

61_2000 cup	Sampling period mid-point	Length in days	Total mass flux mg m ⁻² d ⁻¹	CaCO ₃ mg m ⁻² d ⁻¹		POC mg m ⁻² d ⁻¹		Diatom 10 ⁶ valves m ⁻² d ⁻¹	Coccolithophore flux 10 ⁸ coccoliths m ⁻² d ⁻¹	Relative abundance <i>E. huxleyi</i> <i>C. leptopus</i> Other		
1	30 Nov 2001	8	48	14	30	0.7	1.5	–	–	–	–	–
2	8 Dec 2001	8	78	17	22	1.7	2.2	9	2.5	98.8	1.2	0.0
3	16 Dec 2001	8	326	62	19	6.9	2.1	82	2.7	98.5	1.3	0.2
4	24 Dec 2001	8	509	140	28	6.4	1.3	85	8.2	99.5	0.5	0.0
5	1 Jan 2002	8	1151	44	4	26.9	2.3	408	12.3	99.8	0.2	0.0
6	9 Jan 2002	8	1069	170	16	14.8	1.4	200	22.3	99.8	0.2	0.0
7	17 Jan 2002	8	656	60	9	11.3	1.7	159	9.2	99.3	0.7	0.0
8	25 Jan 2002	8	702	38	5	11.0	1.6	296	8.4	99.3	0.7	0.0
9	2 Feb 2002	8	666	39	6	12.0	1.8	184	5.4	98.8	1.2	0.0
10	10 Feb 2002	8	595	24	4	8.2	1.4	295	6.0	99.5	0.5	0.0
11	18 Feb 2002	8	534	20	4	6.2	1.2	149	9.8	99.0	0.5	0.5
12	26 Feb 2002	8	524	19	4	4.7	0.9	152	5.0	100.0	0.0	0.0
13	6 Mar 2002	8	586	15	3	6.9	1.2	120	6.4	99.8	0.2	0.0
14	14 Mar 2002	8	285	11	4	3.2	1.1	71	2.0	99.8	0.2	0.0
15	22 Mar 2002	8	290	7	3	3.2	1.1	66	2.0	97.6	1.0	1.5
16	30 Mar 2002	8	263	8	3	2.6	1.0	87	0.9	99.2	0.8	0.0
17	8 Apr 2002	10	264	7	3	2.2	0.8	97	1.3	98.1	1.9	0.0
18	8 May 2002	50	130	5	4	1.2	1.0	47	0.8	99.8	0.2	0.0
19	29 Jun 2002	54	65	2	4	0.7	1.0	10	0.7	98.8	0.8	0.4
20	22 Aug 2002	55	56	2	4	0.8	1.5	19	0.9	99.5	0.2	0.2
21	29 Sep 2002	20	42	2	4	0.5	1.3	6	0.9	98.0	2.0	0.0
Annualised values			232	17	7.4	3.3	1.4	67	2.8			
Annual flux			85 g m ⁻² yr ⁻¹	6 g m ⁻² yr ⁻¹		1.2 g m ⁻² yr ⁻¹		24 × 10 ⁹ valves m ⁻² yr ⁻¹	1.03 × 10 ¹¹ coccoliths m ⁻² yr ⁻¹	99.4	0.5	0.1
61_3700 cup	Sampling period mid-point	Length in days	Total mass flux mg m ⁻² d ⁻¹	CaCO ₃ mg m ⁻² d ⁻¹		POC mg m ⁻² d ⁻¹		Diatom 10 ⁶ valves m ⁻² d ⁻¹	Coccolithophore flux 10 ⁷ coccoliths m ⁻² d ⁻¹	Relative abundance <i>E. huxleyi</i> <i>C. leptopus</i> Other		
1	30 Nov 2001	8	38	9	23	0.4	1.1	–	–	–	–	–
2	8 Dec 2001	8	31	9	28	0.4	1.2	–	–	–	–	–
3	16 Dec 2001	8	99	29	30	1.4	1.4	4	1.3	99.0	0.7	0.2
4	24 Dec 2001	8	231	59	26	1.4	0.6	12	5.5	99.3	0.5	0.2
5	1 Jan 2002	8	873	87	10	17.3	2.0	118	11.6	99.8	0.2	0.0
6	9 Jan 2002	8	1157	154	13	19.8	1.7	479	15.9	100.0	0.0	0.0
7	17 Jan 2002	8	828	166	20	9.4	1.1	354	20.0	100.0	0.0	0.0
8	25 Jan 2002	8	490	34	7	6.4	1.3	169	11.0	99.8	0.2	0.0
9	2 Feb 2002	8	491	32	6	6.5	1.3	385	4.6	100.0	0.0	0.0
10	10 Feb 2002	8	419	19	4	6.0	1.4	281	4.2	99.8	0.2	0.0
11	18 Feb 2002	8	584	36	6	6.2	1.1	254	15.9	99.1	0.7	0.2
12	26 Feb 2002	8	581	31	5	5.2	0.9	238	12.2	100.0	0.0	0.0
13	6 Mar 2002	8	849	23	3	7.6	0.9	326	15.0	99.8	0.2	0.0
14	14 Mar 2002	8	369	18	5	3.3	0.9	44	6.6	99.2	0.8	0.0
15	22 Mar 2002	8	218	8	4	2.6	1.2	32	6.6	99.5	0.2	0.2
16	30 Mar 2002	8	258	10	4	2.5	1.0	43	6.8	99.3	0.7	0.0
17	8 Apr 2002	10	257	9	3	2.3	0.9	32	4.8	99.5	0.2	0.2
18	8 May 2002	50	118	5	4	1.2	1.0	8	1.2	99.8	0.0	0.2
19	29 Jun 2002	54	0	0	4	0.0	1.0	–	–	–	–	–
20	22 Aug 2002	55	0	0	4	0.0	1.0	–	–	–	–	–
21	29 Sep 2002	20	0	0	4	0.0	1.0	–	–	–	–	–
Annualised values			188	17	9	2.3	1.2	62	3.3			
Annual flux			69 g m ⁻² yr ⁻¹	6 g m ⁻² yr ⁻¹		0.9 g m ⁻² yr ⁻¹		23 × 10 ⁹ valves m ⁻² yr ⁻¹	1.20 × 10 ¹¹ coccoliths m ⁻² yr ⁻¹	99.7	0.2	0.1