4
2B	8	6.0	0.0	3.1	0.0	1.4	2.5	0.4	2.9	13.4
2B	9	22.5	0.0	4.9	1.6	0.2	0.0	0.6	0.0	29.9
2B	10	23.3	0.0	9.5	0.0	0.2	0.0	0.2	0.0	33.2
	Mean	17.5	0.3	7.4	0.2	0.4	0.9	0.2	2.1	26.8
	St. Dev	8.5	0.7	4.9	0.6	0.6	1.1	0.2	3.5	9.4
	St. Err	3.0	0.3	1.7	0.2	0.2	0.4	0.1	1.2	3.3

1982

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	Replaced in 1986								
2B	2	20.2	0.0	12.0	0.0	0.0	0.0	0.0	5.4	32.2
2B	3	Replaced in 1987								
2B	4	8.8	0.0	15.0	0.0	0.0	1.4	0.0	1.8	25.2
2B	5	18.8	0.0	0.6	0.0	0.0	0.4	0.0	0.0	19.8
2B	6	26.4	2.2	8.0	0.0	0.0	0.0	0.0	16.1	36.6
2B	7	11.2	0.0	3.0	0.0	1.0	1.0	0.0	1.6	16.2
2B	8	4.8	0.0	3.4	0.0	0.0	3.6	0.4	2.4	12.2
2B	9	23.0	0.0	5.4	0.0	0.0	2.6	0.6	0.0	31.6
2B	10	18.2	0.0	9.8	0.0	0.0	0.8	0.6	4.2	29.4
	Mean	16.4	0.3	7.2	0.0	0.1	1.2	0.2	3.9	25.4
	St. Dev	7.4	0.8	4.9	0.0	0.4	1.3	0.3	5.3	8.6
	St. Err	2.6	0.3	1.7	0.0	0.1	0.5	0.1	1.9	3.0

1983

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	Replaced in 1986								

2B	2	21.0	0.0	10.8	0.0	0.0	0.0	0.0	1.2	31.8
2B	3	Replaced in 1987								
2B	4	11.4	0.0	11.6	0.0	0.0	0.4	0.0	3.0	23.4
2B	5	16.4	0.0	0.6	0.0	0.0	0.6	0.0	3.2	17.6
2B	6	16.4	2.8	6.6	0.0	0.0	0.6	0.0	1.0	26.4
2B	7	12.0	0.0	3.8	0.0	1.0	1.0	0.0	3.8	17.8
	Mean	13.3	0.5	5.9	0.0	0.2	0.5	0.0	2.3	20.0
	St. Dev	6.3	1.1	4.6	0.0	0.4	0.3	0.0	1.2	9.9
	St. Err	2.2	0.4	1.6	0.0	0.1	0.1	0.0	0.4	3.5

1984

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	Replaced in 1986								
2B	2	17.5	0.0	7.2	0.0	0.0	1.2	0.2	0.0	26.2
2B	3	Replaced in 1987								
2B	4	10.0	0.0	6.6	0.2	0.0	1.0	0.0	0.0	8.9
2B	5	21.6	0.0	0.8	0.0	0.4	0.0	0.0	0.2	22.9
2B	6	18.4	1.2	0.6	0.0	0.0	0.0	0.0	0.0	20.2
2B	7	11.3	0.0	3.3	0.0	0.8	0.0	0.0	0.0	15.9
2B	8	8.7	0.0	2.5	0.0	1.9	0.0	0.0	0.0	13.0
2B	9	26.0	0.0	6.0	1.6	0.6	0.0	0.0	0.0	34.2
2B	10	20.8	0.0	8.2	0.0	0.0	1.0	0.2	0.0	30.3
	Mean	16.8	0.2	4.4	0.2	0.5	0.4	0.1	0.0	21.5
	St. Dev	6.2	0.4	3.0	0.6	0.7	0.6	0.1	0.1	8.7
	St. Err	2.2	0.2	1.1	0.2	0.2	0.2	0.0	0.0	3.1

1985

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	Replaced in 1986								
2B	2	18.5	0.0	7.8	0.0	0.0	0.0	0.0	0.0	26.5
2B	3	Replaced in 1987								
2B	4	11.3	0.0	8.0	0.0	0.0	1.0	0.0	0.0	20.3
2B	5	16.1	0.0	1.8	0.0	0.4	0.0	0.0	0.0	18.3
2B	6	21.0	0.8	1.0	0.0	0.0	0.0	0.0	0.0	22.0
2B	7	11.5	0.0	2.8	0.0	0.8	0.0	0.0	0.0	14.3
2B	8	10.9	0.0	2.4	0.0	0.0	2.7	0.0	0.0	16.0
2B	9	22.5	0.0	5.4	1.6	0.4	0.0	0.0	0.0	28.3

2B	10	26.2	0.0	7.0	0.0	0.0	0.0	0.0	0.0	33.4
	Mean	17.3	0.1	4.5	0.2	0.2	0.5	0.0	0.0	22.4
	St. Dev	5.8	0.3	2.9	0.6	0.3	1.0	0.0	0.0	6.6
	St. Err	2.0	0.1	1.0	0.2	0.1	0.3	0.0	0.0	2.3

1986

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	12.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	13.8
2B	2	13.0	0.0	10.3	0.0	0.0	0.0	0.6	0.0	23.9
2B	3	Replaced in 1987								
2B	4	12.6	0.0	8.7	0.0	0.0	0.0	0.0	0.0	21.2
2B	5	23.7	0.0	3.3	0.0	0.0	0.0	0.0	0.0	27.0
2B	6	16.7	2.1	1.4	0.0	0.0	0.0	0.0	0.0	20.2
2B	7	15.3	0.0	7.6	0.0	0.0	0.0	0.0	0.0	22.9
2B	8	14.4	0.0	3.3	0.0	0.0	0.0	0.0	0.0	17.7
2B	9	23.9	0.0	6.4	0.0	0.4	0.0	0.0	0.0	30.7
2B	10	20.8	0.0	7.4	0.0	0.0	0.0	0.6	0.6	29.5
	Mean	16.9	0.2	5.6	0.0	0.0	0.0	0.1	0.1	23.0
	St. Dev	4.7	0.7	3.2	0.0	0.1	0.0	0.3	0.2	5.5
	St. Err	1.6	0.2	1.1	0.0	0.0	0.0	0.1	0.1	1.8

1987

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	9.2	0.0	2.9	0.0	0.0	0.0	0.6	0.0	12.7
2B	2	13.8	0.0	8.9	0.4	0.0	1.8	0.0	0.0	24.9
2B	3	23.7	1.0	6.8	2.5	0.2	0.0	0.0	0.0	34.2
2B	4	14.0	0.0	9.9	0.0	0.0	0.0	0.0	0.0	23.9
2B	5	30.3	0.0	0.2	0.0	0.4	0.0	0.0	0.0	30.9
2B	6	23.3	2.3	3.3	0.0	0.0	0.0	0.0	0.0	28.9
2B	7	14.6	0.0	11.3	0.0	0.2	0.0	0.0	0.6	26.1
2B	8	16.5	0.0	2.7	0.2	0.2	0.0	0.0	0.0	19.6
2B	9	30.9	0.0	7.2	0.0	0.2	8.2	0.0	0.0	46.5
2B	10	25.8	0.0	8.9	0.6	0.0	0.0	0.6	0.6	35.9
	Mean	20.2	0.3	6.2	0.4	0.1	1.0	0.1	0.1	28.4
	St. Dev	7.6	0.8	3.7	0.8	0.1	2.6	0.3	0.3	9.3
	St. Err	2.4	0.2	1.2	0.2	0.0	0.8	0.1	0.1	3.0

1990

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	9.9	0.0	8.0	4.9	0.4	0.4	0.6	0.0	24.3
2B	2	22.3	0.0	12.8	0.0	0.0	0.8	0.0	0.0	35.9
2B	3	34.8	0.0	8.7	0.0	0.2	0.0	0.0	0.0	43.7
2B	4	14.0	0.0	10.9	0.0	0.0	0.0	0.0	0.0	24.9
2B	5	35.9	0.0	2.1	0.0	0.0	2.1	0.0	0.0	40.0
2B	6	35.9	2.1	2.1	0.0	0.0	0.0	0.0	0.0	40.0
2B	7	No data in 1990								
2B	8	19.8	0.0	4.7	0.0	1.2	3.3	0.0	0.0	29.1
2B	9	29.5	0.0	0.0	0.0	1.4	0.0	0.0	0.0	30.9
2B	10	23.3	0.0	6.2	0.0	0.0	0.4	0.4	0.0	30.3
	Mean	25.0	0.2	6.2	0.5	0.4	0.8	0.1	0.0	33.2
	St. Dev	9.6	0.7	4.3	1.6	0.6	1.2	0.2	0.0	7.0
	St. Err	3.2	0.2	1.4	0.5	0.2	0.4	0.1	0.0	2.3

1991

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	8.2	0.0	8.0	6.6	0.4	0.8	0.0	0.0	24.1
2B	2	25.8	0.0	10.7	0.0	0.0	0.4	0.0	0.0	36.9
2B	3	33.0	0.0	8.7	0.0	0.4	0.0	0.0	0.0	42.1
2B	4	13.4	0.0	14.8	0.0	0.0	0.0	0.0	0.0	28.2
2B	5	41.4	0.0	1.6	0.0	0.0	2.3	0.0	0.0	45.4
2B	6	39.6	2.3	2.7	0.0	0.0	0.0	0.0	0.0	44.5
2B	7	15.7	0.0	7.6	0.0	0.0	0.6	0.0	0.0	23.9
2B	8	21.4	0.0	5.2	0.0	1.2	2.1	0.2	0.0	30.1
2B	9	34.4	0.0	0.0	0.0	1.0	0.6	0.0	0.0	36.1
2B	10	22.3	0.0	5.8	0.0	0.0	0.8	0.6	0.0	29.5
	Mean	25.5	0.2	6.5	0.7	0.3	0.8	0.1	0.0	34.1
	St. Dev	11.3	0.7	4.4	2.1	0.5	0.8	0.2	0.0	8.1
	St. Err	3.6	0.2	1.4	0.7	0.1	0.3	0.1	0.0	2.6

1992

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	9.2	0.0	10.0	5.2	0.0	0.2	0.0	3.0	24.6
2B	2	27.0	0.0	11.0	0.0	0.6	0.2	0.0	1.2	38.8
2B	3	36.2	0.0	10.0	0.0	0.8	0.0	0.0	0.0	47.0

2B	4	18.6	0.0	18.0	0.0	0.0	0.0	0.0	2.0	36.6
2B	5	45.0	0.0	2.4	0.0	0.0	0.0	0.0	1.0	47.4
2B	6	41.2	5.0	3.6	0.0	0.0	0.0	0.0	2.0	49.8
2B	7	17.4	0.0	8.4	0.0	0.2	0.0	0.0	1.8	26.0
2B	8	20.2	0.0	3.0	0.0	0.4	0.8	0.0	6.0	24.4
2B	9	34.0	0.0	0.0	0.0	2.8	0.0	0.0	0.4	36.8
2B	10	22.6	0.0	5.6	0.0	0.6	1.2	0.0	0.0	30.0
	Mean	27.1	0.5	7.2	0.5	0.5	0.2	0.0	1.7	36.1
	St. Dev	11.6	1.6	5.3	1.6	0.8	0.4	0.0	1.8	9.7
	St. Err	3.7	0.5	1.7	0.5	0.3	0.1	0.0	0.6	3.1

1993

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	5.8	0.0	9.7	7.2	0.0	0.6	0.8	0.0	24.1
2B	2	16.1	0.0	9.9	0.0	0.0	1.0	0.2	0.0	27.2
2B	3	33.0	0.0	10.7	0.0	0.0	0.4	0.0	0.0	44.1
2B	4	8.7	0.0	12.4	0.0	0.0	1.6	0.0	0.2	22.7
2B	5	27.8	0.0	3.3	0.0	0.0	1.9	0.0	0.0	33.0
2B	6	50.3	6.8	3.5	0.0	0.0	0.0	0.0	0.0	60.6
2B	7	29.9	0.0	3.3	0.0	0.0	0.0	0.0	0.0	33.2
2B	8	20.4	0.0	3.1	0.0	0.6	2.9	0.0	0.0	27.0
2B	9	34.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.2
2B	10	6.6	0.0	3.7	0.0	0.0	1.6	0.8	0.0	12.8
	Mean	23.3	0.7	6.0	0.7	0.1	1.0	0.2	0.0	31.9
	St. Dev	14.4	2.2	4.2	2.3	0.2	1.0	0.3	0.1	13.1
	St. Err	4.6	0.7	1.3	0.7	0.1	0.3	0.1	0.0	4.1

1994

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	5.1	0.0	6.8	7.4	0.0	0.0	0.6	0.0	19.9
2B	2	12.5	0.0	11.5	0.0	0.0	0.0	0.2	0.0	24.2
2B	3	24.3	0.0	11.1	0.0	0.4	0.8	0.0	0.0	36.6
2B	4	8.7	0.0	12.3	0.0	0.0	0.0	0.2	0.0	21.2
2B	5	20.2	0.0	3.1	0.0	0.0	2.1	0.0	0.0	25.4
2B	6	49.1	11.1	3.9	0.0	0.0	0.0	0.0	0.0	64.1
2B	7	16.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	20.1
2B	8	17.1	0.0	1.6	0.0	0.6	2.5	0.2	0.0	22.0

2B	9	26.0	0.0	0.2	0.0	1.6	0.0	0.0	0.0	27.8
2B	10	2.4	0.0	4.7	0.0	0.0	0.0	0.2	0.0	7.3
	Mean	18.1	1.1	5.9	0.7	0.3	0.5	0.1	0.0	26.9
	St. Dev	13.4	3.5	4.3	2.3	0.5	1.0	0.2	0.0	15.0
	St. Err	4.2	1.1	1.4	0.7	0.2	0.3	0.1	0.0	4.7

1995

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	5.6	0.0	4.7	8.2	0.0	0.6	0.0	0.0	19.2
2B	2	9.3	0.0	5.6	0.0	0.0	0.8	0.0	0.0	15.7
2B	3	16.1	0.0	10.5	0.0	1.0	0.0	0.0	0.0	27.6
2B	4	8.9	0.0	6.8	0.0	0.0	0.0	0.0	0.0	15.7
2B	5	25.6	0.0	3.1	0.0	0.2	2.7	0.0	0.0	31.5
2B	6	51.8	8.9	4.1	0.0	0.0	0.0	0.0	0.0	64.7
2B	7	16.1	0.0	6.8	0.0	0.0	0.0	0.0	0.2	23.1
2B	8	19.2	0.0	2.5	0.0	0.0	1.9	0.0	0.0	23.5
2B	9	24.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24.5
2B	10	1.4	0.0	0.2	0.0	0.0	0.0	0.2	0.0	1.9
	Mean	17.8	0.9	4.5	0.8	0.1	0.6	0.0	0.0	24.7
	St. Dev	14.3	2.8	3.2	2.6	0.3	0.9	0.1	0.1	16.3
	St. Err	4.5	0.9	1.0	0.8	0.1	0.3	0.0	0.0	5.1

1996

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	8.2	0.0	4.7	9.1	0.0	2.5	0.2	0.0	24.7
2B	2	5.3	0.0	8.4	0.0	0.0	2.1	0.0	0.0	15.8
2B	3	15.0	0.0	10.9	0.0	1.0	1.8	0.0	0.0	28.7
2B	4	8.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	14.2
2B	5	23.5	0.0	1.8	0.0	0.0	0.0	0.0	2.6	25.3
2B	6	53.2	12.3	7.2	0.0	0.0	0.4	0.0	0.0	73.1
2B	7	18.1	0.0	6.2	0.0	0.0	0.0	0.0	0.0	24.3
2B	8	19.5	0.0	2.1	0.0	0.4	3.3	0.0	0.0	25.3
2B	9	34.4	0.0	1.8	0.0	1.6	0.0	0.0	0.0	37.8
2B	10	1.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	3.8
	Mean	18.7	1.2	5.2	0.9	0.3	1.0	0.0	0.3	27.3
	St. Dev	15.5	3.9	3.2	2.9	0.6	1.3	0.1	0.8	18.5
	St. Err	4.9	1.2	1.0	0.9	0.2	0.4	0.0	0.3	5.9

1997

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
2B	1	6.8	0.0	9.2	6.2	0.1	5.2	0.4	0.0	27.9
2B	2	7.8	0.0	11.8	0.0	0.0	2.2	0.0	0.0	21.8
2B	3	15.2	0.0	11.1	0.0	0.2	2.5	0.0	0.0	29.0
2B	4	12.8	0.0	6.0	0.0	0.0	0.0	0.0	0.0	18.8
2B	5	22.4	0.0	1.9	0.0	0.0	0.0	0.0	2.0	26.3
2B	6	47.8	8.4	5.2	0.0	0.0	0.0	0.0	0.0	61.4
2B	7	22.1	0.0	4.7	0.0	0.0	0.0	0.0	0.0	26.8
2B	8	27.6	0.0	1.6	0.0	1.4	3.9	0.0	0.0	34.5
2B	9	34.2	0.0	1.6	0.0	1.4	0.0	0.0	0.0	37.2
2B	10	1.8	0.0	3.3	0.0	0.0	0.2	0.0	0.0	5.3
	Mean	19.9	0.8	5.6	0.6	0.3	1.4	0.0	0.2	28.9
	St. Dev	14.0	2.7	3.9	2.0	0.6	1.9	0.1	0.6	14.4
	St. Err	4.4	0.8	1.2	0.6	0.2	0.6	0.0	0.2	4.6

Kahe Coral Percent Coverage

1981

Sta	Quad	P_lob	P_mean	Other	Total
2B	1	Replaced in 1986			
2B	2	17.3	13.8	2.7	33.8
2B	3	Replaced in 1987			
2B	4	8.7	14.4	1.6	24.7
2B	5	23.7	2.9	0.2	26.8
2B	6	28.9	8.2	2.1	39.2
2B	7	9.5	2.1	1.9	13.4
2B	8	6.0	3.1	4.3	13.4
2B	9	22.5	4.9	2.5	29.9
2B	10	23.3	9.5	0.4	33.2
	Mean	17.5	7.4	2.0	26.8
	St. Dev	8.5	4.9	1.3	9.4
	St. Err	3.0	1.7	0.5	3.3

1982

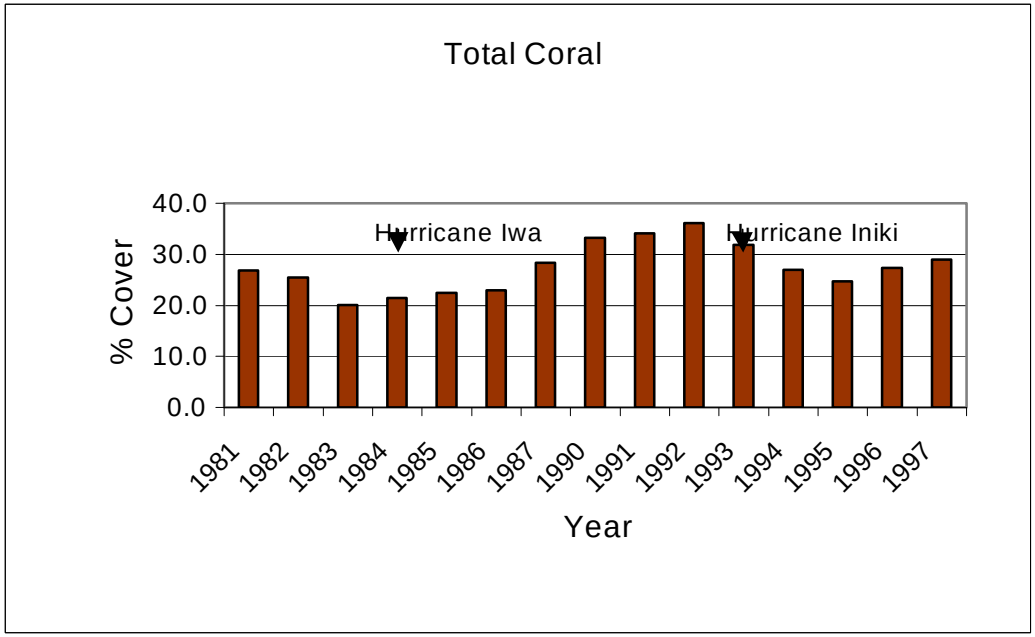
Sta	Quad	P_lob	P_mean	Other	Total
2B	1	Replaced in 1986			
2B	2	20.2	12.0	0.0	32.2
2B	3	Replaced in 1987			
2B	4	8.8	15.0	1.4	25.2
2B	5	18.8	0.6	0.4	19.8
2B	6	26.4	8.0	2.2	36.6
2B	7	11.2	3.0	2.0	16.2
2B	8	4.8	3.4	4.0	12.2
2B	9	23.0	5.4	3.2	31.6
2B	10	18.2	9.8	1.4	29.4
	Mean	16.4	7.2	1.8	25.4
	St. Dev	7.4	4.9	1.3	8.6
	St. Err	2.6	1.7	0.5	3.0

1983

Sta	Quad	P_lob	P_mean	Other	Total
2B	1	Replaced in 1986			

Means

Year	P_lob	P_mean	Other	Total
1981	17.5	7.4	2.0	26.8
1982	16.4	7.2	1.8	25.4
1983	13.3	5.9	1.3	20.0
1984	16.8	4.4	1.3	21.5
1985	17.3	4.5	1.0	22.4
1986	16.9	5.6	0.4	23.0
1987	20.2	6.2	1.9	28.4
1990	25.0	6.2	2.0	33.2
1991	25.5	6.5	2.0	34.1
1992	27.1	7.2	1.8	36.1
1993	23.3	6.0	2.6	31.9
1994	18.1	5.9	2.8	26.9
1995	17.8	4.5	2.5	24.7
1996	18.7	5.2	3.5	27.3
1997	19.9	5.6	3.2	28.9



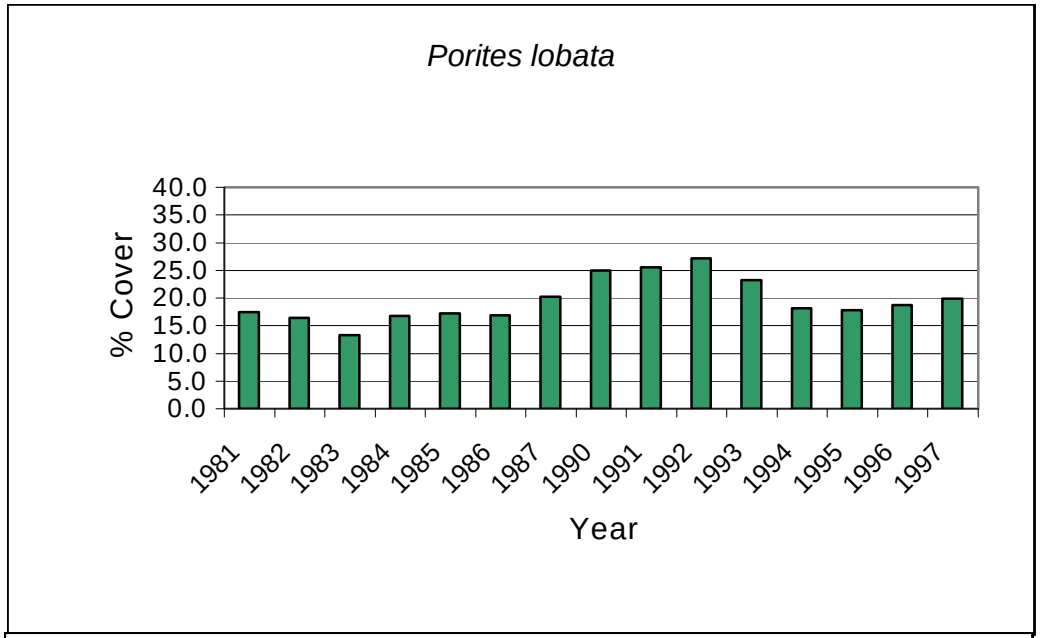
2B	2	21.0	10.8	0.0	31.8
2B	3	Replaced in 1987			
2B	4	11.4	11.6	0.4	23.4
2B	5	16.4	0.6	0.6	17.6
2B	6	16.4	6.6	3.4	26.4
2B	7	12.0	3.8	2.0	17.8
	Mean	13.3	5.9	1.3	20.0
	St. Dev	6.3	4.6	1.4	9.9
	St. Err	2.2	1.6	0.5	3.5

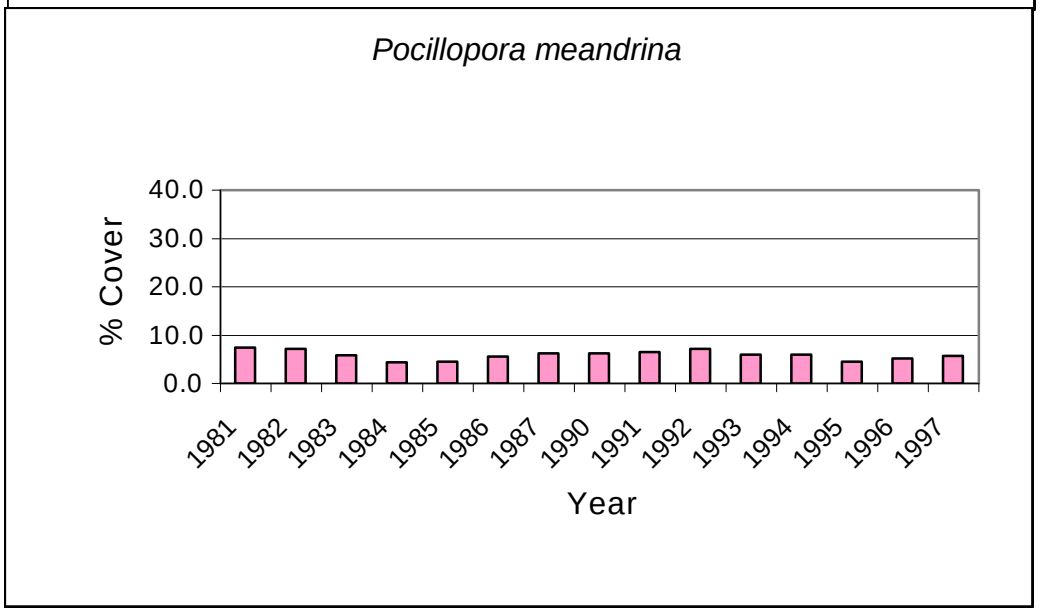
1984

Sta	Quad	P_lob	P_mean	Other	Total
2B	1	Replaced in 1986			
2B	2	17.5	7.2	1.4	26.2
2B	3	Replaced in 1987			
2B	4	10.0	6.6	1.2	8.9
2B	5	21.6	0.8	0.4	22.9
2B	6	18.4	0.6	1.2	20.2
2B	7	11.3	3.3	0.8	15.9
2B	8	8.7	2.5	1.9	13.0
2B	9	26.0	6.0	2.2	34.2
2B	10	20.8	8.2	1.2	30.3
	Mean	16.8	4.4	1.3	21.5
	St. Dev	6.2	3.0	0.6	8.7
	St. Err	2.2	1.1	0.2	3.1

1985

Sta	Quad	P_lob	P_mean	Other	Total
2B	1	Replaced in 1986			
2B	2	18.5	7.8	0.0	26.5
2B	3	Replaced in 1987			
2B	4	11.3	8.0	1.0	20.3
2B	5	16.1	1.8	0.4	18.3
2B	6	21.0	1.0	0.8	22.0
2B	7	11.5	2.8	0.8	14.3
2B	8	10.9	2.4	2.7	16.0
2B	9	22.5	5.4	2.0	28.3





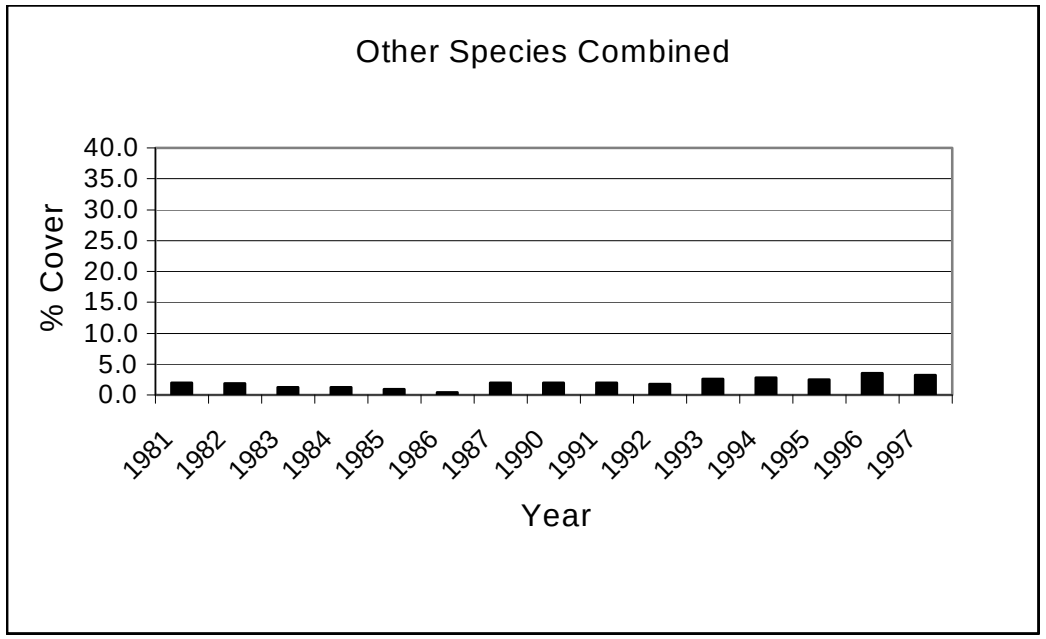
2B	10	26.2	7.0	0.0	33.4
	Mean	17.3	4.5	1.0	22.4
	St. Dev	5.8	2.9	1.0	6.6
	St. Err	2.0	1.0	0.3	2.3

1986

Sta	Quad	P_lob	P_mean	Other	Total
2B	1	12.0	1.9	0.0	13.8
2B	2	13.0	10.3	0.6	23.9
2B	3	Replaced in 1987			
2B	4	12.6	8.7	0.0	21.2
2B	5	23.7	3.3	0.0	27.0
2B	6	16.7	1.4	2.1	20.2
2B	7	15.3	7.6	0.0	22.9
2B	8	14.4	3.3	0.0	17.7
2B	9	23.9	6.4	0.4	30.7
2B	10	20.8	7.4	0.6	29.5
	Mean	16.9	5.6	0.4	23.0
	St. Dev	4.7	3.2	0.7	5.5
	St. Err	1.6	1.1	0.2	1.8

1987

Sta	Quad	P_lob	P_mean	Other	Total
2B	1	9.2	2.9	0.6	12.7
2B	2	13.8	8.9	2.2	24.9
2B	3	23.7	6.8	3.7	34.2
2B	4	14.0	9.9	0.0	23.9
2B	5	30.3	0.2	0.4	30.9
2B	6	23.3	3.3	2.3	28.9
2B	7	14.6	11.3	0.2	26.1
2B	8	16.5	2.7	0.4	19.6
2B	9	30.9	7.2	8.4	46.5
2B	10	25.8	8.9	1.2	35.9
	Mean	20.2	6.2	1.9	28.4
	St. Dev	7.6	3.7	2.6	9.3
	St. Err	2.4	1.2	0.9	3.0



Statistical Comparisons - Paired t tests of difference in Total Coral % Cover

Yearly

Comparison	Mean Change	Sig.
1990-91	1.98	n. s.
1992-92	2.06	n. s.
1991-93	-5.94	*
1993-94	-4.01	*
1994-95	-1.89	n. s.
1995-96	3.18	n. s.
1996-97	1.6	n. s.

Decade

Comparison	Mean Change	Sig.
1981-91	0.75	*
1982-92	1.08	*
1983-93	5.48	n. s.
1984-94	5.9	n. s.
1985-95	2.92	n. s.
1986-96	4.58	n. s.
1987-97	0.54	n. s.

1990

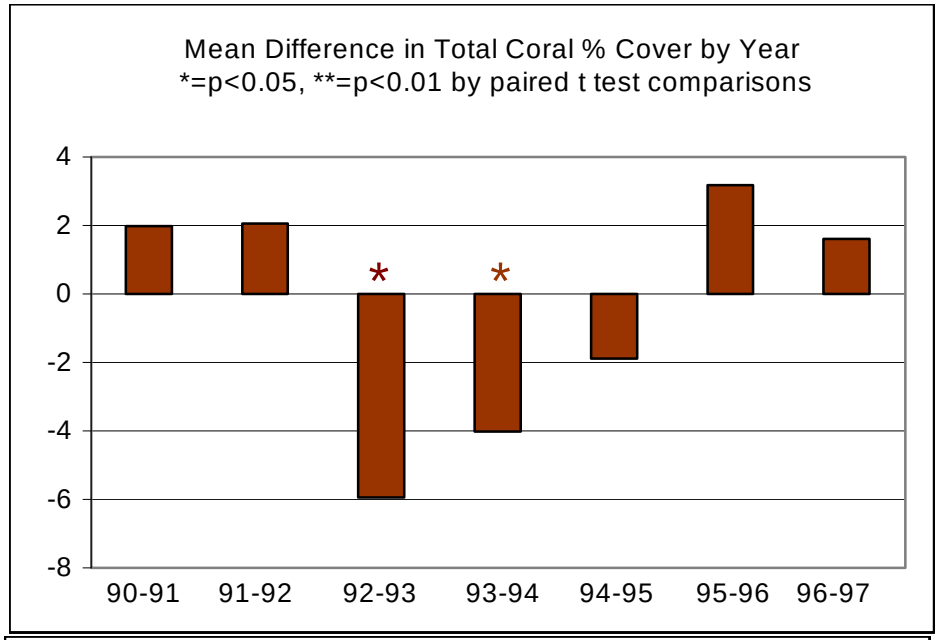
Sta	Quad	P_lob	P_mean	Other	Total
2B	1	9.9	8.0	6.4	24.3
2B	2	22.3	12.8	0.8	35.9
2B	3	34.8	8.7	0.2	43.7
2B	4	14.0	10.9	0.0	24.9
2B	5	35.9	2.1	2.1	40.0
2B	6	35.9	2.1	2.1	40.0
2B	7	No data in 1990			
2B	8	19.8	4.7	4.5	29.1
2B	9	29.5	0.0	1.4	30.9
2B	10	23.3	6.2	0.8	30.3
	Mean	25.0	6.2	2.0	33.2
	St. Dev	9.6	4.3	2.1	7.0
	St. Err	3.2	1.4	0.8	2.3

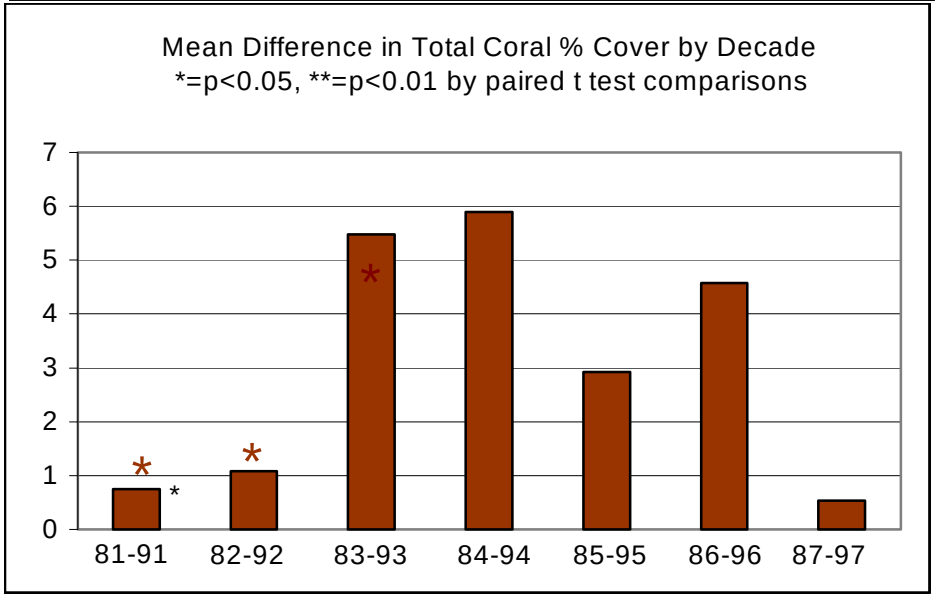
1991

Sta	Quad	P_lob	P_mean	Other	Total
2B	1	8.2	8.0	7.8	24.1
2B	2	25.8	10.7	0.4	36.9
2B	3	33.0	8.7	0.4	42.1
2B	4	13.4	14.8	0.0	28.2
2B	5	41.4	1.6	2.3	45.4
2B	6	39.6	2.7	2.3	44.5
2B	7	15.7	7.6	0.6	23.9
2B	8	21.4	5.2	3.5	30.1
2B	9	34.4	0.0	1.6	36.1
2B	10	22.3	5.8	1.4	29.5
	Mean	25.5	6.5	2.0	34.1
	St. Dev	11.3	4.4	2.3	8.1
	St. Err	3.6	1.4	0.8	2.6

1992

Sta	Quad	P_lob	P_mean	Other	Total
2B	1	9.2	10.0	5.4	24.6
2B	2	27.0	11.0	0.8	38.8





2B	3	36.2	10.0	0.8	47.0
2B	4	18.6	18.0	0.0	36.6
2B	5	45.0	2.4	0.0	47.4
2B	6	41.2	3.6	5.0	49.8
2B	7	17.4	8.4	0.2	26.0
2B	8	20.2	3.0	1.2	24.4
2B	9	34.0	0.0	2.8	36.8
2B	10	22.6	5.6	1.8	30.0
	Mean	27.1	7.2	1.8	36.1
	St. Dev	11.6	5.3	2.0	9.7
	St. Err	3.7	1.7	0.7	3.1

1993

Sta	Quad	P_lob	P_mean	Other	Total
2B	1	5.8	9.7	8.6	24.1
2B	2	16.1	9.9	1.2	27.2
2B	3	33.0	10.7	0.4	44.1
2B	4	8.7	12.4	1.6	22.7
2B	5	27.8	3.3	1.9	33.0
2B	6	50.3	3.5	6.8	60.6
2B	7	29.9	3.3	0.0	33.2
2B	8	20.4	3.1	3.5	27.0
2B	9	34.2	0.0	0.0	34.2
2B	10	6.6	3.7	2.4	12.8
	Mean	23.3	6.0	2.6	31.9
	St. Dev	14.4	4.2	2.9	13.1
	St. Err	4.6	1.3	1.0	4.1

1994

Sta	Quad	P_lob	P_mean	Other	Total
2B	1	5.1	6.8	8.0	19.9
2B	2	12.5	11.5	0.2	24.2
2B	3	24.3	11.1	1.2	36.6
2B	4	8.7	12.3	0.2	21.2
2B	5	20.2	3.1	2.1	25.4
2B	6	49.1	3.9	11.1	64.1
2B	7	16.0	4.1	0.0	20.1

2B	8	17.1	1.6	3.3	22.0
2B	9	26.0	0.2	1.6	27.8
2B	10	2.4	4.7	0.2	7.3
	Mean	18.1	5.9	2.8	26.9
	St. Dev	13.4	4.3	3.8	15.0
	St. Err	4.2	1.4	1.3	4.7

1995

Sta	Quad	P_lob	P_mean	Other	Total
2B	1	5.6	4.7	8.9	19.2
2B	2	9.3	5.6	0.8	15.7
2B	3	16.1	10.5	1.0	27.6
2B	4	8.9	6.8	0.0	15.7
2B	5	25.6	3.1	2.9	31.5
2B	6	51.8	4.1	8.9	64.7
2B	7	16.1	6.8	0.0	23.1
2B	8	19.2	2.5	1.9	23.5
2B	9	24.1	0.4	0.0	24.5
2B	10	1.4	0.2	0.2	1.9
	Mean	17.8	4.5	2.5	24.7
	St. Dev	14.3	3.2	3.5	16.3
	St. Err	4.5	1.0	1.2	5.1

1996

Sta	Quad	P_lob	P_mean	Other	Total
2B	1	8.2	4.7	11.8	24.7
2B	2	5.3	8.4	2.1	15.8
2B	3	15.0	10.9	2.8	28.7
2B	4	8.0	6.2	0.0	14.2
2B	5	23.5	1.8	0.0	25.3
2B	6	53.2	7.2	12.7	73.1
2B	7	18.1	6.2	0.0	24.3
2B	8	19.5	2.1	3.7	25.3
2B	9	34.4	1.8	1.6	37.8
2B	10	1.6	2.2	0.0	3.8
	Mean	18.7	5.2	3.5	27.3
	St. Dev	15.5	3.2	4.8	18.5

	St. Err	4.9	1.0	1.7	5.9

1997

Sta	Quad	P_lob	P_mean	Other	Total
2B	1	6.8	9.2	11.9	27.9
2B	2	7.8	11.8	2.2	21.8
2B	3	15.2	11.1	2.7	29.0
2B	4	12.8	6.0	0.0	18.8
2B	5	22.4	1.9	0.0	26.3
2B	6	47.8	5.2	8.4	61.4
2B	7	22.1	4.7	0.0	26.8
2B	8	27.6	1.6	5.3	34.5
2B	9	34.2	1.6	1.4	37.2
2B	10	1.8	3.3	0.2	5.3
	Mean	19.9	5.6	3.2	28.9
	St. Dev	14.0	3.9	4.1	14.4
	St. Err	4.4	1.2	1.5	4.6

Kahe Coral Percent Coverage

1981

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
6B	1	7.4	0.0	1.6	0.0	3.3	2.5	0.2	0.0	15.1
6B	2	Replaced in 1991								
6B	3	6.2	0.0	5.4	0.0	2.3	2.3	1.2	0.0	17.3
6B	4	3.5	0.0	5.6	0.0	0.0	0.0	0.0	0.0	9.1
6B	2	Replaced in 1991								
6B	6	11.3	0.0	11.3	0.0	1.0	2.9	0.0	2.3	26.6
6B	7	5.8	3.7	1.4	0.0	0.0	0.0	0.0	3.1	10.9
6B	8	Replaced in 1987								
6B	9	6.0	0.0	3.1	0.0	0.4	0.0	0.0	0.0	9.5
6B	10	5.4	0.0	3.9	0.0	0.6	0.0	0.0	0.0	9.9
	Mean	6.5	0.5	4.6	0.0	1.1	1.1	0.2	0.8	14.1
	St. Dev	2.4	1.4	3.4	0.0	1.2	1.4	0.5	1.3	6.3
	St. Err	0.9	0.5	1.2	0.0	0.4	0.5	0.2	0.5	2.2

1982

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
6B	1	6.8	0.0	2.8	0.0	0.0	3.0	0.6	0.0	13.2
6B	2	Replaced in 1991								
6B	3	5.8	0.0	5.6	0.0	1.2	3.2	1.6	0.0	17.4
6B	4	4.0	0.0	4.4	0.0	0.2	0.0	0.0	0.0	8.6
6B	2	Replaced in 1991								
6B	6	0.0	0.0	8.8	0.0	0.0	4.0	0.0	2.2	12.8
6B	7	6.2	4.6	1.0	0.0	0.0	0.0	0.0	2.4	11.8
6B	8	9.4	0.0	6.4	0.0	0.0	3.8	0.0	1.4	19.8
6B	9	5.4	0.0	1.4	0.0	0.0	0.4	0.0	0.0	7.2
6B	10	4.4	0.0	4.6	0.0	0.2	0.4	0.0	0.0	9.6
	Mean	5.3	0.6	4.4	0.0	0.2	1.9	0.3	0.8	12.6
	St. Dev	2.7	1.6	2.6	0.0	0.4	1.8	0.6	1.1	4.3
	St. Err	1.0	0.6	0.9	0.0	0.1	0.6	0.2	0.4	1.5

1983

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
6B	1	11.4	0.0	0.6	0.0	0.0	3.2	0.6	0.0	15.8
6B	2	Replaced in 1991								
6B	3	2.8	0.0	0.6	0.0	0.8	1.6	1.4	0.0	7.2
6B	4	4.8	0.0	6.8	0.0	0.8	0.0	0.0	0.0	12.4
6B	2	Replaced in 1991								

6B	6	11.6	0.0	12.2	0.0	1.2	3.6	0.0	2.6	28.6
6B	7	8.2	0.0	0.8	0.0	0.0	0.0	0.0	3.2	9.0
6B	8	9.4	0.0	8.0	0.0	0.0	3.6	0.0	0.0	21.0
6B	9	6.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	7.4
6B	10	8.0	0.0	5.6	0.0	0.2	0.4	0.0	0.0	14.2
	Mean	7.8	0.0	4.5	0.0	0.4	1.6	0.3	0.7	14.5
	St. Dev	3.1	0.0	4.3	0.0	0.5	1.7	0.5	1.4	7.4
	St. Err	1.1	0.0	1.5	0.0	0.2	0.6	0.2	0.5	2.6

1984

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
6B	1	8.5	0.0	0.2	0.0	1.2	1.2	0.2	0.0	11.3
6B	2	Replaced in 1991								
6B	3	3.3	0.0	1.0	0.0	1.2	1.4	1.4	0.0	8.5
6B	4	3.7	0.0	7.4	0.0	0.0	0.0	0.0	0.0	11.1
6B	5	Replaced in 1991								
6B	6	12.8	0.0	15.3	0.0	2.1	1.0	0.2	2.1	33.2
6B	7	7.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	7.6
6B	8	Replaced in 1987								
6B	9	4.5	0.0	1.2	0.0	0.0	0.0	0.0	0.0	5.8
6B	10	8.0	0.0	7.2	0.0	0.0	0.0	0.0	0.0	15.3
	Mean	6.9	0.0	4.7	0.0	0.6	0.5	0.3	0.3	13.3
	St. Dev	3.4	0.0	5.6	0.0	0.9	0.7	0.5	0.8	9.3
	St. Err	1.2	0.0	2.0	0.0	0.3	0.2	0.2	0.3	3.3

1985

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
6B	1	12.5	0.0	0.8	0.0	1.0	0.0	0.2	0.0	14.3
6B	2	Replaced in 1991								
6B	3	2.5	0.0	1.6	2.1	1.2	0.0	1.8	0.0	8.6
6B	4	5.2	0.0	7.0	0.0	0.0	0.6	0.0	0.0	12.2
6B	5	Replaced in 1991								
6B	6	15.5	0.0	15.7	0.0	0.0	0.0	0.0	4.7	31.2
6B	7	6.6	0.0	1.8	0.0	0.0	0.0	0.0	0.0	8.4
6B	8	Replaced in 1987								
6B	9	3.3	0.0	1.6	0.0	0.0	0.0	0.0	0.0	4.9
6B	10	7.4	0.0	7.8	0.0	0.0	0.0	0.0	0.0	15.2
	Mean	7.6	0.0	5.2	0.3	0.3	0.1	0.3	0.7	13.5
	St. Dev	4.8	0.0	5.4	0.8	0.5	0.2	0.7	1.8	8.6
	St. Err	1.7	0.0	1.9	0.3	0.2	0.1	0.2	0.6	3.0

1986

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
6B	1	10.7	0.0	2.7	0.0	0.6	0.0	0.6	0.0	14.6
6B	2	Replaced in 1991								
6B	3	4.3	0.0	3.1	0.0	0.0	1.9	3.3	0.0	12.6
6B	4	3.7	0.0	12.0	0.0	0.0	0.0	0.0	0.0	15.7
6B	5	Replaced in 1991								
6B	6	Missing								
6B	7	7.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	10.9
6B	8	Replaced in 1987								
6B	9	4.9	0.0	3.9	0.0	0.0	0.0	0.0	0.0	8.9
6B	10	Missing								
	Mean	6.1	0.0	5.1	0.0	0.1	0.4	0.8	0.0	12.5
	St. Dev	2.8	0.0	3.9	0.0	0.3	0.8	1.4	0.0	2.8
	St. Err	1.0	0.0	1.4	0.0	0.1	0.3	0.5	0.0	1.0

1987

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
6B	1	Missing								0.0
6B	2	Replaced in 1991								0.0
6B	3	4.9	0.0	3.5	0.0	0.0	0.4	2.1	0.0	10.9
6B	4	3.3	0.0	14.8	0.0	0.0	0.0	0.0	0.0	18.1
6B	5	Replaced in 1991								0.0
6B	6	12.2	0.0	3.3	0.6	0.0	1.8	0.0	0.0	17.9
6B	7	9.5	0.0	9.9	0.0	0.0	0.0	0.0	0.0	19.4
6B	8	9.7	0.0	8.2	0.0	0.0	0.0	0.0	0.0	17.9
6B	9	4.9	0.0	7.2	0.0	0.0	0.0	0.0	0.0	12.1
6B	10	10.1	0.0	14.8	0.0	0.0	0.0	0.0	0.0	24.9
	Mean	7.8	0.0	8.8	0.1	0.0	0.3	0.3	0.0	12.1
	St. Dev	3.4	0.0	4.7	0.2	0.0	0.7	0.8	0.0	9.2
	St. Err	1.2	0.0	1.7	0.1	0.0	0.2	0.3	0.0	3.3

1990

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
6B	1	10.3	0.0	0.0	0.0	0.6	1.9	0.0	0.0	12.8
6B	2	Replaced in 1991								
6B	3	5.2	0.0	0.0	0.0	0.4	1.0	2.1	0.0	8.7
6B	4	5.8	0.0	4.9	0.0	0.0	0.0	0.0	0.0	10.7
6B	5	Replaced in 1991								

6B	6	8.7	0.0	8.9	0.0	0.0	1.6	0.0	0.0	19.2
6B	7	14.4	0.0	8.0	0.0	0.0	0.0	0.0	0.0	22.5
6B	8	11.5	0.0	13.8	0.0	0.0	0.2	0.0	1.0	25.6
6B	9	9.3	0.0	14.8	0.0	0.2	0.0	0.0	0.0	24.3
6B	10	10.5	0.0	13.2	0.0	0.0	0.0	0.0	0.0	23.7
	Mean	9.5	0.0	8.0	0.0	0.2	0.6	0.3	0.1	18.4
	St. Dev	3.0	0.0	5.9	0.0	0.2	0.8	0.7	0.4	6.7
	St. Err	1.1	0.0	2.1	0.0	0.1	0.3	0.3	0.1	2.4

1991

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
6B	1	11.8	0.0	0.0	0.0	0.4	1.0	0.0	0.8	13.2
6B	2	14.4	0.0	3.9	0.0	0.8	2.5	1.0	0.0	22.7
6B	3	4.9	0.0	0.0	0.0	1.2	0.2	0.0	0.0	6.4
6B	4	6.2	0.0	6.0	0.0	0.0	0.0	0.0	0.0	12.2
6B	5	18.8	0.0	3.7	0.0	0.0	0.0	0.0	0.0	22.5
6B	6	8.7	0.0	10.1	0.0	0.0	1.9	0.0	0.6	20.6
6B	7	13.0	0.0	6.0	0.0	0.0	0.0	0.0	0.8	19.0
6B	8	11.1	0.0	13.0	0.0	0.0	0.0	0.0	0.0	24.1
6B	9	8.2	0.0	13.2	0.0	0.0	0.0	0.0	0.0	21.4
6B	10	11.3	0.0	12.6	0.0	0.0	0.0	0.0	0.0	23.9
	Mean	10.8	0.0	6.9	0.0	0.2	0.6	0.1	0.2	18.6
	St. Dev	4.1	0.0	5.1	0.0	0.4	0.9	0.3	0.4	6.0
	St. Err	1.4	0.0	1.8	0.0	0.2	0.3	0.1	0.1	2.1

1992

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
6B	1	13.0	0.0	0.0	0.0	0.0	0.4	0.4	2.0	13.8
6B	2	15.2	0.0	3.6	0.0	2.4	0.8	0.0	3.0	22.0
6B	3	8.6	0.0	0.0	0.0	0.2	1.0	0.0	0.0	9.8
6B	4	7.2	0.0	6.2	0.0	0.2	0.0	0.0	0.8	13.6
6B	5	18.2	0.0	5.6	0.0	0.0	0.0	0.0	1.0	23.8
6B	6	9.2	0.0	11.4	0.0	1.2	0.0	0.0	1.8	21.8
6B	7	13.2	0.0	6.4	0.0	0.0	0.4	0.0	3.8	20.0
6B	8	11.6	0.0	6.6	0.0	0.0	0.0	0.0	5.4	18.2
6B	9	7.6	0.0	13.2	0.0	0.0	0.0	0.0	0.0	20.8
6B	10	9.2	0.0	12.8	0.0	0.2	0.0	0.0	1.0	22.2
	Mean	11.3	0.0	6.6	0.0	0.4	0.3	0.0	1.9	18.6
	St. Dev	3.6	0.0	4.7	0.0	0.8	0.4	0.1	1.7	4.6
	St. Err	1.3	0.0	1.7	0.0	0.3	0.1	0.0	0.6	1.6

1993

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
6B	1	12.8	0.0	0.0	0.0	0.4	1.2	0.0	0.0	14.4
6B	2	17.1	0.0	4.3	0.0	0.0	3.9	0.0	0.0	25.4
6B	3	3.7	0.0	0.2	0.0	0.6	3.3	0.0	0.0	7.8
6B	4	7.6	0.0	5.6	0.0	0.0	0.8	0.2	1.2	14.2
6B	5	18.4	0.0	7.6	0.0	0.0	0.6	0.0	0.0	26.6
6B	6	10.9	0.0	10.9	0.0	0.0	0.8	0.0	0.8	23.5
6B	7	12.2	0.0	4.7	0.0	0.0	0.4	0.0	0.0	17.3
6B	8	11.3	0.0	7.0	0.4	0.2	0.6	0.0	0.0	19.6
6B	9	6.2	0.0	2.1	0.0	0.0	0.0	0.0	0.0	8.2
6B	10	8.2	0.0	13.8	0.0	0.0	0.0	0.0	0.0	22.1
	Mean	10.8	0.0	5.6	0.0	0.1	1.2	0.0	0.2	17.9
	St. Dev	4.6	0.0	4.4	0.1	0.2	1.3	0.1	0.4	6.7
	St. Err	1.6	0.0	1.6	0.0	0.1	0.5	0.0	0.2	2.4

1994

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
6B	1	12.0	0.0	0.0	0.2	0.4	0.0	0.0	0.8	12.6
6B	2	16.5	0.0	4.7	0.0	0.6	2.1	0.0	2.5	23.9
6B	3	4.3	0.0	0.6	0.0	0.0	2.2	0.0	0.0	7.1
6B	4	5.6	0.0	4.3	0.0	0.0	0.0	0.6	0.6	10.5
6B	5	8.7	0.0	3.1	0.0	0.0	0.0	0.0	0.4	11.8
6B	6	9.7	0.0	9.7	0.0	0.0	0.6	0.0	0.6	20.0
6B	7	12.5	0.0	5.2	0.0	0.0	0.0	0.0	1.2	17.7
6B	8	10.7	0.0	6.2	0.0	0.0	0.0	0.0	0.8	16.9
6B	9	4.5	0.0	2.9	0.0	0.0	0.0	0.0	0.2	7.4
6B	10	7.6	0.0	10.1	0.0	0.0	0.0	0.0	0.0	17.7
	Mean	9.2	0.0	4.7	0.0	0.1	0.5	0.1	0.7	14.6
	St. Dev	3.9	0.0	3.4	0.1	0.2	0.9	0.2	0.7	5.5
	St. Err	1.4	0.0	1.2	0.0	0.1	0.3	0.1	0.3	2.0

1995

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
6B	1	13.6	0.0	0.0	0.2	0.4	0.8	0.0	0.0	15.1
6B	2	15.3	0.0	2.9	0.0	0.0	3.3	0.0	2.5	23.9
6B	3	4.5	0.0	1.4	0.0	0.0	3.9	0.0	0.0	9.9
6B	4	6.8	0.0	6.0	0.0	0.2	0.0	0.6	0.0	13.6
6B	5	9.5	0.0	3.7	0.0	0.0	0.4	0.0	0.0	13.6

6B	6	10.9	0.0	7.0	0.2	0.0	1.0	0.0	0.0	19.2
6B	7	14.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	18.8
6B	8	13.0	0.0	6.6	0.6	0.0	0.0	0.0	2.1	22.3
6B	9	5.2	0.0	3.7	0.0	0.0	0.0	0.0	0.6	9.5
6B	10	8.9	0.0	9.1	0.0	0.0	0.0	0.0	0.0	17.9
	Mean	10.2	0.0	4.5	0.1	0.1	0.9	0.1	0.5	16.4
	St. Dev	3.8	0.0	2.7	0.2	0.1	1.5	0.2	0.9	4.9
	St. Err	1.4	0.0	1.0	0.1	0.0	0.5	0.1	0.3	1.7

1996

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
6B	1	3.0	0.0	0.2	0.0	1.0	2.1	0.0	0.0	6.3
6B	2	19.0	0.0	0.0	0.0	3.5	0.0	0.0	1.6	22.5
6B	3	5.8	0.0	3.9	0.0	1.2	3.1	0.0	0.0	14.0
6B	4	5.2	0.0	7.8	0.0	0.0	0.8	0.0	0.6	13.8
6B	5	10.5	0.0	6.0	0.0	0.0	0.0	0.0	0.0	16.5
6B	6	12.0	0.0	9.6	0.0	0.0	0.8	0.0	0.0	22.4
6B	7	13.6	0.0	0.8	0.0	0.0	1.0	0.0	0.0	15.4
6B	8	12.2	0.0	7.2	0.0	0.0	3.5	0.0	0.0	22.9
6B	9	7.4	0.0	4.9	0.0	0.0	0.0	0.0	0.0	12.3
6B	10	6.0	0.0	9.4	0.0	0.0	0.0	0.0	0.0	15.4
	Mean	9.5	0.0	5.0	0.0	0.6	1.1	0.0	0.2	16.2
	St. Dev	4.9	0.0	3.7	0.0	1.1	1.3	0.0	0.5	5.3
	St. Err	1.7	0.0	1.3	0.0	0.4	0.5	0.0	0.2	1.9

1997

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
6B	1	14.4	0.0	0.6	0.0	1.0	1.0	0.0	0.0	17.0
6B	2	19.1	0.0	0.8	0.0	0.0	1.8	0.0	1.4	23.1
6B	3	6.0	0.0	4.1	0.0	1.8	3.3	0.0	0.0	15.2
6B	4	7.8	0.0	8.2	0.0	0.4	0.4	0.0	0.4	17.2
6B	5	9.5	0.0	6.6	0.0	0.0	0.0	0.0	0.0	16.1
6B	6	14.2	0.0	11.5	0.0	0.0	1.2	0.0	0.0	26.9
6B	7	14.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	15.0
6B	8	11.7	0.0	7.8	0.0	0.0	4.1	0.0	0.8	24.4
6B	9	8.4	0.0	5.3	0.0	0.0	0.0	0.0	0.0	13.7
6B	10	6.2	0.0	11.3	0.0	0.0	0.0	0.0	0.0	17.5
	Mean	11.2	0.0	5.6	0.0	0.3	1.2	0.0	0.3	18.6
	St. Dev	4.3	0.0	4.2	0.0	0.6	1.5	0.0	0.5	4.5
	St. Err	1.5	0.0	1.5	0.0	0.2	0.5	0.0	0.2	1.6

Kahe Coral Percent Coverage

1981

Sta	Quad	P_lob	P_mean	Other	Total
6B	1	7.4	1.6	6.0	15.1
6B	2	Replaced in 1991			
6B	3	6.2	5.4	5.8	17.3
6B	4	3.5	5.6	0.0	9.1
6B	2	Replaced in 1991			
6B	6	11.3	11.3	3.9	26.6
6B	7	5.8	1.4	3.7	10.9
6B	8	Replaced in 1987			
6B	9	6.0	3.1	0.4	9.5
6B	10	5.4	3.9	0.6	9.9
	Mean	6.5	4.6	2.9	14.1
	St. Dev	2.4	3.4	2.6	6.3
	St. Err	0.9	1.2	0.9	2.2

1982

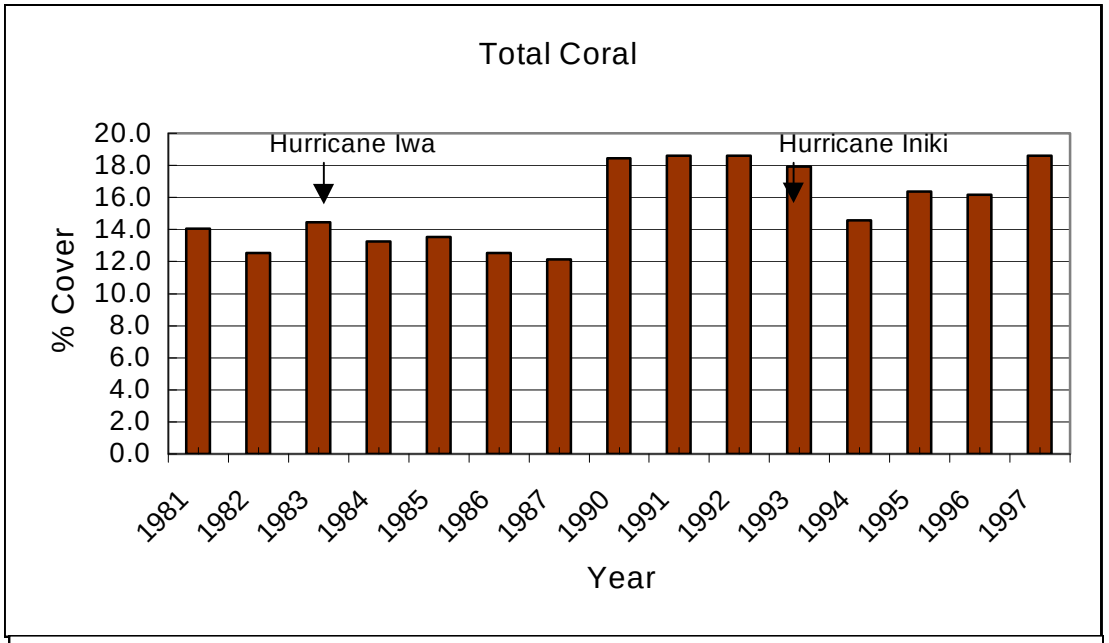
Sta	Quad	P_lob	P_mean	Other	Total
6B	1	6.8	2.8	3.6	13.2
6B	2	Replaced in 1991			
6B	3	5.8	5.6	6.0	17.4
6B	4	4.0	4.4	0.2	8.6
6B	2	Replaced in 1991			
6B	6	0.0	8.8	4.0	12.8
6B	7	6.2	1.0	4.6	11.8
6B	8	9.4	6.4	3.8	19.8
6B	9	5.4	1.4	0.4	7.2
6B	10	4.4	4.6	0.6	9.6
	Mean	5.3	4.4	2.9	12.6
	St. Dev	2.7	2.6	2.2	4.3
	St. Err	1.0	0.9	0.8	1.5

1983

Sta	Quad	P_lob	P_mean	Other	Total
6B	1	11.4	0.6	3.8	15.8
6B	2	Replaced in 1991		0.0	
6B	3	2.8	0.6	3.8	7.2
6B	4	4.8	6.8	0.8	12.4
6B	2	Replaced in 1991		0.0	

Means

Year	P_lob	P_mean	Other	Total
1981	6.5	4.6	2.9	14.1
1982	5.3	4.4	2.9	12.6
1983	7.8	4.5	1.7	14.5
1984	6.9	4.7	1.4	13.3
1985	7.6	5.2	1.0	13.5
1986	6.1	5.1	1.3	12.5
1987	7.8	8.8	0.7	12.1
1990	9.5	8.0	1.0	18.4
1991	10.8	6.9	0.9	18.6
1992	11.3	6.6	0.7	18.6
1993	10.8	5.6	1.3	17.9
1994	9.2	4.7	0.7	14.6
1995	10.2	4.5	1.2	16.4
1996	9.5	5.0	1.7	16.2
1997	11.2	5.6	1.5	18.6



Porites lobata

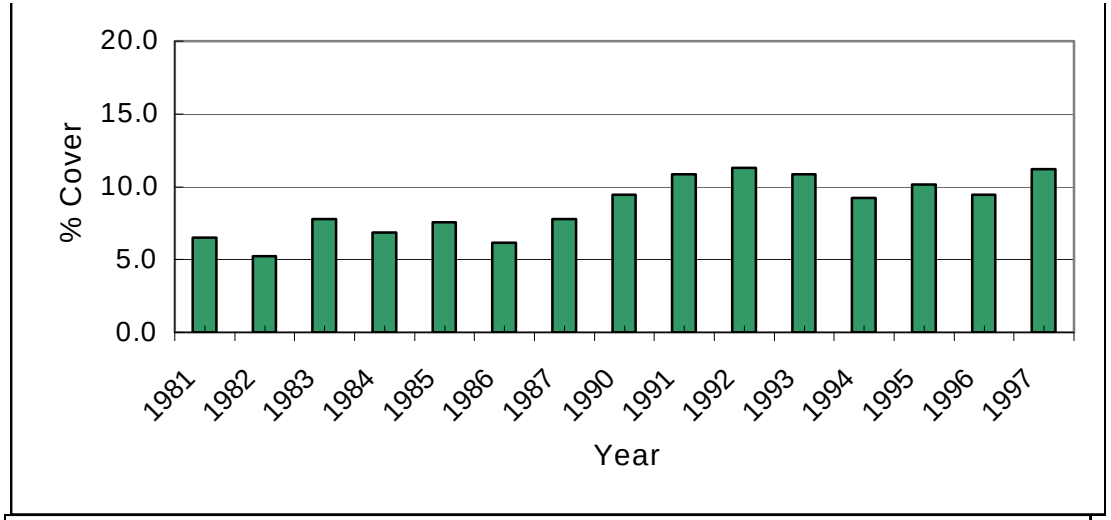
6B	6	11.6	12.2	4.8	28.6
6B	7	8.2	0.8	0.0	9.0
6B	8	9.4	8.0	3.6	21.0
6B	9	6.0	1.4	0.0	7.4
6B	10	8.0	5.6	0.6	14.2
	Mean	7.8	4.5	1.7	14.5
	St. Dev	3.1	4.3	2.0	7.4
	St. Err	1.1	1.5	0.7	2.6

1984

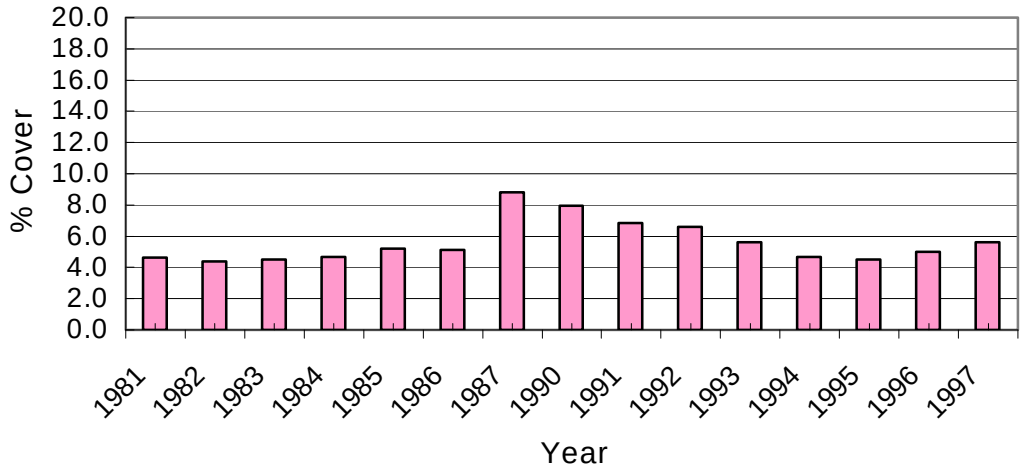
Sta	Quad	P_lob	P_mean	Other	Total
6B	1	8.5	0.2	2.6	11.3
6B	2	Replaced in 1991			
6B	3	3.3	1.0	4.0	8.5
6B	4	3.7	7.4	0.0	11.1
6B	5	Replaced in 1991			
6B	6	12.8	15.3	3.3	33.2
6B	7	7.2	0.4	0.0	7.6
6B	8	Replaced in 1987			
6B	9	4.5	1.2	0.0	5.8
6B	10	8.0	7.2	0.0	15.3
	Mean	6.9	4.7	1.4	13.3
	St. Dev	3.4	5.6	1.8	9.3
	St. Err	1.2	2.0	0.6	3.3

1985

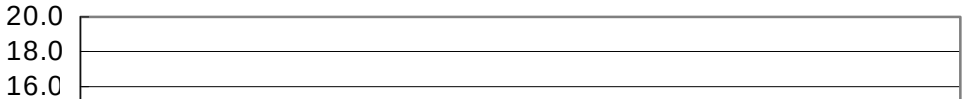
Sta	Quad	P_lob	P_mean	Other	Total
6B	1	12.5	0.8	1.2	14.3
6B	2	Replaced in 1991			
6B	3	2.5	1.6	5.1	8.6
6B	4	5.2	7.0	0.6	12.2
6B	5	Replaced in 1991			
6B	6	15.5	15.7	0.0	31.2
6B	7	6.6	1.8	0.0	8.4
6B	8	Replaced in 1987			
6B	9	3.3	1.6	0.0	4.9
6B	10	7.4	7.8	0.0	15.2
	Mean	7.6	5.2	1.0	13.5
	St. Dev	4.8	5.4	1.9	8.6
	St. Err	1.7	1.9	0.7	3.0



Pocillopora meandrina



Other Species Combined



1986

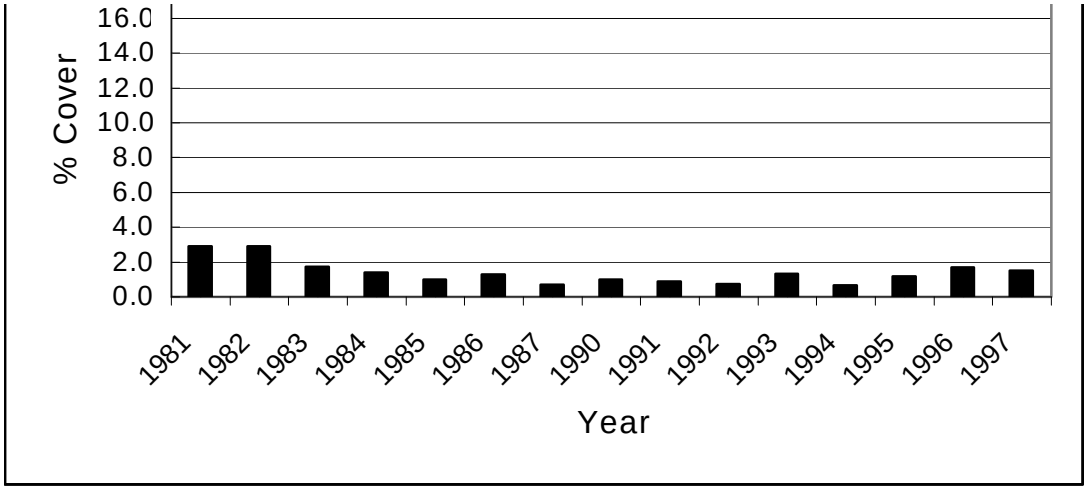
Sta	Quad	P_lob	P_mean	Other	Total
6B	1	10.7	2.7	1.2	14.6
6B	2	Replaced in 1991			
6B	3	4.3	3.1	5.2	12.6
6B	4	3.7	12.0	0.0	15.7
6B	5	Replaced in 1991			
6B	6	Missing			
6B	7	7.0	3.9	0.0	10.9
6B	8	Replaced in 1987			
6B	9	4.9	3.9	0.0	8.9
6B	10	Missing			
	Mean	6.1	5.1	1.3	12.5
	St. Dev	2.8	3.9	2.2	2.8
	St. Err	1.0	1.4	0.8	1.0

1987

Sta	Quad	P_lob	P_mean	Other	Total
6B	1	Missing			0.0
6B	2	Replaced in 1991			0.0
6B	3	4.9	3.5	2.5	10.9
6B	4	3.3	14.8	0.0	18.1
6B	5	Replaced in 1991			0.0
6B	6	12.2	3.3	2.4	17.9
6B	7	9.5	9.9	0.0	19.4
6B	8	9.7	8.2	0.0	17.9
6B	9	4.9	7.2	0.0	12.1
6B	10	10.1	14.8	0.0	24.9
	Mean	7.8	8.8	0.7	12.1
	St. Dev	3.4	4.7	1.2	9.2
	St. Err	1.2	1.7	0.4	3.3

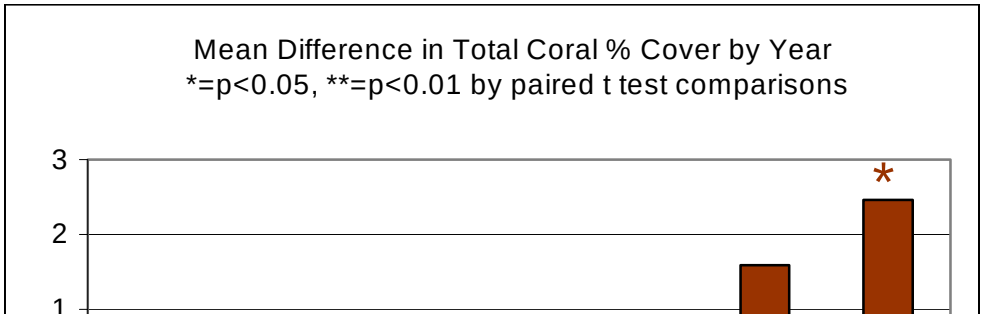
1990

Sta	Quad	P_lob	P_mean	Other	Total
6B	1	10.3	0.0	2.5	12.8
6B	2	Replaced in 1991			
6B	3	5.2	0.0	3.5	8.7
6B	4	5.8	4.9	0.0	10.7
6B	5	Replaced in 1991			



Statistical Comparisons - Paired t tests of difference in Total Coral % Cover

	Yearly Mean			Decade Mean		
Comparison	Change	Sig.		Comparis	Change	Sig.
1990-91	0.83	n. s.		1981-91	0.26	n. s.
1992-92	0	n. s.		1982-92	0.74	*
1991-93	-1.6	n. s.		1983-93	1.29	n. s.
1993-94	-1.75	n. s.		1984-94	1.91	n. s.
1994-95	0.86	n. s.		1985-95	0.64	n. s.
1995-96	1.59	n. s.		1986-96	2.4	n. s.
1996-97	2.46	*		1987-97	1.19	n. s.



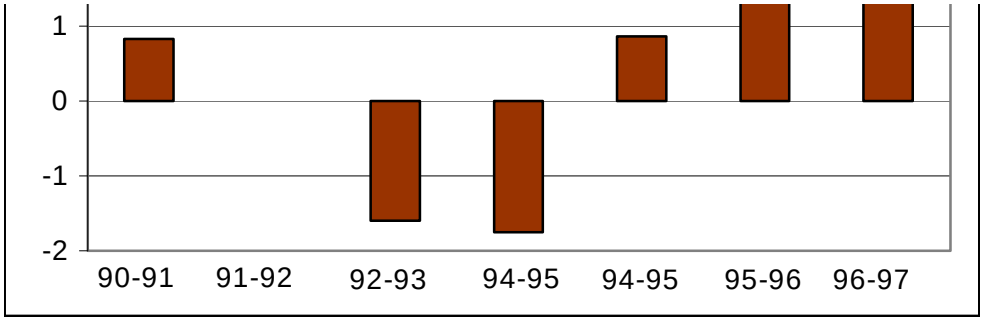
6B	6	8.7	8.9	1.6	19.2
6B	7	14.4	8.0	0.0	22.5
6B	8	11.5	13.8	0.2	25.6
6B	9	9.3	14.8	0.2	24.3
6B	10	10.5	13.2	0.0	23.7
	Mean	9.5	8.0	1.0	18.4
	St. Dev	3.0	5.9	1.4	6.7
	St. Err	1.1	2.1	0.5	2.4

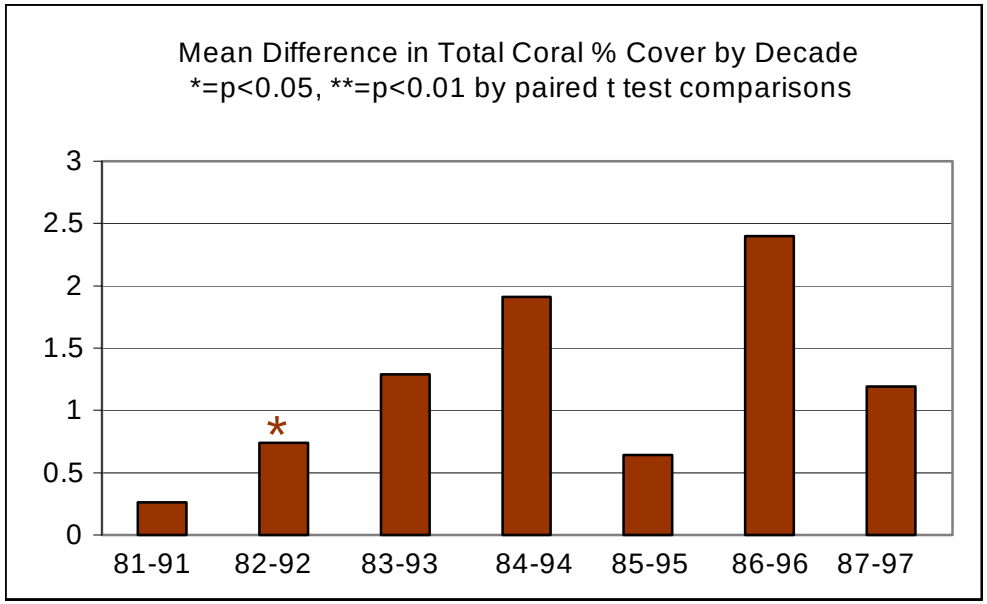
1991

Sta	Quad	P_lob	P_mean	Other	Total
6B	1	11.8	0.0	1.4	13.2
6B	2	14.4	3.9	4.3	22.7
6B	3	4.9	0.0	1.4	6.4
6B	4	6.2	6.0	0.0	12.2
6B	5	18.8	3.7	0.0	22.5
6B	6	8.7	10.1	1.9	20.6
6B	7	13.0	6.0	0.0	19.0
6B	8	11.1	13.0	0.0	24.1
6B	9	8.2	13.2	0.0	21.4
6B	10	11.3	12.6	0.0	23.9
	Mean	10.8	6.9	0.9	18.6
	St. Dev	4.1	5.1	1.4	6.0
	St. Err	1.4	1.8	0.5	2.1

1992

Sta	Quad	P_lob	P_mean	Other	Total
6B	1	13.0	0.0	0.8	13.8
6B	2	15.2	3.6	3.2	22.0
6B	3	8.6	0.0	1.2	9.8
6B	4	7.2	6.2	0.2	13.6
6B	5	18.2	5.6	0.0	23.8
6B	6	9.2	11.4	1.2	21.8
6B	7	13.2	6.4	0.4	20.0
6B	8	11.6	6.6	0.0	18.2
6B	9	7.6	13.2	0.0	20.8
6B	10	9.2	12.8	0.2	22.2
	Mean	11.3	6.6	0.7	18.6
	St. Dev	3.6	4.7	1.0	4.6
	St. Err	1.3	1.7	0.3	1.6





1993

Sta	Quad	P_lob	P_mean	Other	Total
6B	1	12.8	0.0	1.6	14.4
6B	2	17.1	4.3	3.9	25.4
6B	3	3.7	0.2	3.9	7.8
6B	4	7.6	5.6	1.0	14.2
6B	5	18.4	7.6	0.6	26.6
6B	6	10.9	10.9	0.8	23.5
6B	7	12.2	4.7	0.4	17.3
6B	8	11.3	7.0	1.2	19.6
6B	9	6.2	2.1	0.0	8.2
6B	10	8.2	13.8	0.0	22.1
	Mean	10.8	5.6	1.3	17.9
	St. Dev	4.6	4.4	1.4	6.7
	St. Err	1.6	1.6	0.5	2.4

1994

Sta	Quad	P_lob	P_mean	Other	Total
6B	1	12.0	0.0	0.6	12.6
6B	2	16.5	4.7	2.7	23.9
6B	3	4.3	0.6	2.2	7.1
6B	4	5.6	4.3	0.6	10.5
6B	5	8.7	3.1	0.0	11.8
6B	6	9.7	9.7	0.6	20.0
6B	7	12.5	5.2	0.0	17.7
6B	8	10.7	6.2	0.0	16.9
6B	9	4.5	2.9	0.0	7.4
6B	10	7.6	10.1	0.0	17.7
	Mean	9.2	4.7	0.7	14.6
	St. Dev	3.9	3.4	1.0	5.5
	St. Err	1.4	1.2	0.3	2.0

1995

Sta	Quad	P_lob	P_mean	Other	Total
6B	1	13.6	0.0	1.4	15.1
6B	2	15.3	2.9	3.3	23.9
6B	3	4.5	1.4	3.9	9.9
6B	4	6.8	6.0	0.8	13.6
6B	5	9.5	3.7	0.4	13.6

6B	6	10.9	7.0	1.2	19.2
6B	7	14.0	4.7	0.0	18.8
6B	8	13.0	6.6	0.6	22.3
6B	9	5.2	3.7	0.0	9.5
6B	10	8.9	9.1	0.0	17.9
	Mean	10.2	4.5	1.2	16.4
	St. Dev	3.8	2.7	1.4	4.9
	St. Err	1.4	1.0	0.5	1.7

1996

Sta	Quad	P_lob	P_mean	Other	Total
6B	1	3.0	0.2	3.1	6.3
6B	2	19.0	0.0	3.5	22.5
6B	3	5.8	3.9	4.3	14.0
6B	4	5.2	7.8	0.8	13.8
6B	5	10.5	6.0	0.0	16.5
6B	6	12.0	9.6	0.8	22.4
6B	7	13.6	0.8	1.0	15.4
6B	8	12.2	7.2	3.5	22.9
6B	9	7.4	4.9	0.0	12.3
6B	10	6.0	9.4	0.0	15.4
	Mean	9.5	5.0	1.7	16.2
	St. Dev	4.9	3.7	1.7	5.3
	St. Err	1.7	1.3	0.6	1.9

1997

Sta	Quad	P_lob	P_mean	Other	Total
6B	1	14.4	0.6	2.0	17.0
6B	2	19.1	0.8	1.8	23.1
6B	3	6.0	4.1	5.1	15.2
6B	4	7.8	8.2	0.8	17.2
6B	5	9.5	6.6	0.0	16.1
6B	6	14.2	11.5	1.2	26.9
6B	7	14.8	0.2	0.0	15.0
6B	8	11.7	7.8	4.1	24.4
6B	9	8.4	5.3	0.0	13.7
6B	10	6.2	11.3	0.0	17.5
	Mean	11.2	5.6	1.5	18.6
	St. Dev	4.3	4.2	1.8	4.5
	St. Err	1.5	1.5	0.6	1.6

Kahe Coral Percent Coverage

1981

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
8A	1	15.3	0.0	1.4	0.0	4.1	4.1	0.0	0.0	24.9
8A	2	2.9	0.0	1.9	0.0	1.4	1.9	0.0	0.0	8.0
8A	3	8.0	0.0	2.3	0.0	1.9	0.8	0.0	0.0	13.0
8A	4	Replaced in 1987								
8A	5	7.0	0.0	1.9	0.0	0.0	0.4	0.4	0.0	9.7
8A	6	21.4	0.0	5.4	0.0	0.2	1.2	0.2	7.2	28.5
8A	7	20.0	0.0	1.4	1.0	0.0	0.0	0.0	1.9	22.5
8A	8	29.9	0.0	0.4	0.0	0.0	0.0	0.0	2.9	30.3
8A	9	14.8	0.0	1.2	0.8	1.0	0.0	0.0	0.4	17.9
8A	10	20.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	21.0
	Mean	15.6	0.0	1.8	0.2	1.0	0.9	0.1	1.4	19.5
	St. Dev	8.5	0.0	1.5	0.4	1.4	1.4	0.1	2.4	8.0
	St. Err	3.0	0.0	0.5	0.1	0.5	0.5	0.1	0.9	2.8

1982

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
8A	1	No data in1982								
8A	2	7.2	0.0	3.2	0.0	0.0	2.2	0.0	2.6	12.6
8A	3	6.8	0.0	2.2	0.0	0.2	1.0	0.0	0.0	10.2
8A	4	Replaced in 1986								
8A	5	11.0	0.0	1.8	0.0	0.0	0.4	0.4	1.2	13.6
8A	6	22.6	0.0	5.0	0.0	0.0	1.4	0.4	5.4	29.4
8A	7	21.4	0.0	2.6	0.6	0.0	0.0	0.0	1.8	24.6
8A	8	25.8	0.8	0.6	0.0	0.0	0.6	0.0	0.6	27.8
8A	9	15.4	0.0	1.4	0.0	0.2	0.8	0.0	1.6	17.8
8A	10	17.2	0.0	2.2	0.0	0.0	0.0	0.0	0.6	19.4
	Mean	15.9	0.1	2.4	0.1	0.1	0.8	0.1	1.7	19.4
	St. Dev	7.1	0.3	1.3	0.2	0.1	0.7	0.2	1.7	7.2
	St. Err	2.5	0.1	0.5	0.1	0.0	0.3	0.1	0.6	2.6

1983

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
8A	1	10.4	0.0	4.2	0.0	0.0	0.0	0.0	2.6	14.6
8A	2	7.0	0.0	3.6	0.0	0.0	1.0	0.0	2.0	11.6
8A	3	6.8	0.0	3.8	0.0	0.0	0.0	0.0	1.8	10.6
8A	4	Replaced in 1986								

8A	5	7.8	0.0	3.2	0.0	0.0	0.0	0.0	2.8	11.0
8A	6	14.8	0.0	0.0	0.0	0.4	0.6	1.4	4.6	17.2
8A	7	14.8	0.0	4.8	1.0	0.0	0.0	0.0	1.0	20.6
8A	8	24.0	1.2	1.4	0.2	0.0	0.2	0.0	0.0	27.0
8A	9	9.2	0.0	2.2	0.0	0.0	0.6	0.0	2.0	12.0
8A	10	11.2	0.0	4.2	0.0	0.0	0.0	0.0	5.8	15.4
	Mean	11.8	0.1	3.0	0.1	0.0	0.3	0.2	2.5	15.6
	St. Dev	5.5	0.4	1.6	0.3	0.1	0.4	0.5	1.8	5.4
	St. Err	1.9	0.1	0.5	0.1	0.0	0.1	0.2	0.6	1.9

1984

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
8A	1	6.4	0.0	7.0	0.0	0.2	0.8	0.0	0.0	14.4
8A	2	4.7	0.0	4.5	0.0	0.8	0.0	0.0	0.0	10.1
8A	3	6.8	0.0	4.5	0.0	0.0	0.2	0.0	0.0	11.5
8A	4	Replaced in 1986								
8A	5	8.0	0.0	3.7	0.0	0.0	0.0	0.2	0.0	12.0
8A	6	20.0	0.0	5.4	0.0	0.0	0.6	0.6	0.0	26.6
8A	7	14.0	0.0	6.8	0.4	0.0	0.0	0.0	0.0	21.6
8A	8	17.1	0.4	2.9	0.0	0.0	0.0	0.0	0.0	20.4
8A	9	7.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	11.8
8A	10	8.9	0.0	5.6	0.0	0.0	0.0	0.0	0.0	14.4
	Mean	10.3	0.0	4.9	0.0	0.1	0.2	0.1	0.0	15.9
	St. Dev	5.4	0.1	1.4	0.1	0.3	0.3	0.2	0.0	5.7
	St. Err	1.9	0.0	0.5	0.0	0.1	0.1	0.1	0.0	2.0

1985

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
8A	1	Missing in 1985								
8A	2	4.7	0.0	6.8	0.0	0.2	0.0	0.0	0.0	11.7
8A	3	7.6	0.0	6.8	0.0	0.0	0.4	0.0	0.0	14.8
8A	4	Replaced in 1986								
8A	5	6.6	0.0	5.8	0.0	0.0	0.0	0.0	0.0	12.4
8A	6	13.8	0.0	4.7	0.0	0.0	0.0	0.0	0.0	18.5
8A	7	15.2	0.0	11.8	0.4	0.0	0.0	0.0	6.2	27.0
8A	8	16.9	0.0	3.7	0.0	0.0	0.0	0.0	0.4	20.6
8A	9	7.4	0.0	2.7	0.0	0.0	0.0	0.0	0.0	10.1
8A	10	7.4	0.0	7.4	0.0	0.0	0.0	0.0	0.0	14.8
	Mean	10.0	0.0	6.2	0.1	0.0	0.1	0.0	0.8	16.2
	St. Dev	4.6	0.0	2.8	0.1	0.1	0.1	0.0	2.2	5.6

	St. Err	1.6	0.0	1.0	0.1	0.0	0.1	0.0	0.8	2.0

1986

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
8A	1	7.8	0.0	6.0	0.0	0.0	0.0	0.0	1.2	15.1
8A	2	5.2	0.0	7.8	0.0	0.0	0.2	0.0	0.4	13.6
8A	3	8.0	0.0	7.6	0.0	0.0	0.0	0.0	0.0	15.7
8A	4	Replaced in 1987								
8A	5	7.0	0.0	8.7	0.0	0.0	0.0	0.4	0.0	16.1
8A	6	14.0	0.0	5.4	0.0	0.0	0.0	0.0	4.3	23.7
8A	7	16.5	0.0	9.9	0.6	0.0	0.0	0.0	1.0	28.0
8A	8	16.1	0.0	10.3	0.0	0.0	0.0	0.0	0.0	26.4
8A	9	9.1	0.0	4.3	0.0	0.0	0.0	0.0	0.0	13.4
8A	10	9.1	0.0	9.1	0.0	0.0	0.0	0.0	1.4	19.6
	Mean	10.3	0.0	7.7	0.1	0.0	0.0	0.0	0.9	19.1
	St. Dev	4.1	0.0	2.1	0.2	0.0	0.1	0.1	1.4	5.6
	St. Err	1.5	0.0	0.7	0.1	0.0	0.0	0.0	0.5	2.0

1987

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
8A	1	6.8	0.0	9.7	0.0	0.2	0.2	0.0	0.0	16.9
8A	2	6.8	0.0	9.1	0.0	0.0	0.0	0.0	0.0	15.9
8A	3	9.5	0.0	19.3	0.0	0.0	0.0	0.1	0.0	28.9
8A	4	5.2	0.0	7.4	0.0	0.0	0.0	0.0	0.0	12.6
8A	5	5.8	0.0	1.2	0.0	0.0	0.0	0.0	0.0	7.0
8A	6	19.4	0.0	4.9	0.0	0.0	1.0	0.0	4.3	25.3
8A	7	17.7	0.0	8.2	0.6	0.0	0.0	0.0	0.0	26.5
8A	8	17.3	1.6	13.6	0.0	0.0	0.0	0.0	0.0	32.5
8A	9	13.4	0.0	17.0	0.0	0.1	0.0	0.0	0.0	30.5
8A	10	12.8	0.0	10.1	0.0	0.0	0.0	0.0	0.0	22.9
	Mean	11.5	0.2	10.1	0.1	0.0	0.1	0.0	0.4	21.9
	St. Dev	5.4	0.5	5.4	0.2	0.1	0.3	0.0	1.4	8.4
	St. Err	1.9	0.2	1.9	0.1	0.0	0.1	0.0	0.5	3.0

1990

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
8A	1	5.4	0.0	10.3	0.0	0.0	0.0	0.0	3.3	15.7
8A	2	8.2	0.0	9.9	0.0	0.0	0.6	0.0	0.0	18.8
8A	3	5.8	0.0	5.8	0.0	0.0	0.0	0.2	6.2	11.8
8A	4	4.7	0.0	8.0	0.0	0.0	0.0	0.2	0.0	13.0

8A	5	10.9	0.0	9.5	0.0	0.0	0.0	0.4	0.0	20.8
8A	6	18.1	0.0	0.0	0.0	0.0	0.0	0.4	0.0	18.6
8A	7	19.2	0.0	6.0	0.6	0.0	0.0	0.0	0.6	25.8
8A	8	17.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	17.5
8A	9	12.8	0.0	1.2	0.0	0.0	0.0	0.0	1.4	14.0
8A	10	6.0	0.0	10.7	0.0	0.0	0.0	0.0	0.0	16.7
	Mean	10.8	0.0	6.2	0.1	0.0	0.1	0.1	1.2	17.3
	St. Dev	5.7	0.0	4.2	0.2	0.0	0.2	0.2	2.1	4.1
	St. Err	2.0	0.0	1.5	0.1	0.0	0.1	0.1	0.7	1.4

1991

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
8A	1	1.4	0.0	4.1	0.0	0.0	0.0	0.0	2.3	5.6
8A	2	4.3	0.0	9.1	0.0	0.0	0.0	0.4	0.0	13.8
8A	3	2.9	0.0	4.3	0.0	0.0	0.0	0.0	0.0	7.2
8A	4	4.7	0.0	6.0	0.0	0.0	0.0	0.0	3.3	10.7
8A	5	7.4	0.0	2.9	0.0	0.0	0.0	0.4	6.2	10.7
8A	6	13.0	0.0	0.0	0.0	0.0	0.0	0.2	6.2	13.2
8A	7	18.4	0.0	4.7	0.4	0.0	0.0	0.0	0.4	23.5
8A	8	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7
8A	9	4.1	0.0	9.9	0.0	0.0	0.0	0.0	2.1	14.0
8A	10	5.2	0.0	6.8	0.0	0.0	0.0	0.0	0.0	12.0
	Mean	7.1	0.0	4.8	0.0	0.0	0.0	0.1	2.1	12.0
	St. Dev	5.2	0.0	3.3	0.1	0.0	0.0	0.2	2.5	4.9
	St. Err	1.8	0.0	1.2	0.0	0.0	0.0	0.1	0.9	1.7

1992

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
8A	1	2.0	0.0	4.4	0.0	0.0	0.0	0.0	4.0	6.4
8A	2	2.6	0.0	6.6	0.0	0.0	0.0	0.0	4.4	9.2
8A	3	3.2	0.0	4.2	0.0	0.0	0.4	0.0	0.0	7.8
8A	4	5.4	0.0	0.0	0.0	0.2	0.0	0.0	7.2	5.6
8A	5	8.0	0.0	1.8	0.0	0.2	0.4	0.0	0.0	10.4
8A	6	14.4	0.0	0.0	0.0	0.6	0.0	0.0	2.8	15.0
8A	7	15.6	0.0	3.6	0.2	0.2	0.0	0.0	1.0	19.6
8A	8	4.8	0.0	0.0	0.0	0.2	0.0	0.0	0.0	5.0
8A	9	4.2	0.0	10.0	0.0	0.0	0.0	0.0	1.0	14.2
8A	10	5.2	0.0	5.8	0.0	0.0	0.0	0.0	4.4	11.0
	Mean	6.5	0.0	3.6	0.0	0.1	0.1	0.0	2.5	10.4
	St. Dev	4.8	0.0	3.3	0.1	0.2	0.2	0.0	2.5	4.7

	St. Err	1.7	0.0	1.2	0.0	0.1	0.1	0.0	0.9	1.7

1993

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
8A	1	1.4	0.0	2.1	0.0	0.0	0.0	0.0	0.0	3.5
8A	2	2.1	0.0	0.0	0.0	0.0	0.6	0.0	0.0	2.7
8A	3	1.2	0.0	3.7	0.0	0.0	0.2	0.0	0.0	5.2
8A	4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
8A	5	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
8A	6	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7
8A	7	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
8A	8	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
8A	9	7.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	4.9
8A	10	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
	Mean	4.7	0.0	0.6	0.0	0.0	0.1	0.0	0.0	5.2
	St. Dev	3.2	0.0	1.3	0.0	0.0	0.2	0.0	0.0	2.6
	St. Err	1.1	0.0	0.4	0.0	0.0	0.1	0.0	0.0	0.9

1994

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
8A	1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
8A	2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
8A	3	6.2	0.0	4.3	0.0	0.0	0.0	0.0	0.4	10.5
8A	4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.0
8A	5	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	7.4
8A	6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9
8A	7	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	7.4
8A	8	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9
8A	9	4.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	4.9
8A	10	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
	Mean	4.8	0.0	0.5	0.0	0.0	0.0	0.0	0.2	5.3
	St. Dev	2.6	0.0	1.4	0.0	0.0	0.0	0.0	0.3	3.2
	St. Err	0.9	0.0	0.5	0.0	0.0	0.0	0.0	0.1	1.1

1995

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
8A	1	1.0	0.0	0.2	0.0	0.0	0.0	0.0	2.3	3.5
8A	2	1.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.9
8A	3	0.8	0.0	5.4	0.0	0.0	0.2	0.0	0.0	6.4
8A	4	1.0	0.0	0.0	0.2	0.0	0.0	0.0	2.5	3.7

8A	5	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
8A	6	7.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	8.0
8A	7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
8A	8	3.7	0.0	0.4	0.0	0.0	0.0	0.0	0.4	4.5
8A	9	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
8A	10	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.9
	Mean	3.4	0.0	0.7	0.0	0.0	0.0	0.0	0.5	4.6
	St. Dev	2.3	0.0	1.7	0.1	0.0	0.1	0.0	1.0	1.8
	St. Err	0.8	0.0	0.6	0.0	0.0	0.0	0.0	0.3	0.6

1996

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
8A	1	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	2.0
8A	2	2.1	0.0	0.6	0.0	0.0	0.0	0.0	1.0	2.7
8A	3	0.6	0.0	6.8	0.0	0.0	0.0	0.0	0.0	7.4
8A	4	3.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	3.6
8A	5	3.5	0.0	0.6	0.0	0.0	0.0	0.0	0.6	4.1
8A	6	7.6	0.0	1.2	0.0	0.0	0.0	0.0	0.0	8.8
8A	7	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4
8A	8	6.6	0.0	1.6	0.0	0.0	0.0	0.0	0.0	8.2
8A	9	4.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	4.4
8A	10	2.9	0.0	1.2	0.0	0.0	0.0	0.0	0.0	4.1
	Mean	3.9	0.0	1.3	0.0	0.0	0.0	0.0	0.2	5.2
	St. Dev	2.4	0.0	2.0	0.0	0.0	0.0	0.0	0.4	2.4
	St. Err	0.8	0.0	0.7	0.0	0.0	0.0	0.0	0.1	0.8

1997

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
8A	1	2.9	0.0	1.2	0.0	0.0	0.0	0.0	0.0	4.1
8A	2	3.1	0.0	3.1	0.0	0.0	0.0	0.0	0.0	6.2
8A	3	0.6	0.0	18.8	0.0	0.2	0.0	0.0	0.0	19.6
8A	4	3.5	0.0	0.8	0.0	0.0	0.0	0.0	0.0	4.3
8A	5	3.3	0.0	1.4	0.1	0.1	0.0	0.0	0.0	4.9
8A	6	13.2	0.0	2.2	0.0	0.0	0.4	0.0	0.6	16.4
8A	7	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8
8A	8	6.6	0.0	3.7	0.0	0.0	0.0	0.0	0.0	10.3
8A	9	7.4	0.0	0.8	0.0	0.0	0.0	0.0	0.0	8.2
8A	10	4.7	0.0	1.6	0.0	0.4	0.0	0.0	0.0	6.7
	Mean	5.2	0.0	3.4	0.0	0.1	0.0	0.0	0.1	8.8
	St. Dev	3.5	0.0	5.5	0.0	0.1	0.1	0.0	0.2	5.3

St. Err	1.2	0.0	2.0	0.0	0.0	0.0	0.0	0.1	1.9

Kahe Coral Percent Coverage

1981

Sta	Quad	P_lob	P_mean	Other	Total
8A	1	15.3	1.4	8.2	24.9
8A	2	2.9	1.9	3.3	8.0
8A	3	8.0	2.3	2.7	13.0
8A	4	Replaced in 1987			
8A	5	7.0	1.9	0.8	9.7
8A	6	21.4	5.4	1.6	28.5
8A	7	20.0	1.4	1.0	22.5
8A	8	29.9	0.4	0.0	30.3
8A	9	14.8	1.2	1.9	17.9
8A	10	20.8	0.2		21.0
	Mean	15.6	1.8	2.4	19.5
	St. Dev	8.5	1.5	2.6	8.0
	St. Err	3.0	0.5	0.9	2.8

1982

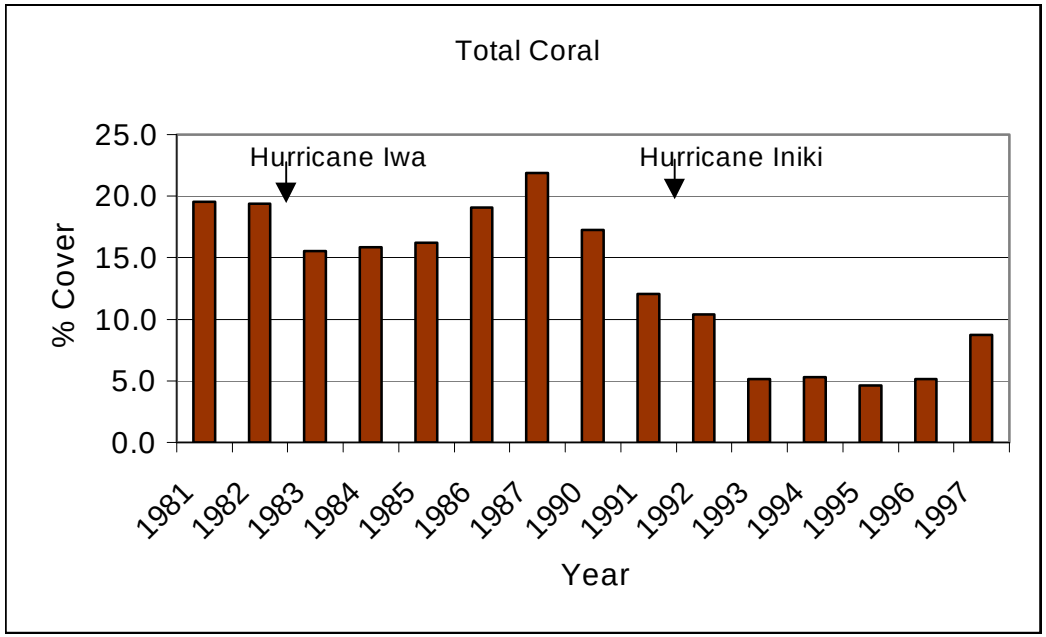
Sta	Quad	P_lob	P_mean	Other	Total
8A	1	No data in1982		0.0	
8A	2	7.2	3.2	2.2	12.6
8A	3	6.8	2.2	1.2	10.2
8A	4	Replaced in 1986			
8A	5	11.0	1.8	0.8	13.6
8A	6	22.6	5.0	1.8	29.4
8A	7	21.4	2.6	0.6	24.6
8A	8	25.8	0.6	1.4	27.8
8A	9	15.4	1.4	1.0	17.8
8A	10	17.2	2.2		19.4
	Mean	15.9	2.4	2.4	19.4
	St. Dev	7.1	1.3	0.7	7.2
	St. Err	2.5	0.5	0.2	2.6

1983

Sta	Quad	P_lob	P_mean	Other	Total
8A	1	10.4	4.2	0.0	14.6
8A	2	7.0	3.6	1.0	11.6
8A	3	6.8	3.8	0.0	10.6
8A	4	Replaced in 1986			

Means

Year	P_lob	P_mean	Other	Total
1981	15.6	1.8	2.4	19.5
1982	15.9	2.4	2.4	19.4
1983	11.8	3.0	0.7	15.6
1984	10.3	4.9	0.5	15.9
1985	10.0	6.2	0.1	16.2
1986	10.3	7.7	0.1	19.1
1987	11.5	10.1	0.4	21.9
1990	10.8	6.2	0.2	17.3
1991	7.1	4.8	0.1	12.0
1992	6.5	3.6	0.2	10.4
1993	4.7	0.6	0.1	5.2
1994	4.8	0.5	0.0	5.3
1995	3.4	0.7	0.0	4.6
1996	3.9	1.3	0.0	5.2
1997	5.2	3.4	0.1	8.8



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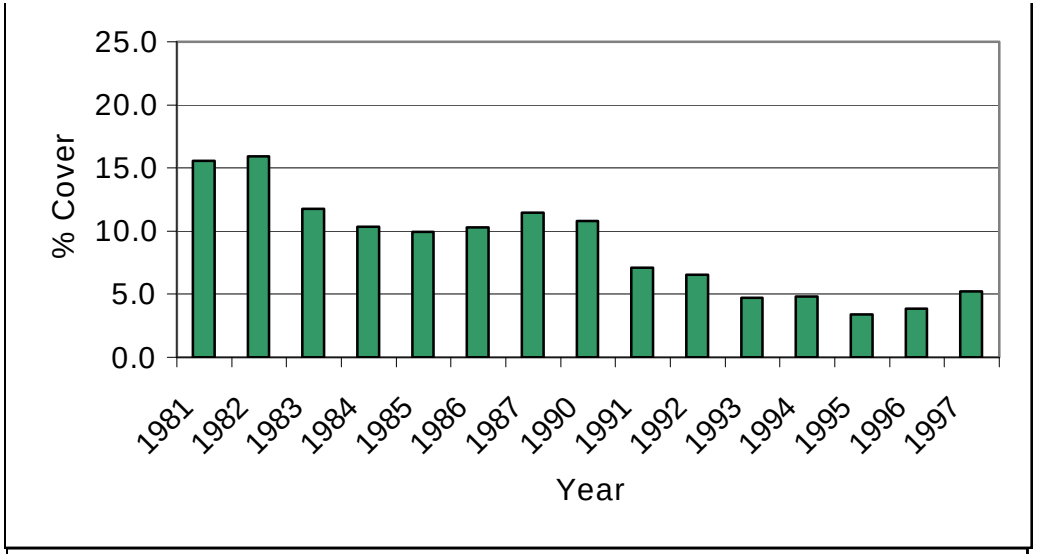
8A	5	7.8	3.2	0.0	11.0
8A	6	14.8	0.0	2.4	17.2
8A	7	14.8	4.8	1.0	20.6
8A	8	24.0	1.4	1.6	27.0
8A	9	9.2	2.2	0.6	12.0
8A	10	11.2	4.2	0.0	15.4
	Mean	11.8	3.0	0.7	15.6
	St. Dev	5.5	1.6	0.9	5.4
	St. Err	1.9	0.5	0.3	1.9

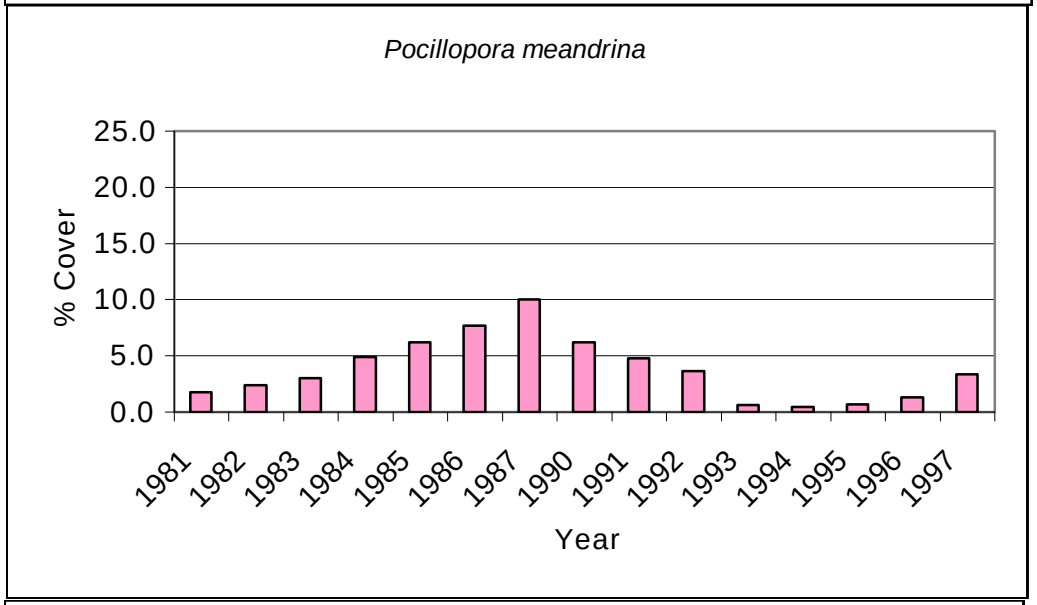
1984

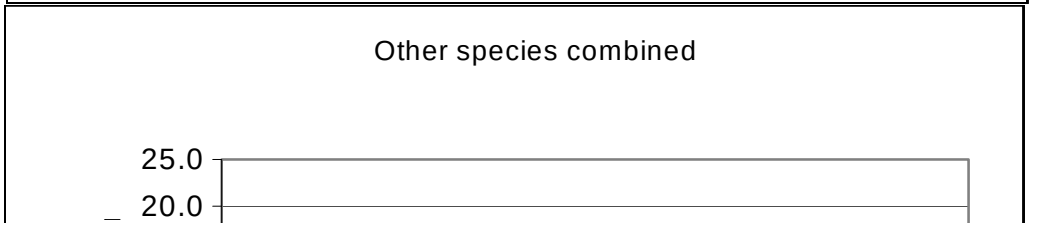
Sta	Quad	P_lob	P_mean	Other	Total
8A	1	6.4	7.0	1.0	14.4
8A	2	4.7	4.5	0.8	10.1
8A	3	6.8	4.5	0.2	11.5
8A	4	Replaced in 1986			
8A	5	8.0	3.7	0.2	12.0
8A	6	20.0	5.4	1.2	26.6
8A	7	14.0	6.8	0.4	21.6
8A	8	17.1	2.9	0.4	20.4
8A	9	7.0	3.7	0.0	11.8
8A	10	8.9	5.6	0.0	14.4
	Mean	10.3	4.9	0.5	15.9
	St. Dev	5.4	1.4	0.4	5.7
	St. Err	1.9	0.5	0.2	2.0

1985

Sta	Quad	P_lob	P_mean	Other	Total
8A	1	Missing in 1985		0.0	
8A	2	4.7	6.8	0.2	11.7
8A	3	7.6	6.8	0.4	14.8
8A	4	Replaced in 1986			
8A	5	6.6	5.8	0.0	12.4
8A	6	13.8	4.7	0.0	18.5
8A	7	15.2	11.8	0.4	27.0
8A	8	16.9	3.7	0.0	20.6
8A	9	7.4	2.7	0.0	10.1
8A	10	7.4	7.4	0.0	14.8
	Mean	10.0	6.2	0.1	16.2
	St. Dev	4.6	2.8	0.2	5.6







	St. Err	1.6	1.0	0.1	2.0

1986

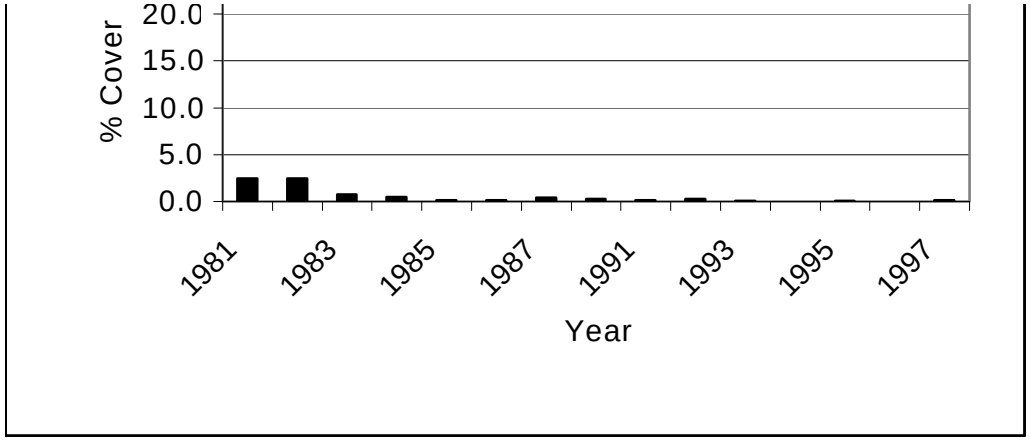
Sta	Quad	P_lob	P_mean	Other	Total
8A	1	7.8	6.0	0.0	15.1
8A	2	5.2	7.8	0.2	13.6
8A	3	8.0	7.6	0.0	15.7
8A	4	Replaced in 1987			
8A	5	7.0	8.7	0.4	16.1
8A	6	14.0	5.4	0.0	23.7
8A	7	16.5	9.9	0.6	28.0
8A	8	16.1	10.3	0.0	26.4
8A	9	9.1	4.3	0.0	13.4
8A	10	9.1	9.1	0.0	19.6
	Mean	10.3	7.7	0.1	19.1
	St. Dev	4.1	2.1	0.2	5.6
	St. Err	1.5	0.7	0.1	2.0

1987

Sta	Quad	P_lob	P_mean	Other	Total
8A	1	6.8	9.7	0.4	16.9
8A	2	6.8	9.1	0.0	15.9
8A	3	9.5	19.3	0.1	28.9
8A	4	5.2	7.4	0.0	12.6
8A	5	5.8	1.2	0.0	7.0
8A	6	19.4	4.9	1.0	25.3
8A	7	17.7	8.2	0.6	26.5
8A	8	17.3	13.6	1.6	32.5
8A	9	13.4	17.0	0.1	30.5
8A	10	12.8	10.1	0.0	22.9
	Mean	11.5	10.1	0.4	21.9
	St. Dev	5.4	5.4	0.5	8.4
	St. Err	1.9	1.9	0.2	3.0

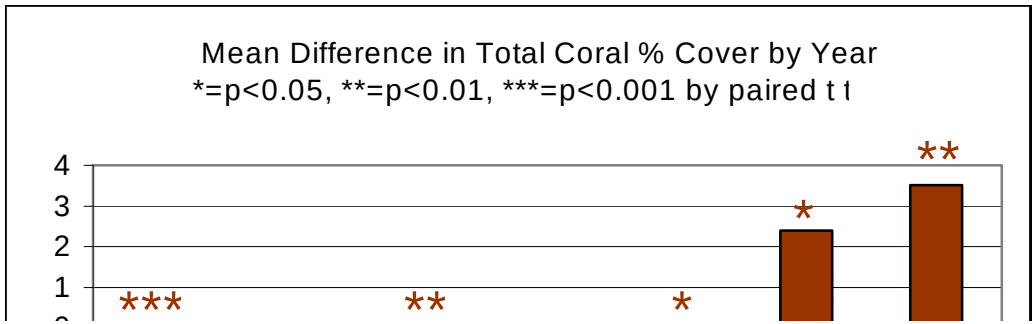
1990

Sta	Quad	P_lob	P_mean	Other	Total
8A	1	5.4	10.3	0.0	15.7
8A	2	8.2	9.9	0.6	18.8
8A	3	5.8	5.8	0.2	11.8
8A	4	4.7	8.0	0.2	13.0



Statistical Comparisons - Paired t tests of difference in Total Coral % Cover

Yearly Mean Comparison	Change	Sig.	Decade Mean Comparison	Change	Sig.
1990-91	-5.23	***	1981-91	-0.73	*
1992-92	-1.61	n. s.	1982-92	-0.79	*
1991-93	-4.96	**	1983-93	-9.71	**
1993-94	-0.37	n. s.	1984-94	-10.7	***
1994-95	-1.21	*	1985-95	-11.4	***
1995-96	2.39	*	1986-96	-11.7	***
1996-97	3.52	**	1987-97	-13.2	***



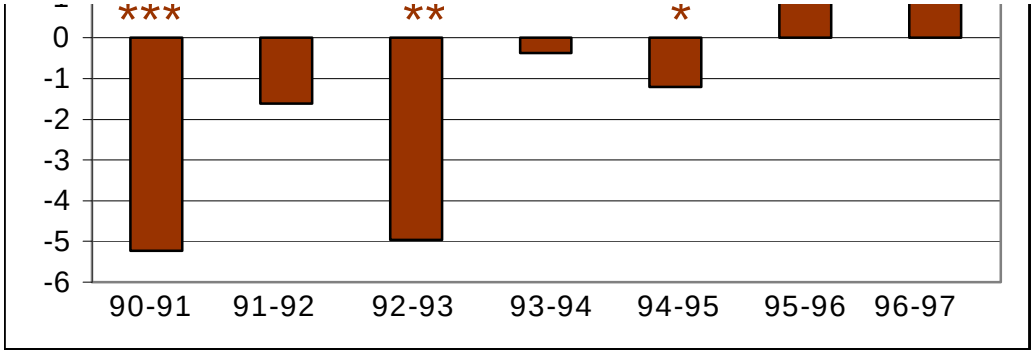
8A	5	10.9	9.5	0.4	20.8
8A	6	18.1	0.0	0.4	18.6
8A	7	19.2	6.0	0.6	25.8
8A	8	17.1	0.4	0.0	17.5
8A	9	12.8	1.2	0.0	14.0
8A	10	6.0	10.7	0.0	16.7
	Mean	10.8	6.2	0.2	17.3
	St. Dev	5.7	4.2	0.3	4.1
	St. Err	2.0	1.5	0.1	1.4

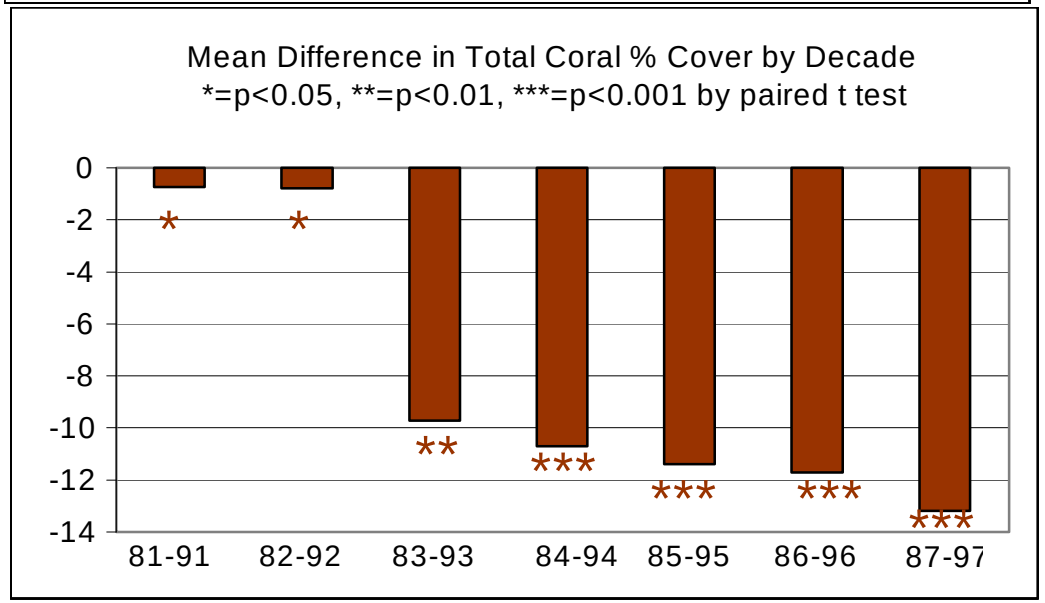
1991

Sta	Quad	P_lob	P_mean	Other	Total
8A	1	1.4	4.1	0.0	5.6
8A	2	4.3	9.1	0.4	13.8
8A	3	2.9	4.3	0.0	7.2
8A	4	4.7	6.0	0.0	10.7
8A	5	7.4	2.9	0.4	10.7
8A	6	13.0	0.0	0.2	13.2
8A	7	18.4	4.7	0.4	23.5
8A	8	9.7	0.0	0.0	9.7
8A	9	4.1	9.9	0.0	14.0
8A	10	5.2	6.8	0.0	12.0
	Mean	7.1	4.8	0.1	12.0
	St. Dev	5.2	3.3	0.2	4.9
	St. Err	1.8	1.2	0.1	1.7

1992

Sta	Quad	P_lob	P_mean	Other	Total
8A	1	2.0	4.4	0.0	6.4
8A	2	2.6	6.6	0.0	9.2
8A	3	3.2	4.2	0.4	7.8
8A	4	5.4	0.0	0.2	5.6
8A	5	8.0	1.8	0.6	10.4
8A	6	14.4	0.0	0.6	15.0
8A	7	15.6	3.6	0.4	19.6
8A	8	4.8	0.0	0.2	5.0
8A	9	4.2	10.0	0.0	14.2
8A	10	5.2	5.8	0.0	11.0
	Mean	6.5	3.6	0.2	10.4
	St. Dev	4.8	3.3	0.2	4.7





	St. Err	1.7	1.2	0.1	1.7

1993

Sta	Quad	P_lob	P_mean	Other	Total
8A	1	1.4	2.1	0.0	3.5
8A	2	2.1	0.0	0.6	2.7
8A	3	1.2	3.7	0.2	5.2
8A	4	1.2	0.0	0.0	1.2
8A	5	7.0	0.0	0.0	7.0
8A	6	10.7	0.0	0.0	10.7
8A	7	7.0	0.0	0.0	7.0
8A	8	4.7	0.0	0.0	4.7
8A	9	7.0	0.4	0.0	4.9
8A	10	4.7	0.0	0.0	4.7
	Mean	4.7	0.6	0.1	5.2
	St. Dev	3.2	1.3	0.2	2.6
	St. Err	1.1	0.4	0.1	0.9

1994

Sta	Quad	P_lob	P_mean	Other	Total
8A	1	2.9	0.0	0.0	2.9
8A	2	1.6	0.0	0.0	1.6
8A	3	6.2	4.3	0.0	10.5
8A	4	1.0	0.0	0.0	1.0
8A	5	7.4	0.0	0.0	7.4
8A	6	8.9	0.0	0.0	8.9
8A	7	7.4	0.0	0.0	7.4
8A	8	4.9	0.0	0.0	4.9
8A	9	4.7	0.2	0.0	4.9
8A	10	3.3	0.0	0.0	3.3
	Mean	4.8	0.5	0.0	5.3
	St. Dev	2.6	1.4	0.0	3.2
	St. Err	0.9	0.5	0.0	1.1

Sta	Quad	P_lob	P_mean	Other	Total
8A	1	1.0	0.2	0.0	3.5
8A	2	1.6	0.2	0.0	1.9
8A	3	0.8	5.4	0.2	6.4
8A	4	1.0	0.0	0.2	3.7

8A	5	5.6	0.0	0.0	5.6
8A	6	7.6	0.4	0.0	8.0
8A	7	5.2	0.0	0.0	5.2
8A	8	3.7	0.4	0.0	4.5
8A	9	4.7	0.0	0.0	4.7
8A	10	2.7	0.0	0.0	2.9
	Mean	3.4	0.7	0.0	4.6
	St. Dev	2.3	1.7	0.1	1.8
	St. Err	0.8	0.6	0.0	0.6

1996

Sta	Quad	P_lob	P_mean	Other	Total
8A	1	1.0	1.0	0.0	2.0
8A	2	2.1	0.6	0.0	2.7
8A	3	0.6	6.8	0.0	7.4
8A	4	3.5	0.1	0.0	3.6
8A	5	3.5	0.6	0.0	4.1
8A	6	7.6	1.2	0.0	8.8
8A	7	6.4	0.0	0.0	6.4
8A	8	6.6	1.6	0.0	8.2
8A	9	4.3	0.1	0.0	4.4
8A	10	2.9	1.2	0.0	4.1
	Mean	3.9	1.3	0.0	5.2
	St. Dev	2.4	2.0	0.0	2.4
	St. Err	0.8	0.7	0.0	0.8

1997

Sta	Quad	P_lob	P_mean	Other	Total
8A	1	2.9	1.2	0.0	4.1
8A	2	3.1	3.1	0.0	6.2
8A	3	0.6	18.8	0.2	19.6
8A	4	3.5	0.8	0.0	4.3
8A	5	3.3	1.4	0.2	4.9
8A	6	13.2	2.2	0.4	16.4
8A	7	6.8	0.0	0.0	6.8
8A	8	6.6	3.7	0.0	10.3
8A	9	7.4	0.8	0.0	8.2
8A	10	4.7	1.6	0.4	6.7
	Mean	5.2	3.4	0.1	8.8
	St. Dev	3.5	5.5	0.2	5.3

St. Err	1.2	2.0	0.1	1.9

Kahe Coral Percent Coverage

1981

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
CTL	1	6.8	0.0	6.6	0.0	0.0	1.6	0.2	0.0	15.3
CTL	2	10.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	10.5
CTL	3	9.3	0.0	0.0	0.0	0.0	0.0	1.4	0.0	10.7
CTL	4	15.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	15.9
CTL	5	20.2	0.0	1.4	0.0	0.0	0.0	0.8	6.8	22.5
CTL	6	No data in1981								
CTL	7	Replaced in 1986								
CTL	8	22.7	0.0	1.9	0.0	0.4	0.0	0.0	1.2	24.9
CTL	9	24.1	0.0	4.9	0.0	1.9	0.0	0.0	0.0	30.9
CTL	10	14.2	0.0	5.2	0.0	1.4	2.7	0.0	0.0	23.5
	Mean	16.6	0.0	2.0	0.0	0.5	0.4	0.3	1.1	19.9
	St. Dev	5.9	0.0	2.2	0.0	0.8	1.0	0.6	2.5	7.7
	St. Err	2.1	0.0	0.8	0.0	0.3	0.4	0.2	0.9	2.7

1982

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
CTL	1	3.0	2.2	6.2	0.0	0.0	0.0	0.0	2.0	11.4
CTL	2	5.8	0.0	0.0	0.0	0.0	1.0	0.0	1.0	6.8
CTL	3	8.4	0.0	0.0	0.0	0.0	0.0	1.4	2.2	9.8
CTL	4	9.0	0.0	0.6	0.0	0.0	0.0	0.0	1.2	9.6
CTL	5	15.0	2.0	1.2	0.0	0.0	1.4	0.0	7.2	19.6
CTL	6	3.4	0.0	0.0	0.0	0.0	0.0	0.0	6.0	3.4
CTL	7	Replaced in 1986								
CTL	8	8.0	1.2	2.0	0.0	0.0	1.6	0.0	1.6	12.8
CTL	9	15.4	0.0	2.0	0.0	0.0	0.2	0.0	3.0	17.6
CTL	10	10.8	0.0	3.4	0.0	0.0	0.0	0.2	4.8	14.4
	Mean	9.5	0.4	1.2	0.0	0.0	0.5	0.2	3.4	11.8
	St. Dev	4.2	0.8	1.2	0.0	0.0	0.7	0.5	2.3	5.4
	St. Err	1.5	0.3	0.4	0.0	0.0	0.2	0.2	0.8	1.9

1983

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
CTL	1	6.4	2.2	6.6	0.0	0.0	0.0	0.0	0.6	13.0
CTL	2	5.8	0.0	0.0	0.0	0.0	0.0	0.2	2.0	6.0
CTL	3	7.2	0.0	0.0	0.0	0.0	0.0	1.4	0.0	8.6
CTL	4	9.2	0.0	0.4	0.0	0.2	0.0	0.0	0.6	9.8

CTL	5	14.8	0.0	1.8	0.0	0.0	0.4	0.0	5.8	17.0
CTL	6	3.2	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.2
CTL	7	Replaced in 1986								
CTL	8	7.4	1.2	0.0	0.0	0.0	1.6	0.0	2.8	9.0
CTL	9	11.8	0.0	0.0	0.0	0.0	0.4	0.0	3.6	12.2
CTL	10	10.0	0.0	0.0	3.6	0.0	0.0	0.0	2.6	13.6
	Mean	8.7	0.2	0.3	0.5	0.0	0.3	0.2	2.5	9.9
	St. Dev	3.6	0.4	0.6	1.3	0.1	0.6	0.5	1.8	4.3
	St. Err	1.3	0.2	0.2	0.5	0.0	0.2	0.2	0.6	1.5

1984

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
CTL	1	3.7	0.8	7.4	0.0	0.6	0.0	0.0	0.0	12.6
CTL	2	No data in1984								
CTL	3	9.1	0.0	0.0	0.0	0.0	0.0	0.6	0.0	7.0
CTL	4	7.4	0.0	1.0	0.0	0.0	1.4	0.0	0.0	9.9
CTL	5	12.8	0.0	1.9	0.0	0.0	0.0	0.0	0.0	14.6
CTL	6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
CTL	7	Replaced in 1986								
CTL	8	4.9	0.0	3.1	0.0	0.0	1.4	0.0	0.0	9.5
CTL	9	5.8	0.0	0.0	0.0	0.2	0.2	0.0	3.5	6.2
CTL	10	11.8	0.6	2.5	0.0	0.4	0.0	0.0	0.0	15.3
	Mean	8.0	0.1	1.2	0.0	0.1	0.4	0.1	0.5	9.5
	St. Dev	3.3	0.2	1.3	0.0	0.2	0.7	0.2	1.3	4.2
	St. Err	1.2	0.1	0.5	0.0	0.1	0.2	0.1	0.5	1.5

1985

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
CTL	1	3.9	0.8	7.4	0.0	0.6	0.0	0.0	0.0	11.3
CTL	2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
CTL	3	4.9	0.0	0.0	0.0	0.0	0.0	0.6	0.0	4.9
CTL	4	9.5	0.0	1.6	0.0	0.0	1.4	0.0	0.0	11.1
CTL	5	9.9	0.0	1.9	0.0	0.0	0.0	0.0	0.0	11.8
CTL	6	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
CTL	7	Replaced in 1986								
CTL	8	3.1	0.0	7.4	0.0	0.0	1.4	0.0	0.0	10.5
CTL	9	5.6	0.0	0.0	0.0	0.2	0.2	0.0	0.0	5.6
CTL	10	8.6	0.6	2.4	0.0	0.4	0.0	0.0	0.0	11.0
	Mean	5.9	0.1	1.7	0.0	0.1	0.4	0.1	0.0	7.6
	St. Dev	3.0	0.2	2.5	0.0	0.1	0.6	0.2	0.0	3.9

	St. Err	1.1	0.1	0.9	0.0	0.1	0.2	0.1	0.0	1.4

1986

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
CTL	1	2.8	0.0	0.9	0.0	0.0	0.0	0.0	0.0	3.6
CTL	2	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
CTL	3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8
CTL	4	9.7	0.0	1.9	0.0	0.0	0.0	0.0	0.0	11.5
CTL	5	12.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	13.4
CTL	6	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4
CTL	7	Replaced in 1987								
CTL	8	3.9	0.0	3.7	0.0	0.0	0.0	0.0	0.0	7.6
CTL	9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	3.3	6.4
CTL	10	9.5	0.0	2.3	0.0	0.0	0.0	0.0	1.4	13.2
	Mean	6.9	0.0	1.2	0.0	0.0	0.0	0.0	0.6	8.6
	St. Dev	3.2	0.0	1.4	0.0	0.0	0.0	0.0	1.2	3.5
	St. Err	1.1	0.0	0.5	0.0	0.0	0.0	0.0	0.4	1.2

1987

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
CTL	1	4.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	6.2
CTL	2	6.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	6.6
CTL	3	6.4	0.0	0.6	0.0	0.0	0.0	0.0	0.0	7.0
CTL	4	7.2	0.0	2.2	0.0	0.0	0.0	0.0	0.0	9.4
CTL	5	12.6	0.0	1.6	0.0	0.0	0.0	0.0	0.0	14.2
CTL	6	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8
CTL	7	15.7	0.0	3.7	0.0	0.0	0.0	0.0	0.0	19.4
CTL	8	4.1	0.0	6.0	0.0	0.0	0.0	0.0	0.0	10.1
CTL	9	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
CTL	10	13.4	0.0	3.0	0.0	0.4	0.0	0.0	0.0	16.8
	Mean	8.3	0.0	2.0	0.0	0.0	0.0	0.0	0.0	10.3
	St. Dev	4.4	0.0	2.0	0.0	0.1	0.0	0.0	0.0	5.4
	St. Err	1.6	0.0	0.7	0.0	0.0	0.0	0.0	0.0	1.9

1990

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
CTL	1	No data in 1990								
CTL	2	14.6	0.6	4.9	0.0	0.0	0.0	0.0	0.0	20.2
CTL	3	11.1	0.0	3.1	0.0	0.0	0.4	0.0	0.0	14.6
CTL	4	15.7	1.6	7.0	0.6	0.0	0.0	0.0	0.0	24.9

CTL	5	9.1	0.0	0.2	0.0	0.0	0.0	0.0	2.1	9.3
CTL	6	12.4	1.2	0.8	0.0	0.0	0.0	0.0	0.0	14.4
CTL	7	15.5	0.0	9.3	0.0	0.0	0.0	0.0	0.0	24.7
CTL	8	11.3	0.8	10.9	0.0	0.0	0.0	0.0	0.0	23.1
CTL	9	14.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	14.4
CTL	10	14.0	0.0	3.1	0.0	1.0	0.0	0.0	0.0	18.1
	Mean	13.1	0.5	4.4	0.1	0.1	0.0	0.0	0.2	18.2
	St. Dev	2.2	0.6	4.0	0.2	0.3	0.1	0.0	0.7	5.4
	St. Err	0.8	0.2	1.4	0.1	0.1	0.0	0.0	0.2	1.9

1991

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
CTL	1	9.7	1.6	7.4	0.0	0.0	0.0	0.0	0.0	18.8
CTL	2	15.9	0.6	4.7	0.0	0.0	0.0	0.0	0.0	21.2
CTL	3	9.1	0.0	1.4	0.0	0.0	0.4	0.0	0.0	10.9
CTL	4	15.3	2.3	7.6	0.8	0.0	0.0	0.0	0.0	26.0
CTL	5	10.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	10.9
CTL	6	13.0	2.9	0.4	0.0	0.0	0.0	0.0	0.0	16.3
CTL	7	13.4	0.0	11.1	0.0	0.0	0.0	0.0	0.0	24.5
CTL	8	6.4	0.2	11.1	0.0	0.0	0.0	0.0	0.0	17.7
CTL	9	11.1	0.0	0.0	0.0	0.6	0.0	0.0	0.0	11.8
CTL	10	7.4	0.0	2.9	0.0	0.8	0.0	0.0	0.0	11.1
	Mean	11.3	0.7	4.4	0.1	0.2	0.0	0.0	0.0	16.7
	St. Dev	3.4	1.1	4.5	0.3	0.3	0.1	0.0	0.0	6.0
	St. Err	1.2	0.4	1.6	0.1	0.1	0.0	0.0	0.0	2.1

1992

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
CTL	1	8.6	3.4	7.4	0.0	0.0	0.0	0.0	0.0	19.4
CTL	2	14.2	0.0	5.6	0.0	0.0	0.0	0.0	0.0	19.8
CTL	3	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4
CTL	4	13.4	3.0	7.6	0.0	0.0	0.0	0.0	0.0	24.0
CTL	5	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8
CTL	6	13.6	2.6	1.4	0.0	0.0	0.0	0.0	0.0	17.6
CTL	7	10.4	0.0	11.2	0.0	0.0	0.0	0.0	2.2	21.6
CTL	8	3.6	1.0	10.4	0.0	0.0	0.0	0.0	5.0	15.0
CTL	9	11.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	12.0
CTL	10	9.0	0.0	1.4	0.0	1.8	0.0	0.0	1.4	12.2
	Mean	10.6	0.7	4.2	0.0	0.3	0.0	0.0	1.0	15.8
	St. Dev	3.2	1.2	4.6	0.0	0.6	0.0	0.0	1.7	5.2

	St. Err	1.1	0.4	1.6	0.0	0.2	0.0	0.0	0.6	1.8

1993

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
CTL	1	8.9	1.2	10.9	0.0	0.0	0.0	0.0	0.0	21.0
CTL	2	13.0	0.0	2.9	0.0	6.0	0.0	0.0	0.0	15.9
CTL	3	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2
CTL	4	8.7	0.0	3.9	0.0	0.0	0.8	0.0	0.0	13.4
CTL	5	11.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
CTL	6	7.8	0.2	0.6	0.0	0.8	0.8	0.0	0.0	10.3
CTL	7	7.4	0.0	10.9	0.0	0.0	0.0	0.0	0.0	18.4
CTL	8	7.2	0.0	11.8	0.0	0.0	0.4	0.0	0.0	19.4
CTL	9	12.4	0.0	0.0	0.0	1.4	0.0	0.0	0.0	13.8
CTL	10	6.2	0.0	1.6	0.0	1.4	0.0	0.0	0.0	9.3
	Mean	8.9	0.0	3.5	0.0	1.1	0.2	0.0	0.0	13.1
	St. Dev	2.6	0.1	4.6	0.0	1.9	0.4	0.0	0.0	4.3
	St. Err	0.9	0.0	1.6	0.0	0.7	0.1	0.0	0.0	1.5

1994

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
8A	10	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
CTL	1	4.1	0.0	5.6	0.0	0.0	0.0	0.0	0.0	9.7
CTL	2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
CTL	3	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
CTL	4	6.8	0.0	6.2	0.0	0.0	0.0	0.0	0.0	13.0
CTL	5	11.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	12.1
CTL	6	7.8	0.0	1.0	0.0	0.0	0.0	0.0	0.0	8.8
CTL	7	7.6	0.0	13.0	0.0	0.0	0.0	0.0	0.0	20.6
CTL	8	3.9	0.0	4.3	0.0	0.0	0.0	0.0	0.0	8.2
CTL	9	14.2	0.0	0.2	0.0	1.0	0.0	0.0	0.0	15.4
CTL	10	7.4	0.0	2.1	0.0	0.8	0.0	0.0	0.0	10.3
	Mean	7.8	0.1	3.0	0.0	0.2	0.0	0.0	0.0	11.1
	St. Dev	3.1	0.3	4.4	0.0	0.4	0.0	0.0	0.0	4.8
	St. Err	1.1	0.1	1.5	0.0	0.1	0.0	0.0	0.0	1.7

1995

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
CTL	1	7.8	0.0	6.4	0.0	0.0	0.0	0.0	0.0	14.2
CTL	2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4
CTL	3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3

CTL	4	7.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	13.0
CTL	5	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8
CTL	6	5.6	0.0	0.6	0.0	0.0	0.8	0.0	0.0	7.0
CTL	7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
CTL	8	2.9	0.0	3.3	0.0	0.0	0.0	0.0	0.0	6.2
CTL	9	11.1	0.0	0.4	0.0	0.8	0.0	0.0	0.0	12.4
CTL	10	4.5	0.0	2.9	0.0	1.0	0.0	0.0	0.0	8.5
	Mean	6.3	0.0	1.5	0.0	0.2	0.1	0.0	0.0	8.1
	St. Dev	3.4	0.0	2.1	0.0	0.4	0.3	0.0	0.0	3.8
	St. Err	1.2	0.0	0.8	0.0	0.1	0.1	0.0	0.0	1.3

1996

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
CTL	1	2.1	0.0	8.6	0.0	0.0	0.0	0.0	0.0	10.7
CTL	2	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9
CTL	3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
CTL	4	5.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	5.5
CTL	5	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6
CTL	6	2.6	0.0	0.0	0.0	0.0	0.8	0.0	0.0	3.4
CTL	7	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
CTL	8	2.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	3.0
CTL	9	10.9	0.0	1.2	0.0	1.4	0.0	0.0	0.0	13.5
CTL	10	7.8	0.0	1.6	0.0	1.0	0.0	0.0	0.0	10.4
	Mean	6.1	0.0	1.2	0.0	0.2	0.1	0.0	0.0	7.6
	St. Dev	4.0	0.0	2.7	0.0	0.5	0.3	0.0	0.0	4.3
	St. Err	1.4	0.0	0.9	0.0	0.2	0.1	0.0	0.0	1.5

1997

Sta	Quad	P_lob	P_com	P_mean	L_pur	M_ver	M_pat	Paly	Sand	Total
CTL	1	1.6	0.0	9.5	0.0	0.0	0.0	0.0	0.0	11.1
CTL	2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6
CTL	3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
CTL	4	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2
CTL	5	14.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0	14.8
CTL	6	4.3	0.0	0.0	0.0	0.0	0.8	0.0	0.0	5.1
CTL	7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
CTL	8	3.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0	3.7
CTL	9	11.1	0.0	0.0	0.0	2.6	0.0	0.0	0.0	13.7
CTL	10	7.6	0.0	4.5	0.0	1.2	0.0	0.0	0.0	13.3
	Mean	6.5	0.0	1.5	0.0	0.4	0.1	0.0	0.0	8.5

St. Dev	3.9	0.0	3.1	0.0	0.9	0.3	0.0	0.0	4.3
St. Err	1.4	0.0	1.1	0.0	0.3	0.1	0.0	0.0	1.5

Kahe Coral Percent Coverage

1981

Sta	Quad	P_lob	P_mean	Other	Total
CTL	1	6.8	6.6	1.9	15.3
CTL	2	10.3	0.2	0.0	10.5
CTL	3	9.3	0.0	1.4	10.7
CTL	4	15.7	0.2	0.0	15.9
CTL	5	20.2	1.4	0.8	22.5
CTL	6	No data in1981			
CTL	7	Replaced in 1986			
CTL	8	22.7	1.9	0.4	24.9
CTL	9	24.1	4.9	1.9	30.9
CTL	10	14.2	5.2	4.1	23.5
	Mean	16.6	2.0	1.2	19.9
	St. Dev	5.9	2.2	1.5	7.7
	St. Err	2.1	0.8	0.5	2.7

1982

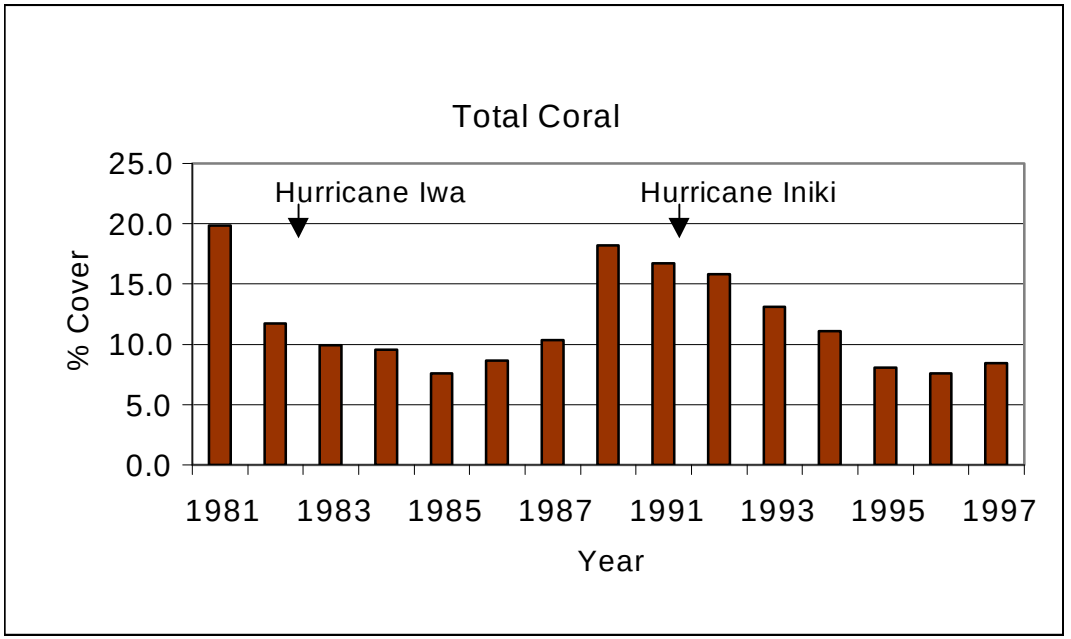
Sta	Quad	P_lob	P_mean	Other	Total
CTL	1	3.0	6.2	2.2	11.4
CTL	2	5.8	0.0	1.0	6.8
CTL	3	8.4	0.0	1.4	9.8
CTL	4	9.0	0.6	0.0	9.6
CTL	5	15.0	1.2	3.4	19.6
CTL	6	3.4	0.0	0.0	3.4
CTL	7	Replaced in 1986			
CTL	8	8.0	2.0	2.8	12.8
CTL	9	15.4	2.0	0.2	17.6
CTL	10	10.8	3.4	0.2	14.4
	Mean	9.5	1.2	1.1	11.8
	St. Dev	4.2	1.2	1.3	5.4
	St. Err	1.5	0.4	0.5	1.9

1983

Sta	Quad	P_lob	P_mean	Other	Total
CTL	1	6.4	6.6	2.2	13.0
CTL	2	5.8	0.0	0.2	6.0
CTL	3	7.2	0.0	1.4	8.6
CTL	4	9.2	0.4	0.2	9.8

Means

Year	P_lob	P_mean	Other	Total
1981	16.6	2.0	1.2	19.9
1982	9.5	1.2	1.1	11.8
1983	8.7	0.3	1.1	9.9
1984	8.0	1.2	0.7	9.5
1985	5.9	1.7	0.6	7.6
1986	6.9	1.2	0.0	8.6
1987	8.3	2.0	0.0	10.3
1990	13.1	4.4	0.7	18.2
1991	11.3	4.4	1.0	16.7
1992	10.6	4.2	1.0	15.8
1993	8.9	3.5	1.3	13.1
1994	7.8	3.0	0.2	11.1
1995	6.3	1.5	0.3	8.1
1996	6.1	1.2	0.3	7.6
1997	6.5	1.5	0.5	8.5



Porites lobata

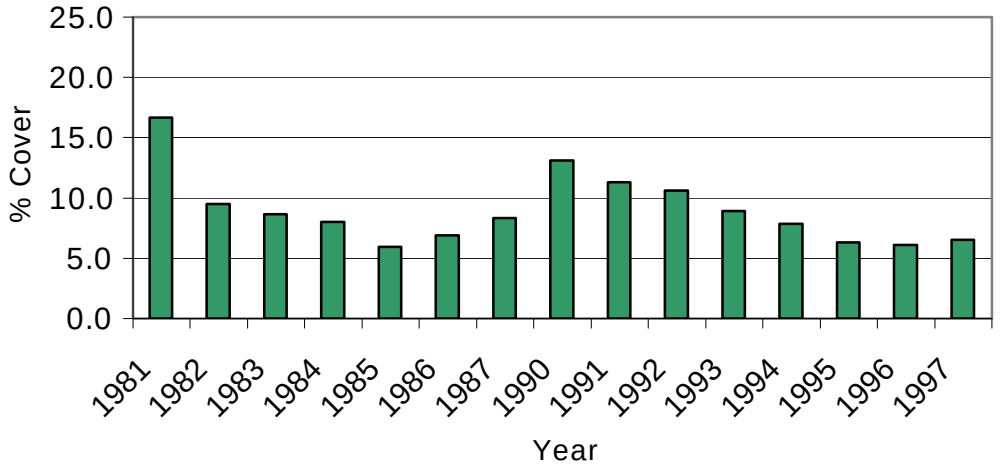
CTL	5	14.8	1.8	0.4	17.0
CTL	6	3.2	0.0	0.0	3.2
CTL	7	Replaced in 1986			
CTL	8	7.4	0.0	2.8	9.0
CTL	9	11.8	0.0	0.4	12.2
CTL	10	10.0	0.0	3.6	13.6
	Mean	8.7	0.3	1.1	9.9
	St. Dev	3.6	0.6	1.4	4.3
	St. Err	1.3	0.2	0.5	1.5

1984

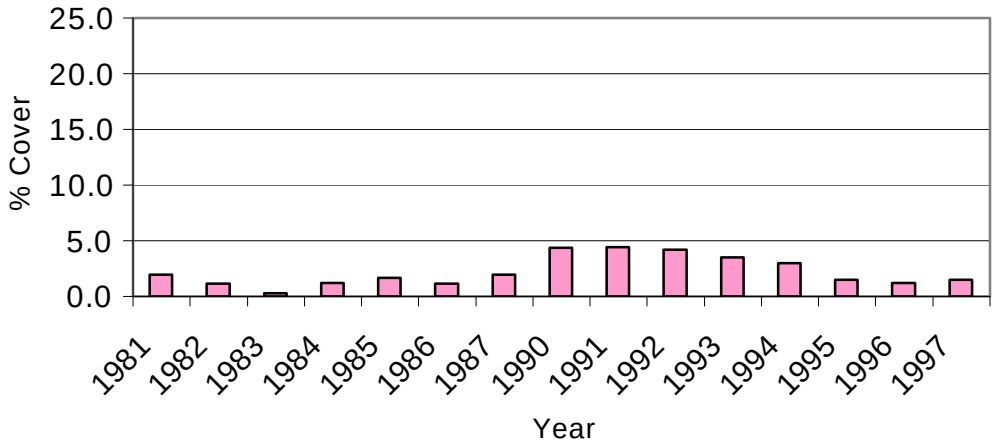
Sta	Quad	P_lob	P_mean	Other	Total
CTL	1	3.7	7.4	1.4	12.6
CTL	2	No data in1984			
CTL	3	9.1	0.0	0.6	7.0
CTL	4	7.4	1.0	1.4	9.9
CTL	5	12.8	1.9	0.0	14.6
CTL	6	4.3	0.0	0.0	4.3
CTL	7	Replaced in 1986			
CTL	8	4.9	3.1	1.4	9.5
CTL	9	5.8	0.0	0.4	6.2
CTL	10	11.8	2.5	1.0	15.3
	Mean	8.0	1.2	0.7	9.5
	St. Dev	3.3	1.3	0.6	4.2
	St. Err	1.2	0.5	0.2	1.5

1985

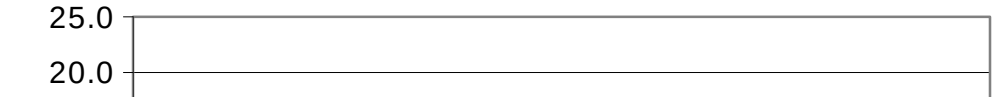
Sta	Quad	P_lob	P_mean	Other	Total
CTL	1	3.9	7.4	1.4	11.3
CTL	2	2.2	0.0	0.0	2.2
CTL	3	4.9	0.0	0.6	4.9
CTL	4	9.5	1.6	1.4	11.1
CTL	5	9.9	1.9	0.0	11.8
CTL	6	3.7	0.0	0.0	3.7
CTL	7	Replaced in 1986			
CTL	8	3.1	7.4	1.4	10.5
CTL	9	5.6	0.0	0.4	5.6
CTL	10	8.6	2.4	1.0	11.0
	Mean	5.9	1.7	0.6	7.6
	St. Dev	3.0	2.5	0.6	3.9



Pocillopora meandrina



Other Species Combined



	St. Err	1.1	0.9	0.2	1.4

1986

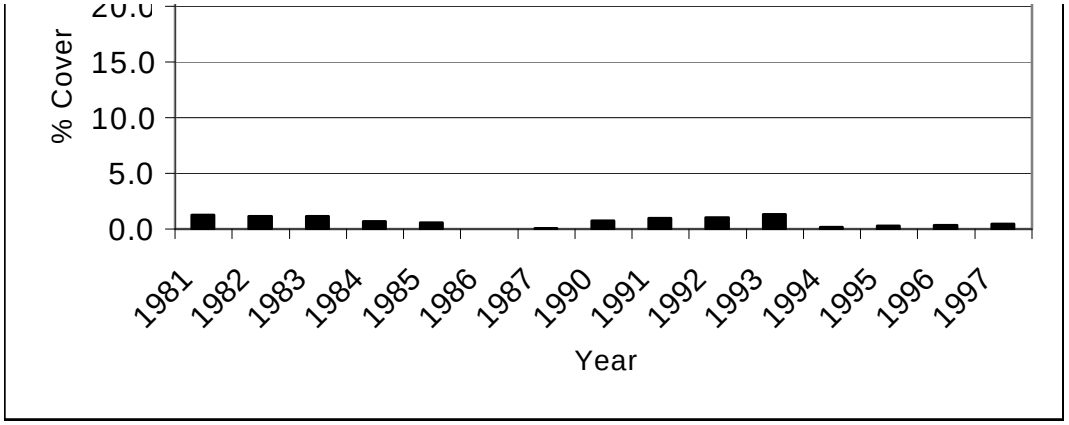
Sta	Quad	P_lob	P_mean	Other	Total
CTL	1	2.8	0.9	0.0	3.6
CTL	2	4.7	0.0	0.0	4.7
CTL	3	5.8	0.0	0.0	5.8
CTL	4	9.7	1.9	0.0	11.5
CTL	5	12.0	1.4	0.0	13.4
CTL	6	6.4	0.0	0.0	6.4
CTL	7	Replaced in 1987			
CTL	8	3.9	3.7	0.0	7.6
CTL	9	3.1	0.0	0.0	6.4
CTL	10	9.5	2.3	0.0	13.2
	Mean	6.9	1.2	0.0	8.6
	St. Dev	3.2	1.4	0.0	3.5
	St. Err	1.1	0.5	0.0	1.2

1987

Sta	Quad	P_lob	P_mean	Other	Total
CTL	1	4.1	2.1	0.0	6.2
CTL	2	6.0	0.6	0.0	6.6
CTL	3	6.4	0.6	0.0	7.0
CTL	4	7.2	2.2	0.0	9.4
CTL	5	12.6	1.6	0.0	14.2
CTL	6	5.8	0.0	0.0	5.8
CTL	7	15.7	3.7	0.0	19.4
CTL	8	4.1	6.0	0.0	10.1
CTL	9	3.7	0.0	0.0	3.7
CTL	10	13.4	3.0	0.4	16.8
	Mean	8.3	2.0	0.0	10.3
	St. Dev	4.4	2.0	0.1	5.4
	St. Err	1.6	0.7	0.0	1.9

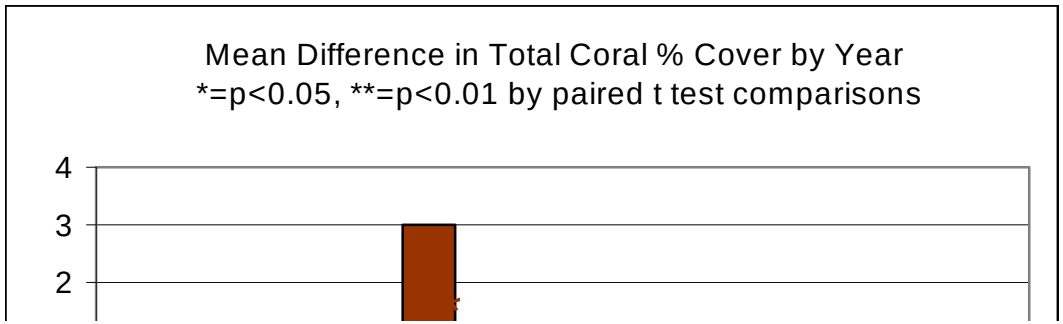
1990

Sta	Quad	P_lob	P_mean	Other	Total
CTL	1	No data in 1990		0.0	
CTL	2	14.6	4.9	0.6	20.2
CTL	3	11.1	3.1	0.4	14.6
CTL	4	15.7	7.0	2.3	24.9



Statistical Comparisons - Paired t tests of difference in Total Coral % Cover

	Yearly Mean			Decade Mean		
Comparison	Change	Sig.		Compa	Change	Sig.
1990-91	-1.47	n.s.		1981-9	-0.3	n. s.
1992-92	-0.74	n.s.		1982-9	0.39	n. s.
1991-93	3	n.s.		1983-9	5.18	*
1993-94	-1.18	n.s.		1984-9	2.45	n. s.
1994-95	-2.29	n.s.		1985-9	1.11	n. s.
1995-96	-1.29	n.s.		1986-9	-0.38	n. s.
1996-97	0.85	*		1987-9	-1.47	n. s.



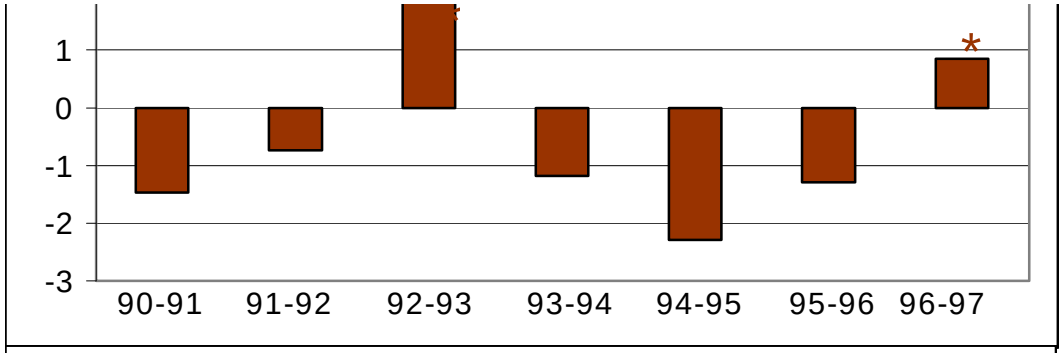
CTL	5	9.1	0.2	0.0	9.3
CTL	6	12.4	0.8	1.2	14.4
CTL	7	15.5	9.3	0.0	24.7
CTL	8	11.3	10.9	0.8	23.1
CTL	9	14.2	0.0	0.2	14.4
CTL	10	14.0	3.1	1.0	18.1
	Mean	13.1	4.4	0.7	18.2
	St. Dev	2.2	4.0	0.7	5.4
	St. Err	0.8	1.4	0.3	1.9

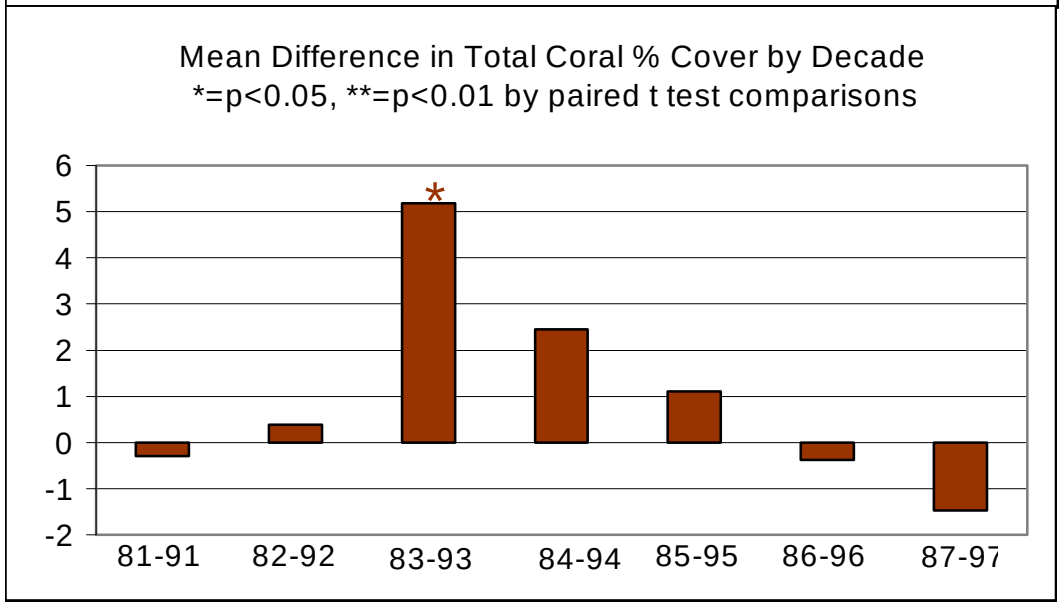
1991

Sta	Quad	P_lob	P_mean	Other	Total
CTL	1	9.7	7.4	1.6	18.8
CTL	2	15.9	4.7	0.6	21.2
CTL	3	9.1	1.4	0.4	10.9
CTL	4	15.3	7.6	3.1	26.0
CTL	5	10.1	0.8	0.0	10.9
CTL	6	13.0	0.4	2.9	16.3
CTL	7	13.4	11.1	0.0	24.5
CTL	8	6.4	11.1	0.2	17.7
CTL	9	11.1	0.0	0.6	11.8
CTL	10	7.4	2.9	0.8	11.1
	Mean	11.3	4.4	1.0	16.7
	St. Dev	3.4	4.5	1.2	6.0
	St. Err	1.2	1.6	0.4	2.1

1992

Sta	Quad	P_lob	P_mean	Other	Total
CTL	1	8.6	7.4	3.4	19.4
CTL	2	14.2	5.6	0.0	19.8
CTL	3	9.4	0.0	0.0	9.4
CTL	4	13.4	7.6	3.0	24.0
CTL	5	10.8	0.0	0.0	10.8
CTL	6	13.6	1.4	2.6	17.6
CTL	7	10.4	11.2	0.0	21.6
CTL	8	3.6	10.4	1.0	15.0
CTL	9	11.0	0.0	1.0	12.0
CTL	10	9.0	1.4	1.8	12.2
	Mean	10.6	4.2	1.0	15.8
	St. Dev	3.2	4.6	1.2	5.2





	St. Err	1.1	1.6	0.4	1.8

1993

Sta	Quad	P_lob	P_mean	Other	Total
CTL	1	8.9	10.9	1.2	21.0
CTL	2	13.0	2.9	6.0	15.9
CTL	3	6.2	0.0	0.0	6.2
CTL	4	8.7	3.9	0.8	13.4
CTL	5	11.3	0.0	0.2	11.5
CTL	6	7.8	0.6	1.8	10.3
CTL	7	7.4	10.9	0.0	18.4
CTL	8	7.2	11.8	0.4	19.4
CTL	9	12.4	0.0	1.4	13.8
CTL	10	6.2	1.6	1.4	9.3
	Mean	8.9	3.5	1.3	13.1
	St. Dev	2.6	4.6	1.9	4.3
	St. Err	0.9	1.6	0.7	1.5

1994

Sta	Quad	P_lob	P_mean	Other	Total
8A	10	3.3	0.0	0.0	3.3
CTL	1	4.1	5.6	0.0	9.7
CTL	2	6.0	0.0	0.0	6.0
CTL	3	5.6	0.0	0.0	5.6
CTL	4	6.8	6.2	0.0	13.0
CTL	5	11.3	0.0	0.8	12.1
CTL	6	7.8	1.0	0.0	8.8
CTL	7	7.6	13.0	0.0	20.6
CTL	8	3.9	4.3	0.0	8.2
CTL	9	14.2	0.2	1.0	15.4
CTL	10	7.4	2.1	0.0	10.3
	Mean	7.8	3.0	0.2	11.1
	St. Dev	3.1	4.4	0.4	4.8
	St. Err	1.1	1.5	0.1	1.7

1995

Sta	Quad	P_lob	P_mean	Other	Total
CTL	1	7.8	6.4	0.0	14.2
CTL	2	5.4	0.0	0.0	5.4
CTL	3	3.3	0.0	0.0	3.3

CTL	4	7.0	6.0	0.0	13.0
CTL	5	12.8	0.0	0.0	12.8
CTL	6	5.6	0.6	0.8	7.0
CTL	7	4.3	0.0	0.0	4.3
CTL	8	2.9	3.3	0.0	6.2
CTL	9	11.1	0.4	0.8	12.4
CTL	10	4.5	2.9	1.0	8.5
	Mean	6.3	1.5	0.3	8.1
	St. Dev	3.4	2.1	0.5	3.8
	St. Err	1.2	0.8	0.2	1.3

1996

Sta	Quad	P_lob	P_mean	Other	Total
CTL	1	2.1	8.6	0.0	10.7
CTL	2	4.9	0.0	0.0	4.9
CTL	3	5.3	0.0	0.0	5.3
CTL	4	5.3	0.2	0.0	5.5
CTL	5	14.6	0.0	0.0	14.6
CTL	6	2.6	0.0	0.8	3.4
CTL	7	4.7	0.0	0.0	4.7
CTL	8	2.6	0.4	0.0	3.0
CTL	9	10.9	1.2	1.4	13.5
CTL	10	7.8	1.6	1.0	10.4
	Mean	6.1	1.2	0.3	7.6
	St. Dev	4.0	2.7	0.5	4.3
	St. Err	1.4	0.9	0.2	1.5

1997

Sta	Quad	P_lob	P_mean	Other	Total
CTL	1	1.6	9.5	0.0	11.1
CTL	2	6.6	0.0	0.0	6.6
CTL	3	4.7	0.0	0.0	4.7
CTL	4	7.2	0.0	0.0	7.2
CTL	5	14.6	0.2	0.0	14.8
CTL	6	4.3	0.0	0.8	5.1
CTL	7	4.3	0.0	0.0	4.3
CTL	8	3.1	0.6	0.0	3.7
CTL	9	11.1	0.0	2.6	13.7
CTL	10	7.6	4.5	1.2	13.3
	Mean	6.5	1.5	0.5	8.5

St. Dev	3.9	3.1	0.9	4.3
St. Err	1.4	1.1	0.3	1.5