

22	90.0	80.0	X	X	X	X		1	3694	
23	90.0	70.0	X	X	X	X	X		3806	
24	90.0	60.0	X	X	X	X		X	880	
25	90.0	53.0	X	X	X	X	X	X	1309	
26	90.0	45.0	X	X	X	X		2	1695	
27	90.0	37.0	X	X	X	X	X	2	1177	
28	90.0	35.0	X	X	X	X			344	
29	90.0	30.0	X	X	X	X		X	613	
30	90.0	28.0	X	X	X	X		2	63	
31	90.0	27.7	X	X	X	X			20	SCCOOS 20m sta
32	88.5	30.1	X	X	X	X			20	SCCOOS lat/lon approx
33	86.8	32.5	X	X	X	X			20	SCCOOS 20m
34	86.7	33.0	X	X	X	X		2	57	
35	85.4	35.8	X	X	X	X			20	SCCOOS 20m
36	86.7	35.0	X	X	X	X	X		662	
37	86.7	40.0	X	X	X	X			737	Santa Monica Basin 700m
38	86.7	45.0	X	X	X	X			1644	
39	86.7	50.0	X	X	X	X			78	
40	86.7	55.0	X	X	X	X			1201	
41	86.7	60.0	X	X	X	X			722	
42	86.7	70.0	X	X	X	X			3771	
43	86.7	80.0	X	X	X	X			4041	
44	86.7	90.0	X	X	X	X		1	4099	
45	86.7	100.0	X	X	X	X			4147	
46	86.7	110.0	X	X	X	X			3951	
47	83.3	110.0	X	X	X	X			4163	
48	83.3	100.0	X	X	X	X			4145	
49	83.3	90.0	X	X	X	X		1	4247	
50	83.3	80.0	X	X	X	X			4180	
51	83.3	70.0	X	X	X	X			3797	
52	83.3	60.0	X	X	X	X			1397	
53	83.3	55.0	X	X	X	X			999	
54	83.3	51.0	X	X	X	X			102	
55	83.3	42.0	X	X	X	X		2	134	

56	83.3	40.6	X	X	X	X		2	34	
57	83.3	39.4	X	X	X	X			20	SCCOOS 20m sta
58	81.7	43.5	X	X	X	X			20	SCCOOS lat/lon approx
59	81.8	46.9	X	X	X	X	X	X	578	Santa Barbara Basin 570m
60	80.0	50.5	X	X	X	X			20	SCCOOS 20m
61	80.0	51.0	X	X	X	X		X	73	
62	80.0	55.0	X	X	X	X	X	X	780	
63	80.0	60.0	X	X	X	X		X	2204	
64	80.0	70.0	X	X	X	X	X	X	3631	
65	80.0	80.0	X	X	X	X	X	X	4007	
66	80.0	90.0	X	X	X	X	X	X	4229	
67	80.0	100.0	X	X	X	X	X	X	4348	
68	76.7	100.0	X	X	X	X		1	4551	
69	76.7	90.0	X	X	X	X			4201	
70	76.7	80.0	X	X	X	X			4235	
71	76.7	70.0	X	X	X	X			4017	
72	76.7	60.0	X	X	X	X			930	
73	76.7	55.0	X	X	X	X			562	
74	76.7	51.0	X	X	X	X			240	
75	76.7	49.0	X	X	X	X		1	69	
12-bottle CTD, 2-3 check salts, 12 oxygens, 8 chlorophylls, no nutrients, no NCOG or DIC/pH										
76	73.3	50.0	2	X		X			30	
77	73.3	55.0	2	X		X			1003	
78	73.3	60.0	2	X		X			2380	
79	73.3	70.0	2	X		X			4072	
80	73.3	80.0	2	X		X			4164	
81	73.3	90.0	2	X		X			3186	
82	70.0	90.0	2	X		X				
83	70.0	80.0	2	X		X			4078	
84	70.0	70.0	2	X		X			3845	
85	70.0	60.0	2	X		X			3071	
86	70.0	55.0	2	X		X			1304	
87	70.0	51.0	2	X		X				
88	66.7	50.0	2	X		X			1006	

89	66.7	55.0	2	X		X			2613	
90	66.7	60.0	2	X		X			2954	
91	66.7	70.0	2	X		X			3581	
92	66.7	80.0	2	X		X			3964	
93	66.7	90.0	2	X		X				
94	63.3	90.0	2	X		X				
95	63.3	80.0	2	X		X			4153	
96	63.3	70.0	2	X		X			3890	
97	63.3	60.0	2	X		X			2566	
98	63.3	55.0	2	X		X			301	
99	63.3	52.0	2	X		X			89	
100	60.0	53.0	2	X		X			87	
101	60.0	60.0	2	X		X			3298	
102	60.0	70.0	2	X		X			3999	
103	60.0	80.0	2	X		X				
104	60.0	90.0	2	X		X				